

GOVERNMENT OF ANDHRA PRADESH



BUILDING - SoR: 2010-2011

COMMITTEE OF CHIEF ENGINEERS

SCHEDULE OF RATES
FOR
BUILDING WORKS

FOR THE YEAR 2010-2011
(Effective from 1st June, 2010)

ALL ENGINEERING
DEPARTMENTS

Office of the Chief Engineer (R&B)
Buildings, R&B Department
Errum manzil, Hyderabad

Procs.No. CEB/TA8/AEE3/SOR:2010-11

Dt:19-07-2010.

Sub:- Printing of Building-SORs for all Engineering Departments specific to the functioning of Building works – Building-SOR:2010-11 – Communication of Building-SORs – Reg.,

Ref:- 1. G.O.Rt.No.471, T,R&B (R.1) Dept., dt:20-04-2007.
2. Minutes of Committee of Chief Engineers meeting for Building-SORs held on Dt: 19-07-2010.

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The Government of Andhra Pradesh have constituted a Committee of Chief Engineers of Engineering departments dealing with Building works for finalizing and communicating Building-SOR (Civil & Electrical) vide G.O. 1st cited. In accordance therewith the Committee of Chief Engineers has finalized and approved the Building-SOR: 2010-11 in the Minutes of Meeting held on 19-07-2010.

The rates for the Building items (Civil, Water Supply & Sanitary and Electrical items) are to be followed henceforth by all the concerned departments for building works. The rates of Labour Rates, Common Material & Work items, Public Health items, Conveyance Rates of Materials & Hire charges of Common SOR-2010-11 remain unchanged. No other items other than the items communicated in this Building-SOR shall be introduced.

The Heads of Departments mentioned below are authorized to print the Building-SOR: 2010-11. The unauthorized printing & selling of the Building-SOR is strictly prohibited.

The revised rates will come into force with immediate effect.

The receipt of the proceedings may please be acknowledged.

Enclosed: Building SoR: 2010-11-CD as above

Sd/-
T.Baburaj
Chief Engineer (R&B) Buildings
Convener-Member,
Committee of Chief Engineers- Building-SOR

To

1. Engineer-in-Chief (Admn.&NH)., Roads & Buildings Department, Errummanzil, Hyderabad.
2. Engineer-in-Chief (IW)I&CAD, Irrigation Department, Errummanzil, Hyderabad.
3. Engineer-in-Chief, P.H.&M.E. Department. A.C. Guards, Hyderabad.
4. Engineer-in-Chief (P.R.), Panchayat Raj Department, Errummanzil, Hyderabad.
5. Engineer-in-Chief (R&B) (Roads), R&B Department, Errummanzil, Hyderabad.
6. Engineer-in-Chief (R&B) (HUDCO), R&B Department, Errummanzil, Hyderabad.
7. Engineer-in-Chief, Tribal Welfare & Social Welfare Department, DSS Bhavan, Masab tank, Hyderabad.
8. Engineer-in-Chief, Greater Hyderabad (MCH), CC Complex, Tankbund Road, Hyderabad.
9. Chief Engineer (R&B) (NABARD), R&B Department, Errummanzil, Hyderabad.
10. Chief Engineer (QC & Member,COT), R&B Department, Errummanzil, Hyderabad.
11. Chief Engineer (R&B) (Designs), R&B Department, Errummanzil, Hyderabad.
12. Chief Engineer(AP Housing Board), Gruhakalpa, nampally, Hyderabad.
13. Chief Engineer(Housing), Urdugally, Himayatnagar, Hyderabad.
14. Chief Engineer(APSRTC), RTC 'X' Roads, Musheerabad, Hyderabad.
15. Chief Engineer(APMHIDC), Illrd Floor, DM&HS Campus, Sultanbazar, Koti, Hyderabad.
16. Chief Engineer (AP Police Housing & Welfare Corporation), Lakdi-ka-pool, Hyderabad.
17. Superintending Engineer (R&B), Head Quarters Circle, Khairatabad, Hyderabad
18. Superintending Engineer (R&B), Electrical Circle, Errummanzil, Hyderabad.

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PREAMBLE

- A. With the advent of the revision and updation of standard data in all the Engineering /Public Works departments and other organizations vide G.O. Ms. No: 49 Irrigation & CAD(PW-Reforms) Department Dt: 02.03.2009, it has become imperative to update the 'Schedule of Rates' in a scientific and systematic manner. Apparently finalization of the 'Schedule of Rates' for the 'Building items' is an exhaustive task and needs substantial contribution from all the engineering departments/ organizations. All the engineering departments/ organizations specifically those who are dealing with the building works should articulate and furnish necessary updates. Similarly, any corrections or deletions may be brought to the notice of the Committee for issuing necessary amendments from time to time.
- B. Most of the rates for building works are being finalized based on the quotations obtained from specific manufacturers/ suppliers. The rates finalized in this procedure either directly or indirectly endorse the products of the manufacturers/ firms/ suppliers from whom the quotations are obtained. The items that are highlighted by this particular process are-Vitrified Tiles, Paints, Bath & Toilet fittings etc. This leads to monopolization of the particular product and encourages lobbying from the manufacturers/ suppliers. The Committee of Chief Engineers for 'SOR' is often subjected to criticism at various forums for adopting this procedure in finalizing the rates for 'Schedule of Rates'. In order to circumvent this, it is decided to publish the rates in the 'Schedule of Rates' by mentioning the technical specification and without mentioning the names of the products/ manufacturing firms wherever it is feasible. But where large difference is found in the rates of a particular item or in group of items, list of the products/ manufacturing firms is appended at the end of the 'specification' for facilitating the estimate sanctioning authorities to adopt suitable rates.
- C. It is observed that adoption of the provision of 'Over Heads and Contractor's Profit' in the estimates has become a point of contention as some of the data items in 'AP Revised Standard Data' do contain this provision and for some of the data items this provision is missing. In view of the ambiguity it is clarified that the provision of 'Over Heads and Contractor's Profit @ 14%' as approved by the BoCE's in Common SoR-2010-11 for all the data items of the estimates may be allowed for the original nature of works subjected to the fulfillment of the conditions given below:
- Site accommodation, setting up plant, access road, water supply, electricity and general site arrangements.
 - Office furniture, equipment and communications.
 - Expenditure on:

- Corporate office of contractor.
 - Technical agents for site supervision.
 - Documentation and “as built” drawings.
 - Mobilisation/ de-mobilisation of resources.
 - Labour camps with minimum amenities and transportation to work sites.
 - Light vehicles for site supervision including administrative and managerial requirements.
 - Laboratory equipment and quality control including field and laboratory testing.
 - Minor T & P and survey instruments and setting outworks, including verification of line, dimensions, etc.
 - Watch and ward.
 - Traffic management/ Safety management during construction.
 - Expenditure on safeguarding environment.
 - Sundries
 - Financing Expenditure
 - Sales/ Turn over tax (Material VAT)
 - Work Insurance/ compensation
- D.* The estimate preparing authorities shall allow relevant Municipal Area Allowance or any such allowance on the labour components of civil, water supply & sanitary items, electrical wherever applicable as per the guidelines.
- E.* The rates adopted in the ‘Schedule of Rates’ are exclusive of VAT, which is to be provided in the estimates towards Value Added Tax (Works Contract Tax) at 4% on the finished work items as defined in APVAT Act-2005 as per the recommendation of BoCE’s. It is clarified that the VAT considered in the ‘rates of the materials in the SoR’ and ‘Overheads and Contractor’s Profit’ is a material VAT and is an input tax.

BUILDING ITEMS

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
1	2	3	4	5
A		BRICKS & BUILDING BLOCKS		
1	BMT-A.01	Bricks second class or ground moulded (Non-Modular or traditional size) 23 x 11 x 7 cm (ex-quarry price - excluding cost of conveyance, loading & unloading)	1000 Nos	3100.00
2	BMT-A.02	- do- modular size 19 x 9 x 9 cm (ex-quarry price - excluding cost of conveyance, loading & unloading)	1000 Nos	4185.00
3	BMT-A.03	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 225 x 140 mm	Each	15.00
4	BMT-A.04	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 200 x 140 mm	Each	13.00
5	BMT-A.05	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 150 x 140 mm	Each	9.00
6	BMT-A.06	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 112/100 x 140 mm	Each	8.00
7	BMT-A.07	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 225 x 100 x 60 mm	Each	4.00
8	BMT-A.08	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 225 x 140 mm	Each	9.00
9	BMT-A.09	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 200 x 140 mm	Each	7.00
10	BMT-A.10	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 225 x 140 mm	Each	13.00
11	BMT-A.11	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 200 x 140 mm	Each	10.00
12	BMT-A.12	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 150 x 140 mm	Each	7.00
13	BMT-A.13	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 112/100 x 140 mm	Each	6.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
14	BMT-A.14	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 225 x 100 x 60 mm	Each	3.00
15	BMT-A.15	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 225 x 140 mm	Each	7.00
16	BMT-A.16	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 200 x 140 mm	Each	6.00
17	BMT-A.17	Cinder	1 Cum	495.00
18	BMT-A.18	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 100 mm	Each	65.00
19	BMT-A.19	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 150 mm	Each	90.00
20	BMT-A.20	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm ² of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 200 mm	Each	120.00
B		NATURAL FLOORING STONES (ex-quarry price - excluding cost of conveyance, loading & unloading)		
21	BMT-B.01	Kadapa slab 40 mm thick and size not less than 0.457 Mx0.457 M	1 Sqm	75.00
22	BMT-B.02	Kadapa slab 50 mm thick and size not less than 0.457 Mx0.457 M	1 Sqm	86.00
23	BMT-B.03	Shahabad /Tandur Rough Stone slabs of minimum of 25 mm thick	10 Sqm	750.00
24	BMT-B.04	Shahabad / Tandur Rough Stone slabs of minimum 40 mm thick	10 Sqm	968.00
25	BMT-B.05	Polished Shahabad/ Tandur stone slabs of 15 to 18 mm thick (0.457x0.304) or any other size as specified	10 Sqm	1291.00
26	BMT-B.06	Polished black Kadapa slabs minimum of 15 mm thick (0.457x0.457M)	10 Sqm	1076.00
27	BMT-B.07	Polished Bethamcherla pure (marble type) white stone minimum 25 mm thick (0.254Mx0.254M)	10 Sqm	3012.80
28	BMT-B.08	Polished Bethamcherla coloured stone minimum 25 mm thick (0.254M x0.254M)	10 Sqm	2152.00
29	BMT-B.09	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black/ premium colours	1Sqm	2300.00
30	BMT-B.10	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black and regular colours	1Sqm	2000.00
31	BMT-B.11	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) black	1Sqm	1700.00
32	BMT-B.12	Polished Marble slabs of any variety (Such as Dongari/ Adanga/ Marodh/ Rajganpur etc) 16 mm to 20 mm (average) thick (size 0.457 M x 0.457 M) / (0.6M x 0.6M)	1 sqm	570.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
33	BMT-B.13	Polished Marble slabs of any variety (Such as Dongari/ Adanga/ Marodh/ Rajanpur etc) polished 16 mm to 20 mm (average) thick 0.305 M x 0.305 M	1 sqm	460.00
34	BMT-B.14	Polished Marble slabs of any variety and gang saw cut (Such as Dongari/ Adanga/ Marodh/ Rajanpur etc) 16 mm to 20 mm (average) thick (0.610 M width of any length)	1 sqm	780.00
35	BMT-B.15	Polished Marble Tiles 8 mm thick of all sizes and varieties	1 sqm	371.00
36	BMT-B.16	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 sqm	780.00
C		WALL & FLOOR TILES (landing cost - including cost of conveyance, loading & unloading)		
37	BMT-C.01	Ceramic tiles 7.3mm thick 1st quality of all shades (as per manufacture specification)	1 sqm	374.00
38	BMT-C.02	Edge Cut - Rectified Ceramic tiles 8 mm thick 1st quality of all shades	1 sqm	450.00
39	BMT-C.03	Decorated white background glazed tiles 200 mm x 152 mm	1 sqm	459.00
40	BMT-C.04	Decorated coloured background glazed tiles 200mm x 300 mm	1 sqm	512.00
41	BMT-C.05	Fantasy Glazed Tiles size 200mm x152 mm	1 sqm	485.00
42	BMT-C.06	White glazed Tiles of any size 1st quality	1 sqm	280.00
43	BMT-C.07	Glazed coloured Tiles of any size 1st Quality	1 sqm	332.00
44	BMT-C.08	Precast Terrazzo Tiles 20 mm thick (Medium shade)	1 sqm	238.00
45	BMT-C.09	Precast Terrazzo Tiles 20 mm thick (dark shade)	1 Sqm	231.00
46	BMT-C.10	Supply & Fixing precast Terrazzo Tiles Marbleite in white & colour vains 20 mm thick	1 Sqm	250.00
47	BMT-C.11	Supply & Fixing precast Terrazzo Tiles Marbleite in white tiles 20 mm thick	1 Sqm	194.00
48	BMT-C.12	Supply & fixing Terrazzo tiles 20 mm thick grey tiles	1 Sqm	112.00
49	BMT-C.13	Vitrified polished floor tiles of size not less than 900 x 900 x 10 mm thickness	1 Sqm	1024.00
50	BMT-C.14	Vitrified polished floor tiles of size not less than 795 x 795 mm x 8 mm thickness	1 Sqm	903.00
51	BMT-C.15	Vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness glossy finish premium colours	1 Sqm	843.00
52	BMT-C.16	Vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness regular finish and normal colours	1 Sqm	723.00
53	BMT-C.17	Vitrified polished floor tiles of size not less than 400 x 400 x7mm thickness normal colours	1 Sqm	542.00
54	BMT-C.18	Glass Mosaic Tiles Group 1 series or equivalent quality 20x20x4 mm thick	1 Sqm	1144.00
55	BMT-C.19	Providing of Vitrified/ Ceramic Tile flooring for required areas using different sizes, approved colour and make fixing with LATICRETE ADHESIVE as Specified thickness with out joint including all taxes excluding cost of tiles 600 x 600 mm and above sizes tiles.	1 Sqm	124.00
56	BMT-C.20	Providing of Vitrified/ Ceramic Tile flooring for required areas using different sizes, approved colour and make fixing with LATICRETE ADHESIVE as Specified thickness with out joint including all taxes excluding cost of tiles 400 x 400 mm and below size tiles	1 Sqm	99.50
57	BMT-C.21	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles: 600 x 600	1 Sqm	141.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		mm tiles with 3 mm joints width		
58	BMT-C.22	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:600 x 600 mm tiles with 4 mm joints width	1 Sqm	148.00
59	BMT-C.23	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:400 x 400 mm tiles with 3 mm joints width	1 Sqm	142.00
60	BMT-C.24	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:400 x 400 mm tiles with 4 mm joints width	1 Sqm	150.50
61	BMT-C.25	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	148.00
62	BMT-C.26	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	160.50
63	BMT-C.27	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	155.00
64	BMT-C.28	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing specified colour cement based polymer grout of LATICRETE mixed with Laticrete 1776 grout admix plus or equivalent including all taxes excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	169.50
65	BMT-C.29	Providing Glass Mosaic tiles using specified pattern fixing with LATICRETE 252 Ag Silver white of Equivalent and Approved colour of joint filling with LATICRETE Cement grouting with admix of LATICRETE 1776. Including all taxes excluding cost of tiles	1 Sqm	246.00
66	BMT-C.30	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:600 x 600 mm tiles with 4 mm joints width	1 Sqm	286.00
67	BMT-C.31	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:400 x 400 mm tiles with 3 mm joints width	1 Sqm	235.00
68	BMT-C.32	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:400 x 400	1 Sqm	281.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		mm tiles with 4 mm joints width		
69	BMT-C.33	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	281.00
70	BMT-C.34	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	341.00
71	BMT-C.35	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	289.00
72	BMT-C.36	Providing tile flooring with LATICRETE ADHESIVE of specified thick and pointing with specified colour Latapoxy grout of LATICRETE SP-100 or equivalent excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	351.00
73	BMT-C.37	Providing Glass Mosaic tiles using specified pattern fixing with LATICRETE 252 Ag Silver white of Equivalent and Approved colour of joint filling with LATICRETE Cement grouting with admix of LATICRETE 1776. Including all taxes excluding cost of tiles	1 Sqm	236.50
74	BMT-C.38	Providing Glass Mosaic tiles using specified pattern fixing with LATICRETE 252 Ag Silver white of Equivalent and Approved colour of joint filling with LATICRETE LATAPOXY SP-100 or EQUIVALENT including all taxes excluding cost of tiles	1 Sqm	1054.00
75	BMT-C.39	Supply of wall tiles of Category - I of ULTRA or equivalent brand of any colour, design like Camroon, Sphinx, Opus with 10 mm thickness including all taxes	1 Sqm	350.00
76	BMT-C.40	Supply of wall tiles of Category - II of ULTRA or equivalent brand of any colour, design like Arrow, Bedrock, Eden, Gladstone, Mastro, Monarch, Plato, Santo, Ultra Brique, Rhine Stone with 10 mm thickness including all taxes	1 Sqm	400.00
77	BMT-C.41	Supply of wall tiles of Category - III of ULTRA or equivalent brand of any colour, design like Cleopatra, Simbel, Sixten, Spectra, Elmo, Elit with 10 mm thickness including all taxes	1 Sqm	450.00
78	BMT-C.42	Supply of sphinx or equivalent tiles for floor, wall / exterior: Regular series: floor : Veecumcy emerald, rainbow, plain tile thickness: 20 mm (various sizes)	1 Sqm	360.00
79	BMT-C.43	Supply of sphinx or equivalent tiles : Special economy series: floor & wall	1 Sqm	460.00
80	BMT-C.44	Sphinx - Elegance series: Floor tiles of thickness:15 mm and Wall tiles of thickness: 9 mm -15mm - Plain design tiles	1 Sqm	517.00
81	BMT-C.45	Sphinx - Elegance series: Floor tiles of thickness : 15mm and Wall tiles of thickness: 9 mm - 15 mm - Textured design tiles	1 Sqm	555.00
82	BMT-C.46	Sphinx - Elegance series: Floor tiles of thickness :15 mm and Wall tiles of thickness: 9 mm - 15 mm - Premium Plain design tiles	1 Sqm	747.00
83	BMT-C.47	Sphinx - Elegance series: Floor tiles of thickness : 15 mm and Wall tiles of thickness: 9 mm - 15 mm - Premium Textured design tiles	1 Sqm	777.00
84	BMT-C.48	Sphinx - Viceroy series: Floor tiles of thickness:15 mm and Wall	1 Sqm	975.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		tiles of thickness: 9 mm -15mm - Plain design tiles		
85	BMT-C.49	Sphinx - Viceroy series: Floor tiles of thickness : 15mm and Wall tiles of thickness: 9 mm - 15 mm - Textured design tiles	1 Sqm	999.00
86	BMT-C.50	Vitrified polished floor tiles of size not less than 1000 x 1000 x 10 mm thickness high glossy finish/ premium colours special series of make RAK ceramics/ Jhonson & Jhonson/ Kajaria/ Nitco / Marbonite	1 Sqm	1500.00
87	BMT-C.51	Vitrified polished floor tiles of size not less than 795 x 795 mm x 8 mm thickness high glossy finish/ premium colours special series of make RAK ceramics/ Jhonson & Jhonson/ Kajaria/ Nitco / Marbonite	1 Sqm	1325.00
88	BMT-C.52	Vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness glossy finish permium colours high glossy finish/ premium colours special series of make RAK ceramics/ Jhonson & Jhonson/ Kajaria/ Nitco /Marbonite	1 Sqm	1084.00
D		PAVING & INTERLOCKING TILES (landing cost - including cost of conveyance, loading & unloading)		
89	BMT-D.01	Chequered Terrazzo tiles of 22 mm thick (Medium shade) 0.254 M x 0.406 M	1 sqm	229.00
90	BMT-D.02	Chequered Terrazzo tiles of 22 mm thick (Dark shade) 0.254 M x 0.406 M	1 sqm	209.00
91	BMT-D.03	Chequered Terrazzo tiles of 30 mm thick (Light shade) 0.305 M x 0.305 M	1 sqm	209.00
92	BMT-D.04	Chequered Terrazzo tiles of 30 mm thick (Dark shade) 0.305 M x 0.305 M	1 sqm	222.00
93	BMT-D.05	Chequered Terrazzo tiles of 30 mm thick (medium shade) 0.305 M x 0.305 M	1 sqm	196.00
94	BMT-D.06	Supply, laying & fixing of 60 mm thick cement Mosaic reflective concrete pavers from "Super decorative floorings" make of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm.	610.00
95	BMT-D.07	Supply, laying & fixing of 30 mm thick cement Mosaic reflective concrete pavers from "Super decorative floorings" make of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm.	549.00
96	BMT-D.08	Supply of PHOENIX or Equivalent high strength Cement Concrete Designer Tiles of 30 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	484.00
97	BMT-D.09	Supply of PHOENIX or Equivalent high strength Cement Concrete interlocking Designer Pavers of 60 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	533.00
98	BMT-D.10	Supply of PHOENIX or Equivalent high strength Cement Concrete interlocking Designer Pavers of 80 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	606.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
99	BMT-D.11	Supply of PHOENIX or Equivalent high strength Cement Concrete interlocking Regular Pavers of 60 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	291.00
100	BMT-D.12	Supply of PHOENIX or Equivalent high strength Cement Concrete interlocking Regular Pavers of 80 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	315.00
101	BMT-D.13	Supply of pre-polished ready to lay floor tiles of ULTRA or equivalent brand of any colour, design and any size with 22 mm thickness including all taxes with compressive strength not less than 450 Kg/cm ² conforming to IS 516	1 Sqm	485.00
102	BMT-D.14	Supply of Step tiles of Category - I of ULTRA or equivalent brand of any colour, design like emperor, Dynasty with 25 mm thickness including all taxes	1 Sqm	555.00
103	BMT-D.15	Supply of Step tiles of Category - II of ULTRA or equivalent brand of any colour, design like Stefano, Brigadia, Ventura with 25 mm thickness including all taxes	1 Sqm	619.00
104	BMT-D.16	Supply of sphinx or equivalent tiles : Pavers: king's path, zig zag, dumb bells, I-block - thickness: 60 mm (various sizes)	1 Sqm	400.00
105	BMT-D.17	Supply of sphinx or equivalent tiles : Pavers: king's path, zig zag, dumb bells, I-block - thickness: 80 mm (various sizes)	1 Sqm	440.00
106	BMT-D.18	Supply of sphinx or equivalent tiles : Pavers: king's path, zig zag, dumb bells, I-block - thickness: 100 mm (various sizes)	1 Sqm	480.00
E		TIMBER & ROOFING MATERIALS (landing cost - including cost of conveyance, loading & unloading)		
		Note: Before proposing the Teak Wood Items, the estimating authorities shall obtain prior approval from the competent authority		
107	BMT-E.01	Medium Teak Wood scantlings: up to 2.0 M	1 cum	54738.00
108	BMT-E.02	Medium Teak Wood scantlings: 2.0 to 3.0 M	1 cum	58270.00
109	BMT-E.03	Medium Teak Wood scantlings: above 3.0 M	1 cum	61801.00
110	BMT-E.04	Medium Teak Wood Plancks: any thickness	1 cum	102414.00
111	BMT-E.05	Best Teak Wood scantlings: up to 2.0 M	1 cum	77693.00
112	BMT-E.06	Best Teak Wood scantlings: 2.0 to 3.0 M	1 cum	81225.00
113	BMT-E.07	Best Teak Wood scantlings: above 3.0 M	1 cum	84756.00
114	BMT-E.08	Best Teak Wood Plancks: any thickness	1 cum	116540.00
115	BMT-E.09	Burma Teak Wood scantlings: up to 2.0 M	1 cum	123603.00
116	BMT-E.10	Burma Teak Wood scantlings: 2.0 to 3.0 M	1 cum	127134.00
117	BMT-E.11	Burma Teak Wood scantlings: above 3.0 M	1 cum	130666.00
118	BMT-E.12	Burma Teak Wood Plancks: any thickness	1 cum	144793.00
119	BMT-E.13	Assam Teak Wood scantlings: any length	1 cum	35315.00
120	BMT-E.14	Assam Teak Wood Plancks: any thickness	1 cum	51207.00
121	BMT-E.15	Sal Wood scantlings: any length	1 cum	38847.00
122	BMT-E.16	Sal Wood Plancks: any thickness	1 cum	49441.00
123	BMT-E.17	A.C sheet Corrugated 6 mm thick	1 sqm	188.00
124	BMT-E.18	A.C sheet plain 4 m thick	1 sqm	135.00
125	BMT-E.19	A.C sheet plain 6 m thick	1 sqm	140.00
126	BMT-E.20	Plain or Corrugated Galvanized iron sheets as per IS 277 (0.1 mm	1 kg	50.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		to 0.8 mm thickness)		
F		MILD, GALVANIZED & STAINLESS STEEL (landing cost - including cost of conveyance, loading & unloading)		
127	BMT-F.01	MS. Hallow door frames manufactured by cold roll formed process steel sheet 1.25mm thick bright CRCA conforming to IS 4351 - 1976 with Hinges tower Bolts etc.	1 Rm	233.00
128	BMT-F.02	Country Nails	1 Kg	45.00
129	BMT-F.03	Wire Nails	1 Kg	45.00
130	BMT-F.04	Mild Steel Tubes & pipes of all diameters as per IS-1161	1 Kg	45.00
131	BMT-F.05	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters - 204 Grade	1 Kg	140.00
132	BMT-F.06	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters for - 304 Grade	1 Kg	210.00
133	BMT-F.07	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type A - IOWA Type Designation as per standard	1 Kg	59.00
134	BMT-F.08	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type B - Glidden Type Designation as per standard	1 Kg	59.00
135	BMT-F.09	Expanded metal sheets as per IS-412-1962- Light Weight-25 mm(SWM)x75 mm (LWM)3.25 mm Wide and 1.25 mm thick	1 Sqm	104.00
136	BMT-F.10	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	104.00
137	BMT-F.11	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	104.00
138	BMT-F.12	Expanded metal sheets as per IS-412-1962- Medium Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 1.60 mm thick	1 Sqm	143.00
139	BMT-F.13	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	143.00
140	BMT-F.14	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	143.00
141	BMT-F.15	Expanded metal sheets as per IS-412-1962- Heavy Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 2.24 mm thick	1 Sqm	163.00
142	BMT-F.16	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	163.00
143	BMT-F.17	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	163.00
144	BMT-F.18	GI (M.S) fly proof wire mesh 16 x 20 gauge	1 Sqm	155.00
145	BMT-F.19	SS fly proof mesh	1 Sqm	376.00
146	BMT-F.20	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	340.00
147	BMT-F.21	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	270.00
148	BMT-F.22	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 3"x3" (76 mm x 76 mm) - 8 Gauge	1 Sqm	230.00
149	BMT-F.23	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	170.00
150	BMT-F.24	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	410.00
151	BMT-F.25	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	340.00
152	BMT-F.26	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm)	1 Sqm	280.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		as per IS: 2721-1979 - PVC Coated - 3"x3" (76 mm x 76 mm) - 8 Gauge		
153	BMT-F.27	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	220.00
154	BMT-F.28	Rabbit wire mesh (chicken mesh)	1 Sqm	12.00
155	BMT-F.29	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths, interlocked together through their entire length and jointed together at the ends by end-locks, mounted on specially designed pipe shaft of 50mm dia nominal bore MS B class pipe with brackets, plates, guide channels, stoppers, bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete, painted with one coat of approved steel primer, locks, ball bearings, all accessories etc complete for finished item of work as per special spn: 1108	1 Sqm	2000.00
156	BMT-F.30	Supplying & fixing collapsible steel shutters with vertical, double channel of 20 x10x2 mm of 100 mm centre ,Bracers with flat iron 40x40x6 mm with 38 mm dia steel pulleys, the top, bottom and side vertical frames of the collapsible gate with 65x65mmx8mm MS Angle and middle guide rail at site height with 65mmx8mm MS flat for the pulleys to guide and fixed with necessary hold fasts, bolts, nuts, rivets, locking arrangements, stoppers, handles, all accessories all fixtures and painted with one coat of approved steel primer etc., complete for finished item of work as per special spn 1105	1 Sqm	1750.00
G		FIXTURES FOR DOORS & WINDOWS		
157	BMT-G.01	Brass Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	76.00
158	BMT-G.02	Brass Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	112.00
159	BMT-G.03	Brass Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	150.00
160	BMT-G.04	Brass Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	186.00
161	BMT-G.05	Brass Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	230.00
162	BMT-G.06	Aluminium Tower Bolt-10 mm Bolt (IS:204) 75 mm Long	Each	47.00
163	BMT-G.07	Aluminium Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	57.00
164	BMT-G.08	Aluminium Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	69.00
165	BMT-G.09	Aluminium Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	86.00
166	BMT-G.10	Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	103.00
167	BMT-G.11	Aluminium Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	120.00
168	BMT-G.12	Aluminium Tower Bolt-10 mm Bolt (IS:204) 350 mm Long	Each	324.00
169	BMT-G.13	Aluminium Tower Bolt-10 mm Bolt (IS:204) 450 mm Long	Each	410.00
170	BMT-G.14	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	18.00
171	BMT-G.15	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	27.00
172	BMT-G.16	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	38.00
173	BMT-G.17	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	51.00
174	BMT-G.18	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	63.00
175	BMT-G.19	Brass Butt hinges (IS:205)- 75 mm Long	Each	32.00
176	BMT-G.20	Brass Butt hinges (IS:205)- 100 mm Long	Each	104.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
177	BMT-G.21	Brass Butt hinges (IS:205)- 125 mm Long	Each	126.00
178	BMT-G.22	Brass Butt hinges (IS:205)- 150 mm Long	Each	166.00
179	BMT-G.23	Aluminium Butt hinges (IS:205)- 75 mm Long	Each	68.00
180	BMT-G.24	Aluminium Butt hinges (IS:205)- 100 mm Long	Each	81.00
181	BMT-G.25	Aluminium Butt hinges (IS:205)- 125 mm Long	Each	96.00
182	BMT-G.26	Aluminium Butt hinges (IS:205)- 150 mm Long	Each	100.00
183	BMT-G.27	MS-Powder Coated Butt hinges (IS:205)- 75 mm Long	Each	8.00
184	BMT-G.28	MS-Powder Coated Butt hinges (IS:205)- 100 mm Long	Each	16.00
185	BMT-G.29	MS-Powder Coated Butt hinges (IS:205)- 125 mm Long	Each	23.00
186	BMT-G.30	MS-Powder Coated Butt hinges (IS:205)- 150 mm Long	Each	31.00
187	BMT-G.31	Aluminium Door Handles (IS:208) 75 mm Long	Each	45.00
188	BMT-G.32	Aluminium Door Handles (IS:208) 100 mm Long	Each	51.00
189	BMT-G.33	Aluminium Door Handles (IS:208) 125 mm Long	Each	76.00
190	BMT-G.34	Aluminium Door Handles (IS:208) 150 mm Long	Each	85.00
191	BMT-G.35	MS-Powder Coated Door Handles (IS:208) 125 mm Long	Each	23.00
192	BMT-G.36	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	34.00
193	BMT-G.37	Brass Aldrop (IS:2681) 300 mm long	Each	675.00
194	BMT-G.38	Brass Aldrop (IS:2681) 350 mm long	Each	1299.00
195	BMT-G.39	Brass Aldrop (IS:2681) 450 mm long	Each	1850.00
196	BMT-G.40	Aluminium Aldrop (IS:2681) 200 mm long	Each	200.00
197	BMT-G.41	Aluminium Aldrop (IS:2681) 250 mm long	Each	238.00
198	BMT-G.42	Aluminium Aldrop (IS:2681) 300 mm long	Each	258.00
199	BMT-G.43	MS-Powder Coated Aldrop (IS:2681) 200 mm long	Each	80.00
200	BMT-G.44	MS-Powder Coated Aldrop (IS:2681) 250 mm long	Each	104.00
201	BMT-G.45	MS-Powder Coated Aldrop (IS:2681) 300 mm long	Each	124.00
202	BMT-G.46	Brass Door Stoppers	Each	135.00
203	BMT-G.47	Brass Windows Stay	Each	154.00
204	BMT-G.48	Aluminium Flat Latches: 200 mm long	Each	96.00
205	BMT-G.49	Aluminium Flat Latches: 250 mm long	Each	109.00
206	BMT-G.50	Aluminium Flat Latches: 300 mm long	Each	115.00
207	BMT-G.51	MS-Powder Coated Flat Latches: 250 mm long	Each	39.00
208	BMT-G.52	MS-Powder Coated Flat Latches: 300 mm long	Each	50.00
209	BMT-G.53	MS-Powder Coated - Door Stoppers	Each	34.00
210	BMT-G.54	Supply & fixing drapery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	RM	88.00
211	BMT-G.55	Supply & fixing drapery bracket - brass powder coated	pair	309.00
212	BMT-G.56	Deluxe window stay Aluminium	Each	88.00
213	BMT-G.57	Heavy duty Aluminium Door stopper	Each	38.00
214	BMT-G.58	Brass fancy handles 150 mm	Each	230.00
215	BMT-G.59	Brass fancy handles 200 mm	Each	312.00
216	BMT-G.60	Brass fancy handles 250 mm	Each	562.00
217	BMT-G.61	Brass fancy handles 300 mm	Each	718.00
218	BMT-G.62	Brass fancy handles 450 mm	Each	1122.00
219	BMT-G.63	Door closer automatic hyper brand IS 3564	Each	766.00
220	BMT-G.64	Double action brass plate floor spring Hyper brand IS 6315	Each	969.00
221	BMT-G.65	Providing and fixing Floor spring 1 st Quality for Aluminium door	Each	2422.00
222	BMT-G.66	Heavy duty mortise lock 6/7 levers with PC or CP handles complete set	Each	474.00
223	BMT-G.67	Heavy duty mortise lock 6/7 levers with brass heavy handles	Each	1651.00
224	BMT-G.68	Brass latch heavy 300 mm	Each	394.00
225	BMT-G.69	Brass latch heavy 350 mm	Each	453.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
226	BMT-G.70	Brass latch heavy 450 mm	Each	598.00
227	BMT-G.71	Friction stay hinges for windows	Each	74.00
228	BMT-G.72	Keyless lockset for toilet with CP or PC handles (complete set)	Each	213.00
229	BMT-G.73	Keyless lock set for toilet with brass handles	Each	565.00
230	BMT-G.74	Providing and fixing IS: 3564 marked Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with double speed adjustment, Hardwyn make (MYTEL) with necessary accessories and screws etc. complete	Each	710.00
231	BMT-G.75	Providing and fixing IS: 3564 marked Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with double speed adjustment, Hardwyn make (EDDY) with necessary accessories and screws etc. complete	Each	820.00
232	BMT-G.76	Providing and fixing IS: 3564 marked Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with double speed adjustment, Hardwyn make (GAZEL) with necessary accessories and screws etc. complete	Each	860.00
233	BMT-G.77	Providing and fixing double action hydraulic floor spring of approved brand manufacture IS:6315 marked, Hardwyn make M-3000 for doors including cost of cutting floors as required, embedding in floors and S.S.cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (weight capacity up to 130 kgs)	Each	2300.00
234	BMT-G.78	Providing and fixing double action hydraulic floor spring of approved brand manufacture Hardwyn make M-2000 for doors including cost of cutting floors as required, embedding in floors and S.S.cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (weight capacity up to 80 kgs)	Each	1800.00
235	BMT-G.79	Providing of Floor Spring IS: 6315 sleek in size Model HE-8400 with the S.S. Cover plates of Length 320mm x Breadth 130mm size along with the Top Patch (HE-20), Bottom Patch (HE-10), Door Lock (HE-50) and Pivot (502) Floor spring HE-8400 with Double Cylinder.	Each	8000.00
H		WATER PROOFING CHEMICALS & ADMIXTURES		
		Literature for usage / application of construction / water proofing materials, epoxies etc, may be obtained from manufacturers.		
236	BMT-H.01	Impervious Water Proofing compound	1 Kg	24.00
237	BMT-H.02	Providing Tar felting roof repairs duly applying one coat of appropriate grade of bitumen in hot condition @ 1.2 Kg/1Sqm of roof area, fixing tar felt (Manufactures to IS 1322/1972 specification), applying second coat of appropriate grade of hot bitumen at 1.20 Kg/1Sqm of roof area and spreading course aggregate (sand) at 0.063 cum per 1 Sqm of roof area finished item	1 Sqm	172.00
238	BMT-H.03	Providing waterproofing treatment by supplying and applying ROOFSHIELD-1500 OR EQUIVALENT (1.50 mm thickness, 2.25Kg per Sq. Mt and 20 X1 Mtr. roll with a centre core of 90 micron thickness HMHDPE film) Water Proofing Membrane. A) apply one coat of Bituminous Emulsion, first coat of bituminous grade 85/25, fix "ROOFSHIELD-1500 OR EQUIVALENT" water proofing membrane, apply second coat of Bitumen grade 90/15 after	1 Sqm.	285.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		sealing all the joints and abutments with a Gas torch and apply one coat of BITUMINOUS ALUMINIUM PAINT for heat resistance for finished item		
239	BMT-H.04	Providing Chemical Water proof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with water proofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 100 mm thick at the centre and 80 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical water proofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work. (with a guarantee of 10 years)	1 Sqm	475.00
240	BMT-H.05	Providing Chemical Water proof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with water proofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 80 mm thick at the centre and 60 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical water proofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work. (with a guarantee of 10 years)	1 Sqm	400.00
241	BMT-H.06	Construction Chemicals, Epoxy & Admixtures: Conflow SNP1 or Equivalent	1 liter	66.00
242	BMT-H.07	Construction Chemicals, Epoxy & Admixtures: Conflow SNP20 or Equivalent	1 litre	70.00
243	BMT-H.08	Construction Chemicals, Epoxy & Admixtures: Conflow SNPA or Equivalent	1 litre	88.00
244	BMT-H.09	Super plasticizer: Conflow SNS I or equivalent	Litre	78.00
245	BMT-H.10	Super plasticizer: Conflow SNS 2 or equivalent	Litre	78.00
246	BMT-H.11	Accelerating plasticizer: Conflow SNA or equivalent	Litre	84.00
247	BMT-H.12	Retarding plasticizer: Conflow SNR or equivalent	Litre	66.00
248	BMT-H.13	Air Entraining Agent: Conflow SNE or equivalent	Litre	56.00
249	BMT-H.14	Retarding super plasticizer: Conflow SNS-3 SPL	Litre	78.00
250	BMT-H.15	Retarding super plasticizer: Conflow SNS-3	Litre	92.00
251	BMT-H.16	Mortar plasticizer: Morflow SN 1	Litre	36.00
252	BMT-H.17	Integral water proofing: Conflow SNW1	Litre	128.00
253	BMT-H.18	Integral water proofing: Conflow SNW2	Kg	11.00
254	BMT-H.19	Integral water proofing: Conflow SNW2 - 750 Gms	Pack	35.00
255	BMT-H.20	Block Admixture: Conflow SNB	Litre	39.00
256	BMT-H.21	Sprayed Concrete Accelerator: Shotset SN1	Kg	24.00
257	BMT-H.22	Concrete surface Treatment: Curaid SN1	Litre	71.00
258	BMT-H.23	Concrete surface Treatment: Curaid SN2	Litre	76.00
259	BMT-H.24	Formwork & Mould Treatment: Shutterol SNU	Litre	77.00
260	BMT-H.25	Cleaning Agents: Uniklen SN1	Litre	49.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
261	BMT-H.26	Cleaning Agents: Uniklen SN2	Litre	66.00
262	BMT-H.27	Cleaning Agents: Uniklen SN3	Litre	146.00
263	BMT-H.28	Non-shrink Free flow grout: Expacrete SN50	Kg	13.00
264	BMT-H.29	Non-shrink Free flow grout: Expacrete SN70	Kg	14.00
265	BMT-H.30	Non-shrink Free flow grout: Expacrete SN90	Kg	20.00
266	BMT-H.31	Non-shrink Free flow grout: Expacem SN2	pack	29.00
267	BMT-H.32	Epoxy Resin Grouts: Expacrete SNE 1	Kg	724.00
268	BMT-H.33	Epoxy Resin Grouts: Expacrete SNE 3	pack	2635.00
269	BMT-H.34	Polyester Resin Grouts: Anchorset SN1	pack	181.00
270	BMT-H.35	Polyester Resin Grouts: Anchorset SN2	pack	1709.00
271	BMT-H.36	Floor Hardeners: Flortop SNC	Kg	28.00
272	BMT-H.37	Floor Hardeners: Flortop SNS	Kg	17.00
273	BMT-H.38	Epoxy Floor coating: Procoat SNF	Pack	592.00
274	BMT-H.39	Epoxy Floor coating: Procoat SNS	Pack	563.00
275	BMT-H.40	Essenputty SNE or Equivalent	Pack	272.00
276	BMT-H.41	Procoat SNZ or Equivalent	Pack	1333.00
277	BMT-H.42	Procoat SNL or Equivalent	Pack	955.00
278	BMT-H.43	Epoxy Self Leveling (Flooring system): Flortop SNSL	Pack	4035.00
279	BMT-H.44	Epoxy Self Leveling: Flortop SNSL-SPL	Pack	3128.00
280	BMT-H.45	Heavy Duty Epoxy Base (Flooring):Flortop SNM	Pack	1547.00
281	BMT-H.46	Flortop SNFM or Equivalent	Pack	1170.00
282	BMT-H.47	Epoxy resin primer: Florcoat SNP	Pack	658.00
283	BMT-H.48	Procoat SNC or Equivalent	Pack	1350.00
284	BMT-H.49	Procoat SNP or Equivalent	Pack	633.00
285	BMT-H.50	Procoat SNP2 or Equivalent	Pack	1098.00
286	BMT-H.51	Repair Products:Reprecrete SNC	Kg	14.00
287	BMT-H.52	Repair Products:Reprecrete SNE1	Pack	1358.00
288	BMT-H.53	Repair Products:Reprecrete SNW	Pack	906.00
289	BMT-H.54	Repair Products:Reprecrete SNW Mortar	Pack	280.00
290	BMT-H.55	Uniplug SN or Equivalent	Kg	35.00
291	BMT-H.56	Water Proofing Systems: Aqua coat SNF	Pack	2170.00
292	BMT-H.57	Water Repellents: Aquarepel SN1	Litre	74.00
293	BMT-H.58	Tile Adhesives: Tilegrip SNU	Kg	20.00
294	BMT-H.59	Bonding Adhesives: Conbond SNA	Litre	283.00
295	BMT-H.60	Bonding Adhesives: Conbond SNE	Pack	757.00
296	BMT-H.61	Supply of concare anti-corrosion admixture inhibitor liquid as per Central Electro Chemical Research Institute developed specification	Litre	207.00
297	BMT-H.62	HI-BOND: Concrete Plasticizers: HI-PLAST 01	Litre	45.00
298	BMT-H.63	Concrete Plasticizers: HI-PLAST 02	Litre	57.00
299	BMT-H.64	Concrete Plasticizers: HI-PLAST PA	Litre	75.00
300	BMT-H.65	Super Plasticizers: HI-PLAST SP	Litre	57.00
301	BMT-H.66	Super Plasticizers: HI-PLAST SP AR	Litre	57.00
302	BMT-H.67	Accelerating Plasticizers: HI-PLAST AR	Litre	72.00
303	BMT-H.68	Retarding Plasticizers: HI-PLAST RT	Litre	45.00
304	BMT-H.69	Air Entraining Agents: HI-PLAST A.E	Litre	45.00
305	BMT-H.70	Retarding Super Plasticizers: HI-PLAST SP RT	Litre	57.00
306	BMT-H.71	HI-PLAST RSP or Equivalent	Litre	75.00
307	BMT-H.72	Mortar Plasticizers: HI-PLAST MP	Litre	21.00
308	BMT-H.73	Integral Water Proofing compounds: HI-PROOF (L)	Litre	65.00
309	BMT-H.74	HI-PROOF (P) or Equivalent	Kg	9.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
310	BMT-H.75	Pack size 750 Gms	Pack	11.00
311	BMT-H.76	Block Admixtures: HI-ADMIX	Litre	22.00
312	BMT-H.77	Sprayed Concrete Accelerators: HI-ACCEL	Kg	22.00
313	BMT-H.78	Surface Treatments curing compounds: HI-CURE 01	Litre	57.00
314	BMT-H.79	Surface Treatments curing compounds: HI-CURE 02	Litre	60.00
315	BMT-H.80	Repair Products: HI-CRM	Kg	13.00
316	BMT-H.81	HI-CRM EX or Equivalent	Pack	1609.00
317	BMT-H.82	HI-CRM EXW or Equivalent	Pack	804.00
318	BMT-H.83	HI-CRM EX M or Equivalent	Pack	226.00
319	BMT-H.84	Water Proofing: HI-SHIELD or Equivalent	Pack	1772.00
320	BMT-H.85	Water Repellents: HI-REPEL or Equivalent	Litre	54.00
321	BMT-H.86	Adhesive Tile Adhesives: HI-ADHESIVE	Kg	18.40
322	BMT-H.87	Bonding Adhesives: HI-FIX HFA	Litre	244.00
323	BMT-H.88	HI-FIX HFE or Equivalent	Pack	670.00
324	BMT-H.89	HI-BOND Wall Putty Normal or Equivalent	25 Kg	375.00
325	BMT-H.90	HI-BOND Wall Putty Fine or Equivalent	25 Kg	310.00
326	BMT-H.91	HI-BOND Wall Putty Super Fine or Equivalent	25 Kg	336.00
327	BMT-H.92	HI-BOND Wall Putty Super Fine (Water Resistant) or Equivalent	25 Kg	971.00
328	BMT-H.93	BITUMINOUS HOT SEALING COMPOUND: Grade 'A' I.S.I excluding ST	1 Kg	26.00
329	BMT-H.94	Bitumen solution primer of approved quality	1 Kg	45.00
330	BMT-H.95	Tar Felt Type - 2 Grade - 1	1 sqm	74.00
I		GLASS		
331	BMT-I.01	Plain Float Glass 4 mm thick	1 sqm	334.00
332	BMT-I.02	Plain Float Glass 5 mm thick	1 sqm	427.00
333	BMT-I.03	Plain Float Glass 6 mm thick	1 Sqm	460.00
334	BMT-I.04	Plain Float Glass 8 mm thick	1 Sqm	713.00
335	BMT-I.05	Plain Float Glass 10 mm thick	1 Sqm	840.00
336	BMT-I.06	Plain Float Glass 12 mm thick	1 Sqm	1047.00
337	BMT-I.07	Tinted - Bronze/ Green Glass 4 mm thick	1 sqm	453.00
338	BMT-I.08	Tinted - Bronze/ Green Glass 5 mm thick	1 sqm	570.00
339	BMT-I.09	Tinted - Bronze/ Green Glass 6 mm thick	1 Sqm	638.00
340	BMT-I.10	Tinted - Bronze/ Green Glass 8 mm thick	1 Sqm	1021.00
341	BMT-I.11	Tinted - Bronze/ Green Glass 10 mm thick	1 Sqm	1304.00
342	BMT-I.12	Tinted - Bronze/ Green Glass 12 mm thick	1 Sqm	1562.00
343	BMT-I.13	Pin headed Glass 4 mm thick	1 sqm	220.00
344	BMT-I.14	Pin headed Glass 5 mm thick	1 sqm	376.00
345	BMT-I.15	Frosted / Ground Glass 4 mm thick	1 sqm	485.00
346	BMT-I.16	Frosted / Ground Glass 5 mm thick	1 sqm	609.00
347	BMT-I.17	Toughened Plain Glass 5 mm (including Glass)	1 sqm	962.00
348	BMT-I.18	Toughened Plain Glass 6 mm (including Glass)	1 sqm	1107.00
349	BMT-I.19	Toughened Plain Glass 8 mm (including Glass)	1 sqm	1606.00
350	BMT-I.20	Toughened Plain Glass 10 mm (including Glass)	1 sqm	1892.00
351	BMT-I.21	Toughened Plain Glass 12 mm (including Glass)	1 sqm	2182.00
J		PAINTS & POLISHES		
352	BMT-J.01	Cement Primer Waterbase Interior Gr- 1 Asian/ Berger/ Nerolac/ Saicoat/Indocem or Equivalent	1 Kg	100.00
353	BMT-J.02	Cement Primer Waterbase Exterior Gr-2 Asian/ Berger/ Nerolac/ Saicoat/Indocem or Equivalent	1 Kg	60.00
354	BMT-J.03	Red Oxide Iron Primer Paint Grade -1	1 Litre	90.00
355	BMT-J.04	Zinc Chromate Yellow Oxide Iron Primer paint Asian/ Berger/	1 Litre	130.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		Nerolac/ Saicoat/Indocem or Equivalent		
356	BMT-J.05	Wood Primer Asian/ Berger/ Nerolac/ Saicoat/Indocem or Equivalent	1 Litre	100.00
357	BMT-J.06	Putty for steel work Asian/ Berger/ Nerolac/ Indocem or Equivalent	1 Kg	100.00
358	BMT-J.07	Putty for wood work Asian/ Berger/ Nerolac/ Indocem or Equivalent	1 Kg	100.00
359	BMT-J.08	White Lead	1 Kg	72.00
360	BMT-J.09	Varnish Indocem Synthetic Clear Varnish Asian/ Berger/ Nerolac/ (Indocem Paints) Or Equivalent	1 Litre	100.00
361	BMT-J.10	Spirit	1 Litre	70.00
362	BMT-J.11	Linseed Oil	1 Litre	40.00
363	BMT-J.12	Thinner for Melamine polish/ French polish - Sheenlac	1 Litre	92.00
364	BMT-J.13	Thinner for Poly-urethane polish	1 Litre	190.00
365	BMT-J.14	French Polish	1 Litre	132.00
366	BMT-J.15	Wax Polish (Ready made)	1 Kg	400.00
367	BMT-J.16	Melamine Polish	1 Litre	221.00
368	BMT-J.17	Poly-Urethane Polish - Interior Grade	1 Litre	450.00
369	BMT-J.18	Poly-Urethane Polish - Exterior Grade	1 Litre	550.00
370	BMT-J.19	Fevicol/ Wood adhesive compound	1 Kg	156.00
371	BMT-J.20	Dry Powder Distemper	1 Kg	30.00
372	BMT-J.21	Oil Bound Washable Distemper Acrylic Based Asian/ Berger/ Nerolac/ Saicoat/Indocem or Equivalent	1 Kg	60.00
373	BMT-J.22	Plastic Emulsion Paint Asian/ Berger/ Nerolac/ Saicoat/Indocem or Equivalent	1 Litre	180.00
374	BMT-J.23	Royale Emulsion Paint	1 Litre	300.00
375	BMT-J.24	Water proof Cement paint of Snowcem/ Indocem Or Equivalent	1 Kg	35.00
376	BMT-J.25	Acrylic Exterior Emulsion Asian/ Berger/ Nerolac/ Saicoat/Indocem or Equivalent	1 Litre	136.00
377	BMT-J.26	Water proof Cement paint Snowcem Indocem or Equivalent	25 Kg	820.00
378	BMT-J.27	Surya Cem or equivalent quality	25 Kg	350.00
379	BMT-J.28	Anti Corrosive bitumen paint (Black) grade1 Indocem or Equivalent	1 Litre	360.00
380	BMT-J.29	Aluminium paint 1 st Grade Indocem or Equivalent	1 Litre	180.00
381	BMT-J.30	Synthetic Enamel paints in all shades Grade - I Asian/ Berger/ Nerolac / Indocem or Equivalent	1 Litre	170.00
382	BMT-J.31	Synthetic Enamel paints in all shades Grade - II Asian/ Berger/ Nerolac / Indocem or Equivalent	1 Litre	130.00
383	BMT-J.32	Supplying and finishing Synthetic plaster comprising of Acrylic emulsion binder with sieved fillers, application performance additives like thickeners, anti cracking and biocides - interior grade (Altek superfine/ sai coat/ Neon superfine or equivalent)	1 Sqm	60.00
384	BMT-J.33	Supplying and finishing Synthetic plaster comprising of Acrylic emulsion binder with sieved fillers, application performance additives like thickeners, anti cracking and biocides - interior water resistant grade (Altek superfine W/R / sai coat/ Neon/indocem or equivalent)	1 Sqm	60.00
385	BMT-J.34	Supplying and finishing Synthetic ready mix plaster comprising of Acrylic emulsion binder with bigger size sieved fillers, application performance additives like thickeners, surface levelling for heavy undulations - interior grade (Altek coarse / sai coat/	1 Sqm	70.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		Neon/indocem or equivalent)		
386	BMT-J.35	Supplying and finishing Synthetic ready mix plaster comprising of Acrylic emulsion binder with bigger size sieved fillers, application performance additives like thickeners, surface levelling for medium undulations - interior grade (Altek fine / sai coat/ Neon or equivalent)	1 Sqm	70.00
387	BMT-J.36	Supply & Application of Two Coats of Altek/sai coat/ Neon Super Fine, One Coat of Altek/ sai coat/ Neon Water Based Cement Primer & Two Coats of Altek Flora/ sai coat/ Neon/indocem super track for internal walls (Emulsion Paint)	1 Sqm.	95.00
388	BMT-J.37	Supply & Application of Two Coats of Altek/sai coat/ Neon/indocem Super Fine, One Coat of Altek/sai coat/ Neon Water Based Cement Primer & Two Coats of Delight for internal walls (Acrylic Washable Distemper)	1 Sqm.	90.00
389	BMT-J.38	Supply & Application One Coat of Altek/ sai coat/ Neon/indocem Water Based Cement Primer & Two Coats of Altek Harmony/sai coat/ Neon Espro with fungicides for exterior walls (Emulsion Paint Exterior Grade).	1 Sqm.	96.00
390	BMT-J.39	Supply & Application of One Coat of Altek/sai coat/ Neon/indocem Water Based Cement Primer & Two Coats of Altek Alltime/sai coat/ Neon weather flex for exterior walls (Acrylic Emulsion Paint Exterior grade)	1 Sqm.	110.00
391	BMT-J.40	Altek 1127 / Indocem Wall Magic/ Saicoat / Birla - Wallbond Putty with White Cement & Polymer Base/ Cement Based Putty	20 Kg	575.00
392	BMT-J.41	Altek Top Coat High UV resistant Exterior Paint	25 Kg	1403.00
393	BMT-J.42	Altek Deco Orient Base Exterior Texture	25 Kg	527.00
394	BMT-J.43	Altek Gold line Exterior Texture	25 Kg	1033.00
395	BMT-J.44	NCL Skim coat 1127 is white cement based, polymer modified dry mix putty, specially made to work on levelled, cement sponge finished interior and exterior surfaces. Supply and application of Two Coats of Cement based putty 1127, inclusive of all taxes for finished item of work	1 Sqm	65.00
396	BMT-J.45	Supply & application of One coat of Altek Water base Cement Primer & two coats of top coat high UV resistant & water resistant exterior paint, inclusive of all taxes for finished item of work	1 Sqm	60.00
397	BMT-J.46	Supply & application of One Coat Water based Cement Primer, One coat of Deco Orient Base Exterior Texture & two coats of Altek Harmony (Emulsion paint exterior grade) inclusive of all taxes for finished item of work	1 Sqm	205.00
398	BMT-J.47	Supply & application of One coat of Water based Cement Primer, One coat of Gold line Exterior Roller Finish, inclusive of all taxes for finished item of work	1 Sqm	215.00
399	BMT-J.48	Supply & Application of two coats of Saicoat Or Equivalent superfine acrylic spray plaster one coat of Saicoat water base cement primer and two coat of Saicoat Premium Emulsion for interior walls	1 Sqm	140.00
400	BMT-J.49	Supply & Application of one coat of Saicoat Or Equivalent water base cement primer exterior & two coat of Saicoat Weatherflex Elastomeric exterior emulsion with antifunges for exterior wall (Emulsion Paints Exterior Grade)	1 Sqm	160.00
401	BMT-J.50	Saicoat Or Equivalent Wallbond White Cement & Polymer base	1 Sqm	170.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		putty specially made to work on leveled, cement sponge finished interior and exterior surfaces,Supply and application of two coat of Saicoat Wallbond putty, one coat of Saicoat water base primer exterior & two coat of Saicoat Weatherflex elastomeric exterior emulsion, Inclusive of all taxes for finished item of work		
402	BMT-J.51	Supply and application of one coat of Saicoat Or Equivalent Re - Ino Texture & two coat Saicoat Weatherflex elastomeric exterior emulsion ,Inclusive of all taxes for finished item of work		260.00
K		PARTICLE BOARDS		
403	BMT-K.01	Plain Particle Board: Interior Grade - 6 mm thick	1 Sqm	183.00
404	BMT-K.02	Plain Particle Board: Interior Grade - 8 mm thick	1 Sqm	196.00
405	BMT-K.03	Plain Particle Board: Interior Grade - 10 mm thick	1 Sqm	216.00
406	BMT-K.04	Plain Particle Board: Interior Grade - 12 mm thick	1 Sqm	229.00
407	BMT-K.05	Plain Particle Board: Interior Grade - 18 mm thick	1 Sqm	282.00
408	BMT-K.06	Plain Particle Board: Interior Grade - 21.4 mm thick	1 Sqm	334.00
409	BMT-K.07	Plain Particle Board: Interior Grade - 25 mm thick	1 Sqm	353.00
410	BMT-K.08	Plain Particle Board: Interior Grade - 35 mm thick	1 Sqm	614.00
411	BMT-K.09	Plain Particle Board: Exterior Grade- 8 mm thick	1 Sqm	229.00
412	BMT-K.10	Plain Particle Board: Exterior Grade-12 mm thick	1 Sqm	255.00
413	BMT-K.11	Plain Particle Board: Exterior Grade-18 mm thick	1 Sqm	334.00
414	BMT-K.12	Plain Particle Board: Exterior Grade-21.4 mm thick	1 Sqm	392.00
415	BMT-K.13	Plain Particle Board: Exterior Grade-25 mm thick	1 Sqm	444.00
416	BMT-K.14	Plain Particle Board: Exterior Grade-35 mm thick	1 Sqm	726.00
417	BMT-K.15	Melamine faced Single Deco PPB- 8 mm thick	1 Sqm	475.00
418	BMT-K.16	Melamine faced Single Deco PPB- 12 mm thick	1 Sqm	538.00
419	BMT-K.17	Melamine faced Single Deco PPB- 18 mm thick	1 Sqm	624.00
420	BMT-K.18	Melamine faced Single Deco PPB- 25 mm thick	1 Sqm	707.00
421	BMT-K.19	Melamine faced Single Deco PPB- 35 mm thick	1 Sqm	1176.00
422	BMT-K.20	Melamine faced Twin Deco PPB- 8 mm thick	1 Sqm	546.00
423	BMT-K.21	Melamine faced Twin Deco PPB- 12 mm thick	1 Sqm	624.00
424	BMT-K.22	Melamine faced Twin Deco PPB-18 mm thick	1 Sqm	722.00
425	BMT-K.23	Melamine faced Twin Deco PPB-25 mm thick	1 Sqm	799.00
426	BMT-K.24	Melamine faced Twin Deco PPB-35 mm thick	1 Sqm	1503.00
427	BMT-K.25	Natural Colour-Insulating Board - 12 mm thick	1 Sqm	177.00
428	BMT-K.26	Natural Colour-Insulating Board - 18 mm thick	1 Sqm	261.00
429	BMT-K.27	Natural Colour-Insulating Board - 25 mm thick	1 Sqm	333.00
430	BMT-K.28	White Insulating Board - 12 mm thick	1 Sqm	216.00
431	BMT-K.29	White Insulating Board - 18 mm thick	1 Sqm	308.00
432	BMT-K.30	White Insulating Board - 25 mm thick	1 Sqm	274.00
433	BMT-K.31	Extra for veneered particle Board with commercial veneering on both sides.	1 Sqm	105.00
434	BMT-K.32	Extra for veneered particle Board with Veneering on both sides with one side teak veneered and other side commercial veneered	1 Sqm	222.00
435	BMT-K.33	Extra for veneered particle Board with Teak veneering on both sides	1Sqm	347.00
436	BMT-K.34	Medium Fibre Board: Interior Grade - 6 mm thick	1 Sqm	288.00
437	BMT-K.35	Medium Fibre Board: Interior Grade - 8 mm thick	1Sqm	327.00
438	BMT-K.36	Medium Fibre Board: Interior Grade - 12 mm thick	1 Sqm	438.00
439	BMT-K.37	Medium Fibre Board: Interior Grade - 15 mm thick	1Sqm	556.00
440	BMT-K.38	Medium Fibre Board: Interior Grade - 18 mm thick	1 Sqm	621.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
441	BMT-K.39	Medium Fibre Board: Interior Grade - 25 mm thick	1Sqm	883.00
442	BMT-K.40	Medium Fibre Board: Interior Grade - 30 mm thick	1 Sqm	1066.00
443	BMT-K.41	Medium Fibre Board: Interior Grade - 35 mm thick	1Sqm	1163.00
444	BMT-K.42	Medium Fibre Board: Exterior Grade - 6 mm thick	1 Sqm.	393.00
445	BMT-K.43	Medium Fibre Board: Exterior Grade - 8 mm thick	1 Sqm.	457.00
446	BMT-K.44	Medium Fibre Board: Exterior Grade - 12 mm thick	1 Sqm.	605.00
447	BMT-K.45	Medium Fibre Board: Exterior Grade - 15 mm thick	1 Sqm.	760.00
448	BMT-K.46	Medium Fibre Board: Exterior Grade - 18 mm thick	1 Sqm.	851.00
449	BMT-K.47	Medium Fibre Board: Exterior Grade - 25 mm thick	1 Sqm.	1135.00
450	BMT-K.48	Medium Fibre Board: Exterior Grade - 30 mm thick	1 Sqm.	1413.00
451	BMT-K.49	Medium Fibre Board: Exterior Grade - 35 mm thick	1 Sqm.	1669.00
452	BMT-K.50	MDF Board: Plain-Interior - 9 mm thick	1 Sqm	264.00
453	BMT-K.51	MDF Board: Plain-Interior - 12 mm thick	1 Sqm	301.00
454	BMT-K.52	MDF Board: Plain-Interior - 18 mm thick	1 Sqm	372.00
455	BMT-K.53	MDF Board: Plain-Interior - 25 mm thick	1 Sqm	448.00
456	BMT-K.54	MDF Board: Plain-Interior - 30 mm thick	1 Sqm	681.00
457	BMT-K.55	MDF Board: Plain-Interior - 35 mm thick	1 Sqm	805.00
458	BMT-K.56	MDF Board: Plain-Exterior - 9 mm thick	1 Sqm	346.00
459	BMT-K.57	MDF Board: Plain-Exterior - 12 mm thick	1 Sqm	372.00
460	BMT-K.58	MDF Board: Plain-Exterior - 18 mm thick	1 Sqm	489.00
461	BMT-K.59	MDF Board: Plain-Exterior - 25 mm thick	1 Sqm	613.00
462	BMT-K.60	MDF Board: Plain-Exterior - 30 mm thick	1 Sqm	805.00
463	BMT-K.61	MDF Board: Plain-Exterior - 35 mm thick	1 Sqm	929.00
464	BMT-K.62	MDF Board: Interior-One Side Laminated -9 mm thick	1 Sqm	415.00
465	BMT-K.63	MDF Board: Interior-One Side Laminated -12 mm thick	1 Sqm	469.00
466	BMT-K.64	MDF Board: Interior-One Side Laminated -18 mm thick	1 Sqm	545.00
467	BMT-K.65	MDF Board: Interior-One Side Laminated -25 mm thick	1 Sqm	613.00
468	BMT-K.66	MDF Board: Interior-One Side Laminated -30 mm thick	1 Sqm	886.00
469	BMT-K.67	MDF Board: Interior-One Side Laminated -35 mm thick	1 Sqm	945.00
470	BMT-K.68	MDF Board: Exterior-One Side Laminated -9 mm thick	1 Sqm	477.00
471	BMT-K.69	MDF Board: Exterior-One Side Laminated -12 mm thick	1 Sqm	534.00
472	BMT-K.70	MDF Board: Exterior-One Side Laminated -18 mm thick	1 Sqm	607.00
473	BMT-K.71	MDF Board: Exterior-One Side Laminated -25 mm thick	1 Sqm	709.00
474	BMT-K.72	MDF Board: Exterior-One Side Laminated -30 mm thick	1 Sqm	945.00
475	BMT-K.73	MDF Board: Exterior-One Side Laminated -35 mm thick	1 Sqm	1004.00
476	BMT-K.74	MDF Board: Interior-Both Side Laminated -9 mm thick	1 Sqm	474.00
477	BMT-K.75	MDF Board: Interior-Both Side Laminated -12 mm thick	1 Sqm	534.00
478	BMT-K.76	MDF Board: Interior-Both Side Laminated -18 mm thick	1 Sqm	613.00
479	BMT-K.77	MDF Board: Interior-Both Side Laminated -25 mm thick	1 Sqm	769.00
480	BMT-K.78	MDF Board: Interior-Both Side Laminated -30 mm thick	1 Sqm	945.00
481	BMT-K.79	MDF Board: Interior-Both Side Laminated -35 mm thick	1 Sqm	1004.00
482	BMT-K.80	MDF Board: exterior-Both Side Laminated -9 mm thick	1 Sqm	534.00
483	BMT-K.81	MDF Board: exterior-Both Side Laminated -12 mm thick	1 Sqm	606.00
484	BMT-K.82	MDF Board: exterior-Both Side Laminated -18 mm thick	1 Sqm	716.00
485	BMT-K.83	MDF Board: exterior-Both Side Laminated -25 mm thick	1 Sqm	784.00
486	BMT-K.84	MDF Board: exterior-Both Side Laminated -30 mm thick	1 Sqm	992.00
487	BMT-K.85	MDF Board: exterior-Both Side Laminated -35 mm thick	1 Sqm	1063.00
488	BMT-K.86	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-6 mm thick	1 sqm	159.00
489	BMT-K.87	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 8 mm thick	1 sqm	213.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
490	BMT-K.88	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 10 mm thick	1 sqm	261.00
491	BMT-K.89	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 12 mm thick	1 sqm	312.00
492	BMT-K.90	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 16 mm thick	1 sqm	412.00
493	BMT-K.91	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 20 mm thick	1 sqm	514.00
494	BMT-K.92	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 25 mm thick	1 sqm	643.00
495	BMT-K.93	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 30 mm thick	1 sqm	770.00
496	BMT-K.94	BISON PANEL CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276- 40 mm thick	1 sqm	1025.00
497	BMT-K.95	BISON LAM PRE LAMINATED CEMENT BONDEDPARTICLE BOARD- 6 mm thick	1 sqm	495.00
498	BMT-K.96	BISON LAM PRE LAMINATED CEMENT BONDEDPARTICLE BOARD- 8 mm thick	1 sqm	538.00
499	BMT-K.97	BISON LAM PRE LAMINATED CEMENT BONDEDPARTICLE BOARD- 10 mm thick	1 sqm	576.00
500	BMT-K.98	BISON LAM PRE LAMINATED CEMENT BONDEDPARTICLE BOARD- 12 mm thick	1 sqm	630.00
501	BMT-K.99	BISON LAM PRE LAMINATED CEMENT BONDEDPARTICLE BOARD- 16 mm thick	1 sqm	700.00
502	BMT-K.100	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3.Murk Standard size 8'X4' 10'X4'- 6mm thick	1 sqm	183.00
503	BMT-K.101	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3.Murk Standard size 8'X4' 10'X4'- 8mm thick	1 sqm	242.00
504	BMT-K.102	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3.Murk Standard size 8'X4' 10'X4'- 10mm thick	1 sqm	301.00
505	BMT-K.103	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3.Murk Standard size 8'X4' 10'X4'- 12mm thick	1 sqm	361.00
506	BMT-K.104	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3.Murk Standard size 8'X4' 10'X4'- 16mm thick	1 sqm	474.00
507	BMT-K.105	V-Board-Cement Bonded Board - 4mm Thick	1 Sqm	111.00
508	BMT-K.106	V-Board-Cement Bonded Board - 6mm Thick	1 Sqm	160.00
509	BMT-K.107	V-Board-Cement Bonded Board - 8mm Thick	1 Sqm	205.00
510	BMT-K.108	V-Board-Cement Bonded Board - 10mm Thick	1 Sqm	237.00
511	BMT-K.109	V-Board-Cement Bonded Board - 12mm Thick	1 Sqm	295.00
512	BMT-K.110	V-Board-Cement Bonded Board - 14mm Thick	1 Sqm	330.00
513	BMT-K.111	V-Board-Cement Bonded Board - 16mm Thick	1 Sqm	376.00
514	BMT-K.112	V-Board-Cement Bonded Board - 18mm Thick	1 Sqm	425.00
515	BMT-K.113	V-Board-Cement Bonded Board - 20mm Thick	1 Sqm	450.00
516	BMT-K.114	Laminate Sheets - Glossy Finish: 1.00 mm thick	1 Sqm	282.00
517	BMT-K.115	Laminate Sheets - Glossy Finish: 1.50 mm thick	1Sqm	405.00
518	BMT-K.116	Laminate Sheets - Glossy Finish: 1.80 mm thick	1Sqm	444.00
519	BMT-K.117	Laminate Sheets - Mat Finish: 1.00 mm thick	1 Sqm	301.00
520	BMT-K.118	Laminate Sheets - Mat Finish: 1.50 mm thick	1 Sqm	418.00
521	BMT-K.119	Laminate Sheets - Mat Finish: 1.80 mm thick	1Sqm	451.00
522	BMT-K.120	Teak Veneer Lamination - 4 mm thick - Pencil Grains	1 Sqm	316.00
523	BMT-K.121	Teak Veneer Lamination - 4 mm thick - Natural Grains	1 Sqm	582.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
L		PLYWOOD		
524	BMT-L.01	3 Ply - 4 mm thick Plywood(IS:303) MR Grade	1 Sqm	278.00
525	BMT-L.02	5 Ply - 6 mm thick Plywood(IS:303) MR Grade	1 Sqm	306.00
526	BMT-L.03	5 Ply - 8 mm thick Plywood(IS:303) MR Grade	1 Sqm	360.00
527	BMT-L.04	5 Ply - 9 mm thick Plywood(IS:303) MR Grade	1 Sqm	360.00
528	BMT-L.05	9 Ply - 12 mm thick Plywood(IS:303) MR Grade	1 Sqm	453.00
529	BMT-L.06	9 Ply - 15 mm thick Plywood(IS:303) MR Grade	1 Sqm	667.00
530	BMT-L.07	9 Ply - 18 mm thick Plywood(IS:303) MR Grade	1 Sqm	653.00
531	BMT-L.08	3 Ply - 4 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	318.00
532	BMT-L.09	5 Ply - 6 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	373.00
533	BMT-L.10	5 Ply - 8 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	465.00
534	BMT-L.11	5 Ply - 9 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	439.00
535	BMT-L.12	9 Ply - 12 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	573.00
536	BMT-L.13	9 Ply - 15 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	823.00
537	BMT-L.14	9 Ply - 19 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	826.00
538	BMT-L.15	3 Ply-4 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	412.00
539	BMT-L.16	5 Ply - 6 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	536.00
540	BMT-L.17	5 Ply - 9 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	687.00
541	BMT-L.18	9 Ply - 13 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	876.00
542	BMT-L.19	5 Ply - 9 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	896.00
543	BMT-L.20	9 Ply - 12 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1045.00
M		CEILINGS, WALL PARTITIONS & WALL LININGS		
544	BMT-M.01	Gypsum Board 0.595 M x 0.595 M of 12.5 mm thick as per IS 2095 -1992	1 Sqm	220.00
545	BMT-M.02	Gypsum Board 0.595 M x 0.595 M of 9 mm thick as per IS 2095 - 1992	1 Sqm	215.00
546	BMT-M.03	Gypsum Board Plain sheet 12.5 mm thick as per IS 2095 -1993	1 Sqm	200.00
547	BMT-M.04	G.I. Ceiling Angle - 25 mm x 10 mm x 0.55 mm	1 RM	65.00
548	BMT-M.05	G.I. Ceiling Section 51.5 mm x 26 mm x 10.5 mm x 0.55 mm thick	1 RM	74.00
549	BMT-M.06	G.I. Intermediate Section 45 mm x 15 mm x 15 mm x 0.9 mm	1 RM	73.00
550	BMT-M.07	G.I. Perimeter Channel - 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick	1 RM	65.00
551	BMT-M.08	G.I.-Precoated Fine line Grid 25 mm x 25 mm x 0.7 mm	1 RM	36.00
552	BMT-M.09	G.I.-Precoated Fine line Grid 15 mm x 25 mm x 0.7 mm	1 RM	33.00
553	BMT-M.10	GI - Precoated - T-Sec- 24 mm x 38 mm x 0.7 mm thick	1 RM	47.00
554	BMT-M.11	Hot dipped GI Angle - Precoated - Grid: 19 mm x 19 mm	1 RM	35.00
555	BMT-M.12	Polyester painted GI - T Section - 24 x 32 mm	1 RM	44.00
556	BMT-M.13	Polyester painted GI - T Section - 24 x 25 mm	1 RM	39.00
557	BMT-M.14	Polyester painted GI - T Section - 24 mm x 27 mm	1 RM	40.00
558	BMT-M.15	Aluminium Angle : 24 mm x 24 mm	1 RM	23.00
559	BMT-M.16	Anodised Aluminium T Section : 24 x 24.5 x 2.4 mm	1 RM	30.00
560	BMT-M.17	Connecting Clips	1 Each	2.00
561	BMT-M.18	Rawl Plug	1 Each	1.50
562	BMT-M.19	6 mm Nylon Rawl Plug	1 Each	2.50
563	BMT-M.20	Soffit Cleats	1 Each	1.50

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
564	BMT-M.21	Drywall Screws - 25 mm	1 Each	1.50
565	BMT-M.22	Jointing Compound	1 Kgs	25.00
566	BMT-M.23	Jointing Paper Tape	1 RM	5.00
567	BMT-M.24	Drywall Top Coat	1 Litre	125.00
568	BMT-M.25	Universal Holding Clips	1 Each	2.50
569	BMT-M.26	4 mm Dia GI Connecting Rod	1 RM	10.00
570	BMT-M.27	2 mm Dia GI Connecting Rod	1 RM	8.00
571	BMT-M.28	12 mm - Armstrong Mineral Fibre sheet 600 x 600	1 Sqm	385.00
572	BMT-M.29	15 mm - Armstrong Mineral Fibre sheet 600 x 600	1 Sqm	450.00
573	BMT-M.30	15 mm - Armstrong Tegular Edge 600 x 600	1 Sqm	485.00
574	BMT-M.31	12 mm - Daiken Mineral Fibre sheet 600 x 600	1 Sqm	390.00
575	BMT-M.32	15 mm - Daiken Mineral Fibre sheet 600 x 600	1 Sqm	460.00
576	BMT-M.33	15 mm - Daiken Tegular edge sheet 600 x 600	1 Sqm	500.00
577	BMT-M.34	12 mm - AMF Mineral Fibre sheet 600 x 600	1 Sqm	385.00
578	BMT-M.35	15 mm - AMF Mineral Fibre sheet 600 x 600	1 Sqm	450.00
579	BMT-M.36	15 mm - AMF Tegular edge sheet 600 x 600	1 Sqm	485.00
580	BMT-M.37	Supply of Thermocole 12 mm thick sheets	1 Sqm	23.00
581	BMT-M.38	Supply of Thermocole 19 mm thick sheets	1 Sqm	40.00
582	BMT-M.39	Supply & fixing 75mm thick metal stud partition using 12.5 mm thick Gypboard conforming to IS 2095-1982 screw fixed to either side to 48 mm studs of 0.55 mm thick with the 50 mm floor and ceiling channel 0.55 mm and the joints duly finished with joint compound, paper tape and two coats Dry wall top coat as per specification.	1 Sqm	1072.00
583	BMT-M.40	Providing wooden panelling 12 mm thick Novapan one side laminated sheet fixed on wooden frame of BT wood size 50.8 mm x 25.4 mm (2"x1") at distance of 609.6mm (2'-0") intervals of both ways providing 3/4" x 1/2" (19.05 mm x 12.7 mm) size BT wood ornamental cover beading and necessary screws, fevicol glue complete for finished item of work.	1 Sqm	1587.00
584	BMT-M.41	Supply , manufacturing , installing of library Rack of 19 mm thick ISI marked commercial ply All round boxing verticals, Horizontal for depth of 609.6mm (2'-0) and shelves with 3.5 mm thick teak veneer covered with on exposed surface externally and internally and each panels with 6mm thick ISI commercial ply with 3.5 mm thick teak veneer for glazed shutters teak wood size 55 mm x 28mm with 5 mm thick glass fixed with ornamental beading and other ornamental beading is covered as per drawing including brass hinges, ornamental handles, ball catchers, buffers, locking system etc, and all the commercial ply exposed edges are to be covered with 6 mm thick teak wood lipping. All the teak veneer and teak wood and ornamental beading is coated with polishing and a coat of melamine finish etc, for finished item of work.	1 Sqm	6796.00
585	BMT-M.42	Ramco-Hilux Calcium Silicate Boards - 6mm thick	1sqm	202.00
586	BMT-M.43	Ramco-Hilux Calcium Silicate Boards - 8mm thick	1sqm	270.00
587	BMT-M.44	Ramco-Hilux Calcium Silicate Boards - 10mm thick	1sqm	337.00
588	BMT-M.45	Ramco-Hilux Calcium Silicate Boards - 12mm thick	1sqm	404.00
589	BMT-M.46	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work- using 8mm thick Ramco	1sqm	1131.00

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		Hilux boards		
590	BMT-M.47	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work - Using 10mm thick Ramco Hilux boards	1sqm	1266.00
591	BMT-M.48	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work - Using 12mm thick Ramco Hilux boards	1sqm	1400.00
592	BMT-M.49	Supply and fixing of Ramco Hilux wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: using 8mmthick Ramco Hilux board	1sqm	671.00
593	BMT-M.50	Supply and fixing of Ramco Hilux wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: Using 10mm thick Ramco Hilux boards	1sqm	739.00
594	BMT-M.51	Supply and fixing of Ramco Hilux wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: Using 12mm thick Ramco Hilux boards	1sqm	806.00
595	BMT-M.52	Supply and Fixing 66mm thick metal stud partition using 2 layers of 12mm thick Ramco Hilux boards screw fixed to either side to 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm. The boards joints are to be staggered to avoid through passage. Ceramic wool of 50mm thick, 64kg/m3 density is to be placed in cavity of the partition. The joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification with out painting for finished item of work	1sqm	3759.00
596	BMT-M.53	Supply of Plaster of paris Boards 12 mm thick	1 Sqm	392.00
597	BMT-M.54	Supply of Plaster of Paris Boards 10 mm thick	1 Sqm	327.00
598	BMT-M.55	DECOCEIL DESIGNER CEILING BOARD - DECOCEIL Patterns: 1. Tikka 2. Forraplus 3. Chemerraplus (sizes 4x2 , 4x4 , 2x2) Thickness 3.2 mm	1 Sqm	232.00
599	BMT-M.56	Everest Cement Boards (High Pressure Steam Cured) 4 mm thick	1 Sqm.	112.00
600	BMT-M.57	Everest Cement Boards (High Pressure Steam Cured) 6 mm thick	1 Sqm.	170.00
601	BMT-M.58	Everest Cement Boards (High Pressure Steam Cured) 8 mm thick	1 Sqm.	221.00
602	BMT-M.59	Everest Cement Boards (High Pressure Steam Cured) 10 mm thick	1 Sqm.	247.00
603	BMT-M.60	Everest Cement Boards (High Pressure Steam Cured) 12 mm thick	1 Sqm.	320.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
604	BMT-M.61	Everest Cement Boards (High Pressure Steam Cured) 14 mm thick	1 Sqm.	320.00
605	BMT-M.62	Everest Cement Boards (High Pressure Steam Cured) 16 mm thick	1 Sqm.	374.00
606	BMT-M.63	Everest Cement Boards (High Pressure Steam Cured) 18 mm thick	1 Sqm.	400.00
607	BMT-M.64	Everest Cement Boards (High Pressure Steam Cured) 20 mm thick	1 Sqm.	455.00
608	BMT-M.65	Everest Designer Boards 4 mm thick	1 Sqm.	187.00
609	BMT-M.66	Everest Designer Boards 6 mm thick	1 Sqm.	280.00
610	BMT-M.67	Supply and fixing of E-board wall panelling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. - With 8 mm E-board	1 Sqm.	750.00
611	BMT-M.68	Supply and fixing of E-board wall panelling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. - With 6 mm E-board Designer	1 Sqm.	800.00
612	BMT-M.69	Supply and fixing double skin E-board partition with Frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the E-board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving 3 mm gap between two panels of width 2'-0" (610 mm). The gap will be covered with decorative moulding surface will be given a smooth finish over cement primer. The rate is inclusive of cost and conveyance of all materials and labour charges etc. complete.	1 Sqm.	1100.00
613	BMT-M.70	Providing and fixing of 50mm thick EVEREST SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick non-asbestos fibre reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x50x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x50x38mm duly fixed to the existing ceiling	1 sqm	1345.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 50mm EVEREST SOLID WALL PANELS, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete		
614	BMT-M.71	Providing and fixing of 75mm thick EVEREST SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick non-asbestos fibre reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x75x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x75x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 75mm EVEREST SOLID WALL PANEL panels, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete.	1 Sqm.	1722.00
615	BMT-M.72	BISON PANEL (IS 14276) FALSE CEILING-Supply and fixing of BISONPANEL (IS 14276) false ceiling using 8MM BISONPANEL with galvanized and pre painted steel T section of size 24mm x 38mm x 0.4mm for main T duty pre punched to accept cross T section of size 24mm x 30mm x 0.4mm duly punched at both ends for insertion into main T. The grid size will be 610mm x 610mm. The frame work (grid) is suspended to the roof by using G.I flat of 0.60mm or 14-gauge G.I wire with necessary fixers to the roof and frame work. BISONPANEL lay on the grid. The cost inclusive of necessary hardware, labor, one coat of primer (Both side) and two coats of smooth finish on visible side.	1Sqm	690.00
616	BMT-M.73	BISON PANEL (IS 14276) WALL PANELING-Supply and fixing BISONPANEL (IS 14276) wall paneling using 10 MM BISONPANEL with frame work made of GI stud section of size 48mm x 35mm x 0.55mm thick placed at every 610 mm C/C intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. BISONPANEL is to be fixed to frame by means of self tapping screws placed at every 300 mm intervals leaving 3mm gap between two panels. The cost inclusive of one coat of Altek primer and two coats of Altek smooth finish and cost & conveyance of all materials, labor charges etc. complete as per the direction of Engineer in charge.	1 Sqm	960.00
617	BMT-M.74	BISON PANEL (IS 14276) DOUBLE SKIN PARTITIONS-Supply and fixing BISONPANEL (IS 14276) double skin partition using with 10 MM BISONPANEL made out of G.I. track section of size 50mm x 35mm x 0.55 mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically	1 Sqm	1400.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		at 610mm intervals and at 1200mm intervals horizontally fixed to the wall by means of self expansion screws and caps to the wall and roof. BISONPANEL is to be fixed both sides of frame work by using self taping screws fixed at every 300mm intervals to the frame work leaving 3 mm gap between two panels. The cost inclusive with one coat of Alltek primer and two coats of Alltek smooth finish and cost and conveyance of all materials to site, labor charges etc., complete as per the direction of Engineer in charge.		
618	BMT-M.75	BISON LAM (Pre Laminated Cement Bonded Particle Board) DOUBLE SKIN PARTITIONS-Supply and fixing of BISONLAM double skin partition using with 12MM BISONLAM made out of G.I track section of size 50 mm x 35mm x 0.55mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm intervals horizontally. The frame is fixed by means of self expansion screws and caps to the wall / roof. BISON LAM is to be fixed both sides of the frame work by using 2mm thick electro plated CR flat section leaving 3mm gap between two panels. The cost inclusive of cost and conveyance of all materials to sites, other materials incidentals and labour charges as per the direction of Engineer in charges.	1 Sqm	2000.00
619	BMT-M.76	BISON LAM (Pre Laminated Cement Bonded Particle Board) WALL PANELING-Supply and fixing of BISONLAM wall paneling using 12MM BISONLAM with frame work made of G.I stud section of size 48mm x 35mm x 0.55mm thick placed at every 610mm intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. BISON LAM is to be fixed to frame by means of self-taping screws placed at every 300mm intervals leaving 3mm gap between two panels. The cost inclusive of Conveyance of materials, Labor charges etc., complete as per the direction of Engineer in charge	1 Sqm	1500.00
620	BMT-M.77	BISON LAM (Pre Laminated Cement Bonded Particle Board) ALUMINIUM PARTATIONS-Supply and fixing of BISON LAM aluminum glazed partitions using 10MM BISONLAM and 5.50 mm thick plain glass to full height. Using with BISON LAM to a height of 0.91 meter at bottom panel and remaining height with glass and aluminum sections anodized to 12 to 15 microns and of sections of size 37mm x 62mm and 1.5mm thickness with one meter centre to centre duly fixed with clip beading on both sides including fixing the frame to pillars by M.S. flats, bolts and nuts including cost and conveyance of all materials etc., complete	1 Sqm	2625.00
621	BMT-M.78	Providing and fixing 50mm thick "RAJSHRI" or Equivalent SEMI HEIGHT SOLID PVC PARTITION consisting of 49mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet(E.P.S.-Thermocole) stuck on both side with 2mm thick plain/printed /prelam PVC rigid foam sheets reinforced with frame work made from 35mmX5mm M.S. Angle. In between two M.S. Angles 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'C' channel of size 50X100mm with feathered edges shall be fixed on the floor & 50X75mm with feathered edges plain/printed /prelam PVC 'C' channel. In between adjoining EPS sandwiched PVC partitions panel 5mm	1 sqm	2700.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		thickX75mm width plain/printed/prelam PVC sheet feathered at edges shall be stuck on front & back face using solvent cement etc. in places where two partitions meet to form an 'L' shape the panels are joined 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'L' section of size 75mmX75mm with feathered edges shall be fixed on front & back side. This is done to maintain the symmetry of design. An additional 5mm thick PVC strip of 40mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive, complete as per direction of Engineer-in-Charge, manufacture's specification & drawing		
622	BMT-M.79	Providing and fixing "RAJSHRI" or Equivalent INSULATED PVC WALL PANELING shall consist of PVC insulated panels having wall thickness of 1mm /1.5mm/2mm PVC sheet and the desired thickness of EPS (dependent on the insulation required) screwed into the wall using screws of adequate length. The screws shall be placed at a distance of 150mm and shall be 25mm from the edge of the insulated panel on all four sides of the panel. The PVC strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck using solvent cement adhesive at the places where two panels are joined, so as to cover the screw of both the panels, using solvent cement. 90 heat bent strips of 5mm thick PVC sheets of width 75mm X75mm feathered at the edges shall be stuck at wall joints / pillars etc. , complete as per direction of Engineer-in-Charge, manufacture's specification & drawing	1 sqm	2000.00
623	BMT-M.80	RAJSHRI SOLID PVC WALL LINING Providing and fixing RAJSHRI or equivalent plain PVC rigid foam sheet wall panelling of thickness 5mm consisting of panels having size 1220mm X2440mm stuck on inner frame work of 25mm wide strips of 5mm thick PVC rigid foam sheet. The strips should have in their centre a groove of 6mm width and 2mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 405/407mm centre to centre. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 300mm. a groove of 2mm may be left at the joint of two panels for aesthetic looks. This framework is done for making existing wall surface in ensured level and for sticking the wall panelling sheet (panel) on it. The exact size of the panel and correspondingly of the grid may be varied depending on the size of the wall. However it must be ensured that a strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck at the places where two panels are joined, using solvent cement. , complete as per direction of Engineer-in-Charge, manufacture's specification & drawing	1 sqm	1900.00
624	BMT-M.81	Providing and fixing RAJSHRI or Equivalent false ceiling consisting of 600mmX600mm, Solid PVC insulation panels having wall thickness of 1mm thick plain PVC rigid foam sheet and EPS as defined in of desired thickness depending on insulation required shall be insert in a frame work made using anodized aluminium Tee section of sizes 1"X1" (25X25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2'X2' (600X600mm). The	1 sqm	1200.00

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		aluminium framework is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm.M.S. rods of required sizes to maintain proper level etc. the aluminium framework is supported on side wall with the use of aluminium 1"X1" (25X25mm) angles, complete as per direction of Engineer-in-Charge, manufacture's specification & drawing		
625	BMT-M.82	Inssula Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Fissura Fine Model	1 Sqm	329.00
626	BMT-M.83	Inssula Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Speckle Model	1 Sqm	367.00
627	BMT-M.84	Inssula Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Textura Model	1 Sqm	405.00
628	BMT-M.85	Inssula Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Standard Regular Edge	1 Sqm	415.00
629	BMT-M.86	Inssula Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Fissura Fine Model	1 Sqm	424.00
630	BMT-M.87	Inssula Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Speckle Model	1 Sqm	443.00
631	BMT-M.88	Inssula Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Textura Model	1 Sqm	481.00
632	BMT-M.89	Supply and fixing of PVC false ceiling on MS/GI made skeleton framework. The frame shall be 24 X 48mm MS tube section fixed along with the wall. The entire frame work shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm \pm 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, complete, for finished item of work.	1 Sqm.	1335.00
633	BMT-M.90	Supply and fixing of wall panelling on the framework of wooded rippers of 24 X 24mm of required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm \pm 0.3mm. The panels are joined with tongue and groove system. Necessary cut-outs for electrical connections to be provided at required places complete, for finished item of work.	1 Sqm.	1273.00
634	BMT-M.91	Supply and fixing of PVC Double Skin Partition. The entire framework shall be carried out by mild steel section having overall dimensions of 24 X 48mm with a wall thickness of 1.2mm. The entire framework shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm \pm 0.3mm both sides. Glass provision/Door provision can be provided along the partition wherever required. Partitions can be made full or half as per requirement complete, for finished item of work.	Sqm.	2219.00
635	BMT-M.92	NCL or Equivalent Partitions: Supply and fixing of partitions made of seccolor pre-painted steel (base steel as per IS 513 of 0.58 mm thick 'D' quality, galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick alkyd backer. Section for outer frame should be 46x52mm, section for shutter should be 46x46mm, section for mullion should be 46x70mm, section for beading should be 18x25mm and section for middle and bottom rail (Lock Rail and Kick Rail) of size should		

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		be 23x130mm. The partition should be paneled with 9mm pre-laminated particle board to a height of 0.91m from the bottom, and remaining height with 5mm thick plain glass With Ethyl Propylene Diamine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket Centre mullions are to be fixed using mullion cap. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphate. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, and complete for finished item of work.		
636	BMT-M.93	Fixed Partition: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm.	1 sqm	3591.00
637	BMT-M.94	Fixed Partition with Door: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm, section for shutter should be of 46x46mm and section for middle & bottom should be of size 23x130mm	1 sqm	4096.00
638	BMT-M.95	Supply & fixing of 50mm thick Aerocon/ V-panels sandwich Panels having Tongue and Groove joint for partitions and walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., as a complete item of work excluding finishing, fittings & fixtures.	Sqm.	1300.00
639	BMT-M.96	Supply & fixing of 75mm thick Aerocon/ V-Panel sandwich Panels having Tongue & groove joint for partitions And walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., As a complete item of work Excluding finishing, fittings & fixtures	Sqm.	1650.00
640	BMT-M.97	Aerocon/ V- Panels - 50mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	900.00
641	BMT-M.98	Aerocon/ V- Panels - 75mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	1175.00
N		DOORS		
642	BMT-N.01	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work	1 Rm	303.00
643	BMT-N.02	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm	1 Sqm.	2205.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive. Complete as per direction of Engineer-in-charge, manufacturer's specification & drawing for finished item of work.		
644	BMT-N.03	Providing and fixing 30mm thick "RAJSHRI" or Equivalent BRAND FACTORY MADE BOTHSIDE PRELAM SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded "Rajshri" Prelam Pac 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 450 angle on either side forming stiles; and 5mm thick, 95mm wide Rajshri Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered in 450 on the inner side to form top and bottom rail 115mm wide Rajshri Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rail shall be provided either side of the panel. 10mm (5mmX2) thick, 20mmwide cross Pac sheet shall be provided as gap insert for top and bottom rail. Panelling of 5mm thick both side Prelam Pac sheet to be fitted in the MS. Frame welded/ sealed to the stiles & rails with 7mm(5mm+2mm) thick X 15mm wide Pac sheet beading on inner side, and joined together with solvent cement adhesive etc. an additional 5mm thick Pac strip of 20mm width is to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive etc. complete as per direction of Engineer – in-charge, manufacture specification and drawing.	1 sqm	2700.00
645	BMT-N.04	Providing and fixing 30mm thick "RAJSHRI" or Equivalent BRAND FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, and 15mmX15mm for top and bottom rails. The MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded "Rajshri" single side Prelam Pac 'C' channel of size 30mmX50mm to form stiles. 5mm thick & 75mm wide single side prelim Pac sheets shall be for the top, bottom and lock rails. Panelling of 5mm thick one side Pac sheet to be fitted in the MS. Frame and sealed to the front (prelam side) stiles and rails (which should have a 5mm 45 bent portion as beading) and attached to the back (white/ivory) stiles and rails which should have a 10mm 90 bent portion as beading) using 2nos. 15mm wide X 5mm thick Pac sheet beading inside the 90 bent beading. All stiles, rails and beadings are to be joined to the panel using solvent cement etc. an additional 5mm thick Pac	1 sqm	2450.00

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		strip of 20mm width to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive and 10mm (5mmX2) thick, 20mm wide cross Pac sheet to be fitted as gap insert for top and bottom rail etc. complete as per direction of Engineer – in-Charge, manufacture specification and drawing.		
646	BMT-N.05	SUPPLY & FIXING or RAJSHRI or Equivalent SINGLE SIDE PRELAM SOLID PANEL PVC DOOR FRAME (CHOUKHAT) Providing and fixing factory made Pac single side Prelam door frame of the size 50X47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid Pac single side prelam sheet, meter cut at two corners and joined with 2nos. of 150mm long brackets of 1515mm MS.Square tube. The two vertical door profiles are to be reinforced with 19X19mm MS. square tube of 19guage. The door frame shall be fixed to the wall using 65/100mm long MS. Screws through the frame by using Pac fasteners. a minimum of 4nos. of screws to be provided for each vertical member and minimum 2nos. for horizontal member etc. complete as per manufacture specification and direction of Engineer-in-charge.	1 Rm	340.00
647	BMT-N.06	Providing and fixing 35mm thick "RAJSHRI" or Equivalent BRAND FACTORY MADE MOULDED DOOR SHUTTER consisting of sold core single leaf flush door of 30mm thickness, lipped with 15mm (5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. complete as per direction of Engineer-in-Charge, manufacture specification and drawing	1 sqm	2900.00
648	BMT-N.07	RAJSHRI or Equivalent MOULDED PVC DOOR – WOOD FREE Providing and fixing 30mm thick Rajshri Brand factory made Moulded door shutter- wood free consisting of frame made out of MS. tubes 19gauge thickness and size of 25mmX25mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High density EPS conforming to IS 4671-1984 bounded with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different plain and / or prelam colours after routing to the moulded design on one side and 2mm plain and / or prelam Pac sheet on other side of the EPS. The edge of panel to be sealed with lipping of 10mm wide PVC sheet bottom (made by sticking 2 rigid foam sheet of 5mm thickness using Pac solvent cement) and stiles sides 25mm(5mmX5) thick and 30mm width Pac sheet fitted along Ms. Tube for lock provision for lock height 5mm thick Pac sheet of size 150mmX100mm fixed with upper and lower face of inner side of EPS Panel etc. Complete as per direction of Engineer – in-Charge, manufacture specification and drawing	1 sqm	2475.00
649	BMT-N.08	Providing and fixing 30mm thick "RAJSHRI" or Equivalent BRAND FACTORY MADE WIRE MESH SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness	1 sqm	2200.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		and size of 19mmX19mm for stiles and 15mm for top, lock & bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. 19mmX19mm M.S. square tubes shall be covered with 5mm thick heat moulded "Rajshri" PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15mm shall be flat and 15mm shall be bent in 900 on the inner side to from top and bottom rail and 130mm wide PVC sheet out of which 100mm shall be flat and 154mm shall be bent in 900 on both side to from lock rail, 10mm(5mmX2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panel will be of G.I.wire mesh of 24gauge to be fitted in by 'C' channel of size 35mm X10mm on the either side in the stiles. The inner side 'C' channel is fixed by 19mmX19mm MS. Tube on both sides with screws. The wire mesh in top bottom & lock rail is sealed with 15mm X 15mm tube with G.I.wire 10mm(5mmX2) thick PVC strip of 25mm width is to be stuck& nails on both side of G.I. wire mesh interior at the top, bottom & lock rail. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawings		
650	BMT-N.09	Providing and fixing "RAJSHRI" PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SOR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 1 mm thick	1 sqm	377.00
651	BMT-N.10	Providing and fixing "RAJSHRI" PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SOR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 1.5 mm thick	1 sqm	430.00
652	BMT-N.11	Providing and fixing "RAJSHRI" PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SOR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 2.0 mm thick	1 sqm	485.00
653	BMT-N.12	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 25 mmthick conforming to IS:2202 of ANAND/RAAVILA/KUTTY/STANDARD/SHUBHDWAR/ITP	1 sqm	1168.00
654	BMT-N.13	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 30 mmthick conforming to IS:2202 of ANAND/RAAVILA/KUTTY/STANDARD/SHUBHDWAR/ITP	1 sqm	1208.00
655	BMT-N.14	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 35 mmthick conforming to IS:2202 of ANAND/RAAVILA/KUTTY/STANDARD/SHUBHDWAR/ITP	1 sqm	1301.00
656	BMT-N.15	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 25 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	595.00
657	BMT-N.16	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 30 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/	1 sqm	670.00

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		ITP		
658	BMT-N.17	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 35 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	734.00
659	BMT-N.18	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 40 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	874.00
660	BMT-N.19	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 20 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	784.00
661	BMT-N.20	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 25 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	874.00
662	BMT-N.21	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 30 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	979.00
663	BMT-N.22	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 35 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	1049.00
664	BMT-N.23	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 40 mmthick conforming to IS:2202 of ANAND/ RAAVILA/ KUTTY/ STANDARD/ SHUBHDWAR/ ITP	1 sqm	1118.00
665	BMT-N.24	Supply and fixing of E-board door shutter with alround style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick E-board with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 Nos. M.S. nickel coated 250 mm long 1 No. M.S. Tower bolts including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm.	1102.00
666	BMT-N.25	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. E-board shutter with alround 'U' lipping of size 15 X 18 X 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick E-board with necessary screws fixed at every 1'-0" interval 250 mm long aldrops 2 Nos. MS Nickel coated 250 mm long 1 No. MS tower bolt including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm.	1680.00
667	BMT-N.26	BISON PANEL (IS 14276) CUP BOARD SHUTTERS - Supply and fixing of BISONPANEL(IS 14276) cup board frames and shutters and using 16mm BISON PANEL dulypainted both sides with one	1 sqm	1506.00

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		coat of primer and two coats of synthetic / enamel paint of approved shade and brand including fixing of hardware like M.S. powder coated Piano hinges of size 18mm x 18mm, brass ball catches, Aluminum tower bolts and handles , Godrej locks, Fevicol, screws and nails including cost and conveyance of all materials, labor charges, all incidental and operational charges etc., complete for finished item of work at site as per the directions of Engineer in Charge.		
668	BMT-N.27	BISON PANEL(IS 14276) SINGLE DOOR SHUTTER -Supply and fixing BISONPANEL (IS 14276) single door shutter using with 16MM BISONPANEL with all-round "U" section of size 12mmx18mmx12mm made from 0.6 mm thick galvanized, color quoted cold rolled steel profiles with necessary screws fixed at every 304.8 mm intervals. The cost inclusive of MS Nickel coated Aldrops of size 255 mm long 2 Nos., 200 mm long tower bolts 1 No., 125 mm handles 2 Nos. 300 mm long "T" hinge cost and conveyance of all materials at site and applying 1 coat primer, 1 coat of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1250.00
669	BMT-N.28	BISON PANEL (IS 14276) DOUBLE DOOR SHUTTER -Supply and fixing of BISON PANEL(IS 14276) door shutters using with 16MM BISONPANEL with all round style "U" size of 20mmx18mm x20mm made from 0.6mm thick galvanized pre-painted cold rolled steel profiles with BISONPANEL separating two shutter with 30mmx18mmx30mm Stepped lipping with necessary screws fixed at every 1'-0" (304.8mm) intervals. Ms Nickel coated 250 mm long aldrops 2 no's, MS powder coated 250mm long tower bolt 2no's , & 2no's MS powder coated 125 mm long grip handle. Including cost and conveyance of all materials at site and applying one coat of primer, 2 coats of lappum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1708.00
670	BMT-N.29	BISON LAM (Pre Laminated Cement Bonded Particle Board) SINGLE SHUTTER - Supply and fixing of BISON LAM single door shutter using 16MM BISONLAM with all round section "U" size of mm thick galvanized pre-painted cold rolled steel profiles BISON LAM with necessary screws fixed at every 1'0" (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long aldrops 2 no's , MS powder coated 250mm long tower bolt 1 no's, 2no's MS powdercoated 125mm long grip handle, 1 no's M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labour charges etc., complete finished item of work.	1 Sqm	1500.00
671	BMT-N.30	BISON LAM (Pre Laminated Cement Bonded Particle Board) DOUBLE DOOR SHUTTER - Supply and fixing of BISON LAM double door shutter using 16MM BISONLAM with all round "U" section size of 20mm x 18mm x 20mm made from 0.6mm thick galvanized pre-painted cold rolled steel profiles with BISON LAM separating two shutter with 30mm x 20mm x 30mm stepped lipping with necessary screws fixed at every 1'0" (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long aldrops 2no's, MS powder coated 125mm long grip handle, 2 no's M.S.P.C. Door stopper. Including cost and conveyance of all	1 Sqm	1800.00

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		materials at site labour charges etc., complete finished item of work.		
672	BMT-N.31	Doors Frames (Colour Coated Steel Sections) & Shutter using Cement Bonded Particle Board as per IS 14276 (Bison Panel or Equivalent) : Providing and fixing of door frame made from cold roll formed sections made of galvanized (Base steel as per IS277 with zinc of 120 Gms/sqm) colour coated steel sections with total coated thickness of 1mm, primer coated with epoxy primer coat of 5-7 microns thick, finish paint with polyester paint of 12-16 microns. The Section for door frame is to be filled with polyurethane (P.U) form of 40kg/m3. Overall size of frame section should be of 50mm x 50mm. With necessary corner brackets, stiffeners, hinges, and screws. Cement Bonded particle board shutter (Bison Panel or Equivalent) "Single Leaf" with all round styles "U" section of size 12m x 18m x 12mm made from 0.6 mm thick galvanized, colour coated cold rolled steel profiles with 16mm thick Cement Bonded particle Board (Bison Panel or Equivalent) with necessary screws fixed at every 1'-0" (304.8mm) intervals. The cost inclusive of MS nickel coated Aldrop of size 250mm long 2nos. 200mm long tower bolt 1no., 125mm handles 2nos., cost and conveyance of all materials at site and applying one coat primer, one coat of luppum and two coats of synthetic enamel paint as per approved design for finished item of work	1 Sqm	2558.00
673	BMT-N.32	CUPBOARD FRAMES & SHUTTERS USING BISONLAM (Pre-Laminated Cement Bonded Particle Board) - Supply and fixing of BISONPANEL (IS 14276) box type cup board using BISONPANEL for making frame of size 100mm x 35mm using two sandwiched 16MM boards, one BISONPANEL and one BISONLAM with plain 35mm wood lipping. The Shutters are made of 16MM thick BISONLAM (Pre-Laminated Cement Bonded Particle Board) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size ¾" x ¾", Aluminum powder coated handles of size 4" (101.6mm), Aluminum tower bolt 4" (101.6mm) Godrej locks, screws, wood lipping and Fevicol etc., complete finish item of work.	1 Sqm	2250.00
674	BMT-N.33	BISON LAM (Pre laminated Cement Bonded Particle Board) SINGLE DOOR SHUTTERS - Supply and fixing of BISONLAM door shutter made out of U sections of size 12x14x12 made from 0.6mm thick pps sections with 12MM BISONLAM with necessary screws fixed at every 1'.0" intervals. The hardware consists of 250mm long aldrop – 2 Nos.150mm Handle- 1 No, 150 mm long ms powder coated tower bolt 1 no. nickle coated. The cost is inclusive of all incidentals, labor transportation charges.	1 Sqm	1500.00
675	BMT-N.34	Supply and fixing of V- Board door shutter with alround style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick V-board with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1400.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
676	BMT-N.35	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. V- Board shutter with alround style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick V-board with necessary screws fixed at every 1'-0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.,.	1 Sqm	1650.00
677	BMT-N.36	Supply and fixing Sintex or equivalent doors are made out of PVC section and panels. The overall dimension of the same is 33mm X 47mm with usual process variation and having a wall thickness of 1.5mm with a variation of ± 0.3 mm. The infill is seamless hallow multi chambered PVC single panel having an effective dimension of 762mm X 20mm having a wall thickness of 1mm ± 0.3 mm complete, for finished item of work.	Sqm.	2018.00
678	BMT-N.37	Supply and fixing PVC door frames made from extruded sections in overall dimensions of 40 X 48mm having a wall thickness of 1.5mm with usual process variation of ± 0.3 mm, complete, for finished item of work.	1 RM.	189.00
679	BMT-N.38	Supply and fixing of V-board wall panelling (water, fire and termite resistant) with frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick V- Board / Cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. Inclusive of all taxes: With 8 mm V- Board	1 Sqm	860.00
680	BMT-N.39	Supply and fixing double skin V- Board partition with Frame work made of GI stud profile of size 48x40x 10x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the V- Board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0"(610 mm). The Gap will be covered with a decorative moulding surface will be given a smooth finish over cement primer. The rate Inclusive of cost and conveyance of all materials and labour charges etc., Complete. DOUBLE SKIN PARTITION	1 Sqm	1300.00
681	BMT-N.40	Supply and fixing of PVC cupboards for kitchen and bedrooms shall be made out of multi chambered PVC sections having overall dimensions of 20 X 762mm with a wall thickness of 1.2mm ± 0.3 mm. The cabinets shall be made as per the requirements of the room with groove system. The PVC section surface shall be plain and laminated finish to have good look, completed, for finished item of work for SINTEX OR EQUIVALENT PVC CABINETS	1 Sqm.	4050.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
682	BMT-N.41	Supply and fixing of Sintex Frontura door shutter consisting of Sintex make or equivalent FRP (Fibre Reinforced Plastic) panels on either sides with depressed panelled design for door having overall wall thickness of 1.5mm + 0.35 mm with usual process variation. The core of the door shutter shall be filled with Polyurethane foam (PUF) injected with the help of Hydraulic Injection method, wooden black of 35mm x 31mm shall be provided on all four side of the door shutter. Necessary wooden blacks shall be provided to take up necessary hard wares and fixtures etc. with steel wire mesh at the centre of the door the rate inclusive of all taxes and finished item work. Max size: 838mm (W) x 2060mm(H) Colour GOLDEN BROWN. SINTEX FRONTURA DOOR SHUTTER (25MM THICK)	1 Sqm.	3120.00
683	BMT-N.42	Supply and fixing of Sintex Frontura door shutter consisting of Sintex make or equivalent FRP (Fibre Reinforced Plastic) panels on either sides with depressed panelled design for door having overall wall thickness of 1.5mm + 0.35 mm with usual process variation. The core of the door shutter shall be filled with Polyurethane foam (PUF) injected with the help of Hydraulic Injection method, wooden black of 35mm x 31mm shall be provided on all four side of the door shutter. Necessary wooden blacks shall be provided to take up necessary hard wares and fixtures etc. with steel wire mesh at the centre of the door the rate inclusive of all taxes and finished item work Max size: 838mm (W) x 2060 (H)Colour Golden Brown SINTEX FRONTURA DOOR SHUTTER (35MM THICK)	1 Sqm.	3400.00
684	BMT-N.43	Supply and fixing of Sintex Door shutter made from specially Hot Press Moulded SMC (Sheet moulding compound) sheets, Polyurethane core and PVC Frame section SMC sheets shall be made from SMC conforming to IS-13410 sheet shall have an average thickness of 1.5mm + 0.35mm.Core of the door shutter shall be filled with high density polyurethane foam, injected with the help of hydraulic injection method shutter frame to be made of PVC extruded section confirming to IS:10151:1982 of size 26mm x 47mm with a wall thickness of 1.5mm + 0.3mm corresponding to Sintex code DWUF 305. The hardware locations shall be reinforced with special polymeric reinforcement wooden blocks of suitable size. The corners of the shutter frame shall be reinforced with Polymeric 'L' shaped angle of size 105mm x 230mm corresponding to Sintex code PR-02 the lock rail shall be made from PVC extruded sections having overall dimensions of 26mm x 47mm 1.5mm + 0.3mm, with usual process variation corresponding to Sintex code DWUF 305 Combining two numbers. Wooden pieces are inserted on the periphery. Suitable MS Tube reinforcement shall be provided on vertical sides of shutter frame the rate inclusive of all taxes and finished item work Colour: White & Grey SINTEX ENDURA DOOR SHUTTER (26MM THICK)	1 Sqm.	2600.00
685	BMT-N.44	Supply and fixing of door shutters made of rigid PVC extruded hollow section(Nandi or equivalent) of 20mm X 200 mm with the wall thickness of 1.0mm +/- 0.1mm equally divided into 4 no's with tongue and groove locking arrangements. The shutter frame is made of 58 X 24 mm with the wall thickness of 1.5mm +/-	1 Sqm.	1570.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		0.15mm section mitre-cut and joined at 4 corners with 125mm X 225mm plastic brackets. The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods. Teak wood batons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter. PVC DOOR SHUTTER (Nandi or Equivalent)		
686	BMT-N.45	Supply and fixing of door shutters made of rigid PVC extruded hollow section(Nandi or equivalent) of 20mm X 200 mm with the wall thickness of 1.0mm +/- 0.1mm equally divided into 4 no's with tongue and groove locking arrangements. The shutter frame is made of 30mm X 79mm with the wall thickness of 1.5mm +/- 0.15mm section mitre-cut and joined at 4 corners with 125mm X 225mm plastic brackets. The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods. Teak wood batons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed onto the door shutter.	Sqm.	1795.00
687	BMT-N.46	Supply and fixing of door frame made of hollow extruded PVC section (Nandi or equivalent) having dimensions of 40 X 57mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metri-cut/ welded. PVC DOOR FRAME (Nandi or Equivalent)	1 RM	215.00
688	BMT-N.47	Supply and fixing of door frame made of hollow extruded PVC section (Nandi or equivalent) having dimensions of 40 X 46 mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be mitre cut/welded	1 RM	187.00
689	BMT-N.48	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	1022.00
690	BMT-N.49	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	1022.00
691	BMT-N.50	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	1022.00
692	BMT-N.51	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	881.00
693	BMT-N.52	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of	1 Sqm	881.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		work.: Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm		
694	BMT-N.53	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	881.00
695	BMT-N.54	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 60 mm	1RM	204.00
696	BMT-N.55	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Double shutter 5'-0" x 7'-0" (1524 x 2133.6mm) outer frame section size of 50 x 60 mm	1 RM	204.00
697	BMT-N.56	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	232.00
698	BMT-N.57	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	232.00
699	BMT-N.58	NCL or Equivalent Door Frames: Providing and fixing door frames fabricated from sections made of galvanized steel powder coated (base steel as per IS 513, galvanised as per IS 277 with zinc of 120 grams / square metre). The factory made section should be with a Powder Coating of pure Polyester Powder of 50-60 microns thick with total coated thickness of 1.25 mm. Size of door frame section should be of 105x60mm with a rebate of 38mm to accommodate 35mm thick door shutter. The frame section should have groove to insert gasket. The section of the door and fan light frame is to be filled with polyurethane foam. The frame section should be cut to length, and joined by way of welding and each frame should be provided with: a) 2mm thick MS powder coated butt hinges of 100mm long – 3 Nos. for single	1 RM	586.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		shutter, 6 Nos. for double shutter. b) CRCA Electroplates stiffeners of 6 Nos. – 3 in each vertical. c) 40mm x 200mm x 1.2mm hold fasts screwed to stiffeners – 6 Nos. with split end tail. d) Nylon Aldrop Receiver – 1 No. for single shutter frame. e) Tie Rod – 1 No		
700	BMT-N.59	Supply and fixing of ELIXIR OR EQUALENT DOOR FRAMES factory made Internal door frames without threshold, fabricated from pre-painted cold roll formed section 100mm x 60 mm made of galvanized (base steel as per IS – 513 'D' quality, galvanized as per IS-277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm, primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns. The frame section is to be filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections are cut to length and mitre joined by means of 1.25mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25mm thick electroplated stiffeners of size 150mm for fixing hold fasts and hinges together with the following MS Power coated fitting (Supply and fixing) of approved make a) 6 Nos M.S. Z. Type hold fasts made of 30mm x 3 mm MS flat of 230mm long, 3 Nos each side expandable PVC covered screw type fasteners b) 2.5 mm x 300 mm long 'T' hinges / 2.5mm x 50 mm x 100mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf /leaf) c) 12 mm Dia MS tie rod at bottom with necessary size of nuts on either side	1 RM	385.00
701	BMT-N.60	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - only two glass shutters sliding - 95 - Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)	1 sqm	5697.00
702	BMT-N.61	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - two glass shutters sliding and one mesh shutter sliding- 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter shall be made of	1 sqm	6406.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		50 x 26.5 x 2.0 mm uPVC profile section and fitted with nylon/polymer mesh and rollers/pulley duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)		
703	BMT-N.62	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - three glass shutters sliding - 112 - Series duly manufactured using UPVC reinforced profiles of 112.0 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)	1 sqm	5997.00
704	BMT-N.63	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) openable doors with openable shutters - 106-Series duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.25 mm for outer frames, 70 mm x 60 mm x 2.25 mm for mullion sections as per the need and 106 mm x 60 mm x 2.25 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and accessories for openable door - hinges of stainless steel grade 304- 3 Nos., per shutter handle with mazak alloy casting 1 No. per shutter, locking system suitably concealed 1 No., with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)	1 Sqm	7135.00
705	BMT-N.64	Sintex Door shutter, with shutter frame and infill panel made from PVC material confirming to IS: 10151-1982, The shutter frame made out of PVC Extruded sections having overall dimension of 47mm x 33mm with wall thickness of 1.2mm + 0.3mm with usual process variation corresponding to the Sintex code number DWUF 306. The shutter frame is given tapered	1 Sqm	925.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		shape to provide better grip to the infill panel end to drain out the water The Infill panel is made out of PVC Sections having Overall Dimensions of 200mmX 20mm with wall thickness of 1mm + 0.2mm with usual process variation corresponding to the Sintex code number SPUF 101. The shutter frames shall be mitre cut and joined at the corner. Polymeric “ L” type corners shall be provided at the corners to take up hardware & fixtures and shall be fixed with 10-20mm counter sunk fully threaded parallel shank steel screws. All the hardware locations shall be reinforced with special polymeric Bars as shown in the drawings. Stickers showing locations of different Hardware shall be pasted on the shutter. The infill panels shall be joined by tongue and groove method, WOODEN AND BP GREY COLOUR.		
706	BMT-N.65	Door shutter made out of PVC material confirming to IS: 10151-1982. The Infill Panel is made out of seamless one piece multi chamber PVC extruded sections having overall dimensions of 610mm x 20mm with wall thickness of 1mm + 0.2mm with usual process variation corresponding to the Sintex code number SPUF 128. The top and bottom edges of the shutter to be covered with end cap of the size 20mm x 11mm with usual process variation corresponding to Sintex Code Number DWUF 327. The door shutter to be reinforced with special polymeric reinforcements as shown in the drawing to take up necessary hardware's and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places, . WOODEN AND BP GREY COLOUR.	1 Sqm	1100.00
707	BMT-N.66	NCL or Equivalent Metal Door (Scientific Door): Providing & Fixing of Metal Door frames and door shutters made up of Galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Pure polyester powder upto 50-60 microns thick . Outer frame section should be of 100x 58mm x 1.2mm thick. Shutter section should be of 0.80 mm thick galvanized steel sheet pressed (roll formed) to provide a 46mm thick fully flush, double skin door shell Seam joints at stile edges. In-fill of Honeycomb Kraft paper is used to give the required rigidity and effective acoustic insulation. 6” Tower bolt – 1 No., 6” D handles – 2 Nos., 10” Aldrop – 1 No., Butt Hinges – 3 Nos, Mortise Lock of approved quality – 1 No. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work. Single leaf Door	1 Sqm	7500.00
708	BMT-N.67	NCL or Equivalent Metal Door (Scientific Door): Providing & Fixing of Metal Door frames and door shutters made up of Galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Pure polyester powder upto 50-60 microns thick . Outer frame section should be of 100x 58mm x 1.2mm thick. Shutter section should be of 0.80 mm thick galvanized steel sheet pressed (roll formed) to provide a 46mm thick fully flush, double skin door shell Seam joints at stile edges. In-fill of Honeycomb Kraft paper is used to give the required rigidity and effective acoustic insulation. 6” Tower bolt – 1 No., 6” D handles – 2 Nos., 10” Aldrop – 1 No., Butt Hinges – 3 Nos, Mortise Lock of approved quality – 1 No. The above frames should be fixed to the	1 Sqm	8000.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		concrete/masonry wall by means of self expanding screws complete for finished item of work. Double leaf Door		
709	BMT-N.68	Moulded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick of Masonite or equivalent doors - 30 mm thick	1 Sqm	1720.00
710	BMT-N.69	Moulded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick Masonite or equivalent doors - 35 mm thick	1 Sqm	1880.00
711	BMT-N.70	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 30 mm thick	1 Sqm	1400.00
712	BMT-N.71	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 35 mm thick	1 Sqm	1550.00
P		WINDOWS		
		BISON LAM (Pre Laminated Cement Bonded Particle Board) WINDOWS with Pre-Painted Steel Sections - Supply and fixing of factory made windows fabricated from pre-painted Cold rolled formed sections made of galvanized steel color coated sections (Base steel as per IS-512 D quality, galvanized as per IS-277 with Zinc of 120 gram/sqm) with total coated thickness of 0.6mm primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns), the sections for outer frame and center mullion (duly filled with PU form of 40 kg/Cum) should be of 60mm X 50mm, with provision for fixing glazed shutter. The section for glazed/paneled shutter should be of size 47mm x 20mm and another section of size 60mm x 23 mm should be provided for separating glazed and paneled portion. The section are cut to length and miter jointed with plastic corner brackets. The size of the corner brackets for a window outer frames 50mm x 60mm. the mullion section is to be fixed to the frame with plastic mullion cap.SZS 1. Stiffener plates of size 60mmx50mm made of 1.25mm thick CRCA electroplated are to be provided to fix window frames to concrete/masonry. Gasket is to be provided for fixing glass. 10mm BISON LAM both sides. 5mm thick color pin headed glass is to be provided for glazing and providing guard bars of 10mm square rods duly welded at 100mm pitch to MS flat section of size 18mm and 3 mm thick. Windows are to be fixed to wall by means of self expansion nylon cap(75) and electroplated wooden screws of size 100mm, together with the following (Supply and fixing) aluminum powder coated fittings A) 75mm long grip handles 1 no per shutter. B) 75mm long tower bolts 2 nos. per shutter. C) Heavy duty SS pivot hinges 2nos per shutter. D) MS Powder coated telescopic stay 1 no per shutter.		
713	BMT-P.01	BISON LAM (Pre Laminated Cement Bonded Particle Board) WINDOWS WITH PPS SECTIONS -Single shutter 2'0"x4'0" outer frame section size of 50mm x60mm shutter frame section size of 47 mm x 20mm and 60mm x23mm section provided for shutter frame mullion.	1 Sqm	3800.00
714	BMT-P.02	BISON LAM (Pre Laminated Cement Bonded Particle Board) WINDOWS WITH PPS SECTIONS - Double shutter 3'0" x4'0" outer frame section size of 50mm x60mm shutter frame section size of	1 Sqm	3838.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		47mmx20mm Mullion section size of 50mmx60mm for outer frame and 60mmx23mm section provided for shutter frame mullion.		
715	BMT-P.03	BISON LAM (Pre Laminated Cement Bonded Particle Board) WINDOWS WITH PPS SECTIONS - Double shutter 3'0" x3'0" outer frame section size of 50mm x60mm shutter frame section size of 47mmx20mm Mullion section size of 50mmx60mm for outer frame and 60mmx23mm section provided for shutter frame mullion	1 Sqm	4226.00
716	BMT-P.04	BISON LAM (Pre Laminated Cement Bonded Particle Board) WINDOWS WITH PPS SECTIONS- Double shutter 4'0" x4'0" outer frame section size of 50mm x60mm shutter frame section size of 47mmx20mm Mullionsection size of 50mmx60mm for outer frame and 60mmx23mm section provided for shutter frame mullion	1 Sqm	3800.00
717	BMT-P.05	BISON LAM (Pre Laminated Cement Bonded Particle Board) WINDOWS WITH PPS SECTIONS- Center fixed both side open able shutters 6'0" x4'0" outer frame section size of 50mmx60mm shutter frame section size of 47mmx20mm, Mullion section size of 50mmx60mm fixed beading section size of 18mmx25mm, and 60mmx23mm section provided for shutter frame mullion.	1 Sqm	3413.00
718	BMT-P.06	SINTEX OR EQUIVALENT OPENABLE WINDOW Supply and fixing of Sintex window shall be made out of extruded PVC section. The outer frame having overall dimensions of 40 X 48mm with a wall thickness of 1.5mm with usual process variation of ± 0.3 mm. The shutter frame having with overall dimensions of 26 X 47mm with wall thickness of 1.2mm ± 0.3 mm provided with 5mm glazing. The centre mullion having over all dimensions of 25 X 32.5mm ± 0.3 mm, complete, for finished item of work.	1 Sqm.	3008.00
719	BMT-P.07	SINTEX OR EQUIVALENT SLIDING 2 TRACK WINDOWS Supply and fixing of two tracks or three track sliding window the outer frame shall be 58 X 45mm with a wall thickness of 1.2mm ± 0.3 mm. The sliding shutter frame is made of PVC section 57 X 32mm with overall dimensions of 1.5mm ± 0.3 mm provided with 5mm glazing. Roller bearings and arrestor type handle cum lock shall be provided, complete, for finished item of work.	1 Sqm.	2680.00
		NCL or Equivalent PRE- PAINTED STEEL, WINDOWS, VENTILATORS & DOOR FRAMES. Supply and fixing of windows & top Hung and fixed louvered ventilators made of pre - painted steel (base steel as per IS 513 of -0.6 mm thick 'D' quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be 46 x 52 mm section for shutter should be 46 x 46 mm section for mullion should be 46 x 70 mm, and section for beading should be 18 x 25 mm and section for louvered ventilation should be 33 x57mm Box section. The windows should be panelled with 5mm thick plain float glass & 4 mm pinhead glass for ventilators with Ethyl propylene Diamine monomer Gasket (EPDM). The sections are to be cut to length mitre joined with corner bracket centre mullions are to be fixed using mullion cap. Handle made of high		

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		grade aluminium powder coated and nylon receiver. Gaskets made of Ethyl propylene Diamine monomer (EPDM). Corner brackets made of CRCA with Zinc Phosphate. Mullion caps made of glass filled nylon. The above frames should be fixed to the concrete /masonry wall by means of self expanding screws. including 10 mm square guard bars with 6" pitch complete for finished item of work.		
720	BMT-P.08	Windows: Single shutter 2'0 x 4'0 (609.6 x 1219.2 mm) Outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 sqm	4668.00
721	BMT-P.09	Windows: Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	4668.00
722	BMT-P.10	Windows: Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	4948.00
723	BMT-P.11	Windows: Double shutter 4'-0" x 4 '-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	4668.00
724	BMT-P.12	Windows: Double shutter 4'-0" x 4 '-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	4948.00
725	BMT-P.13	Windows: Double shutter 4'-6" x 4 '-6" (1371.6x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	4410.00
726	BMT-P.14	Windows: Centre fixed both side openable shutter 5'-0" x 4'-0" (1524x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	4410.00
727	BMT-P.15	Windows: Centre fixed both side openable shutter 6'-0" x 4'-0" (1828.8x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	4410.00
728	BMT-P.16	Windows: Centre fixed both side openable shutter 6'-0" x 4'-6" (1828.8x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	4410.00
729	BMT-P.17	Ventilators: Top Hung 2 '-0" x 2'-0" (609.6x609.6mm) outer frame section size of 46mm x 52 mm shutter frame section size of 46mm x 46 mm	1 Sqm	5114.00
730	BMT-P.18	Ventilators: Top Hung 4 '-0" x 2'-0" (1219.2x609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5114.00
731	BMT-P.19	Ventilators: Top Hung 4 '-0" x 3'-0" (1219.2x914.4mm) outer frame section size of 46 x 52m m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	5114.00
732	BMT-P.20	Ventilators: Fixed louvers 2'-0" x 2'-0" (609.6x609.6mm)(Box section) outer frame section size of 33 x 57 mm	1 Sqm	3510.00
733	BMT-P.21	Ventilators: Fixed louvers 4'-0" x 2'-0" (1219.2x609.6mm)(Box section) outer frame section size of 33 x 57 mm Mullion section size of 33 x 57	1 Sqm	3510.00
734	BMT-P.22	Ventilators: Fixed louvers 4'-0" x 3'-0" (1219.2x914.4mm) (Box	1 Sqm	3510.00

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		section) outer frame section size of 33 x 57 mm Mullion section size of 33 x 57		
		NCL or Equivalent ECO 3000 SERIES WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL PROVISION) Providing and Fixing of windows made of pre-painted steel (Base steel as per IS 513 of 0.6mm thick galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 48x50mm, centre mullion should be of 48x50mm, section for shutter should be of 47x20mm and Fixed glass beading section should be of 12x12mm. Outer frame and mullions to have rebate for Glazed shutter and a 20mm provision for Guard bars/Grills. The sections are to be cut to length metre joined with corner bracket. Centre mullion is to be fixed with mullion cap. Seccolor Handle, seccolor stay, 2 nos. of Stainless Steel heavy duty Pivot hinges shall be provided per shutter. The windows should be panelled with 5mm thick plain float glass. Rubber Gaskets are provided all around the glass. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, Including 10mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
735	BMT-P.23	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 48x50mm shutter frame section size of 47x20mm.	1 Sqm	4298.00
736	BMT-P.24	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm. Mullion section size of 48x50mm.	1 Sqm	4577.00
737	BMT-P.25	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm and mullion section should be of 48x50mm.	1 Sqm	4577.00
738	BMT-P.26	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	4038.00
739	BMT-P.27	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	4038.00
		NCL or Equivalent ECO 4000 SERIES WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL & FLYMESH PROVISION) Providing & Fixing of windows made of pre-painted steel (Base Steel as per IS 513 of 0.6mm thick galvanized as per IS 277 with zinc of 150 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 72x55mm, centre mullion should be of 72x50mm, Section for fixed glass beading section should be of 12x12mm and section for shutters should be of 47x20mm. Outer frame & mullion sections to have rebate for		

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		glazed shutters, fly mesh and a 20mm provision for guard bars/grills. Fly mesh shutter section should be of 20x40mm. The sections are to be cut to length metre joined with corner bracket. Centre mullions are to be fixed with mullion cap, seccolor stay, and seccolor handles, seccolor latch 2 Nos of heavy duty stainless steel pivot hinges shall be provided per Shutter. The windows should be panelled with 5mm thick plain float glass and S.S. Mesh for fly mesh shutter (304 grade). Rubber Gaskets are provided all around the glass. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws. Including 10mm Square guard bars with 6" (152.4mm) pitch , complete for finished item of work		
740	BMT-P.28	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 47x20mm.	1 Sqm	5706.00
741	BMT-P.29	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm. Mullion section size of 72x50mm.	1 Sqm	5984.00
742	BMT-P.30	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm and mullion section should be of 72x50mm.	1 Sqm	5984.00
743	BMT-P.31	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 47x20mm. Mullion section size of 72x50mm. Fixed beading section size of 12x12mm.	1 Sqm	5447.00
744	BMT-P.32	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 47x20mm. Mullion section size of 72x50mm. Fixed beading section size of 12x12mm.	1 Sqm	5447.00
745	BMT-P.33	NCL or Equivalent Sliding Windows Providing and Fixing Sliding Window fabricated from Roll formed sections made of galvanized Steel colour coated/powder coated (Base Steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 GM/Sq.mtr) with total coated thickness of 0.60mm. Primer coat with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. Section for external frame bottom should be of 79x44mm, external frame sides and top should be of 69x24mm, guide for top and bottom should be of 69x26mm (Stainless Steel). Section for shutter should be of 26x30mm. The windows should be panelled with 5mm thick plain float glass. Corner bracket for internal and external frame made of glass filled nylon. Gaskets are to be made of Ethyl Propylene Diamine Monomer (EPDM). The sections are to be cut to length, joined and assembled by means of corner bracket. The above frames should be fixed to the concrete/masonry walls by means of self expanding brackets & screws including 10mm square guard bars with 6" pitch (152.4mm) and all Taxes complete for finished item of work	1 sqm	4948.00

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		ELIXIR SUPER SERIES OR EQUIVALENT PRE – PAINTED STEEL WINDOWS / VENTILATORS & DOOR FRAMES Supply and fixing of windows & top hung and fixed louvered Ventilators made of pre – painted steel (base steel as per IS 513 of -0.6 mm thick 'D' quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint, of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be 46 x 52 mm, section for shutter should be 46 x 46 mm, section for mullion should be 46x70 mm, and section for beading should be 18x25 mm and section for louvered ventilator should be 33x57 mm Box section. The windows should be panelled with 5 mm thick plain float glass & 4 mm pinhead glass for ventilators with Ethyl propylene Diamine monomer Gasket (EPDM). The sections are to be cut to length, mitre joined with corner bracket and centre mullions are to be fixed using mullion cap. Handle made of high grade aluminium powder coated and nylon receiver. Gaskets made of Ethyl propylene Diamine monomer (EPDM). Corner brackets made of CRCA with Zinc phosphate. Mullion caps made of glass filled nylon. The above frames should be fixed to the concrete / masonry wall by means of self expanding screws. Including 10 mm square bars with 6" pitch complete finished item of work including all taxes.		
746	BMT-P.34	WINDOWS Single shutter 2'0x4'0(609.6x1219.2 mm) Outer frame section size of 46x52 mm shutter frame section size of 46x46mm	1 Sqm	4535.00
747	BMT-P.35	WINDOWS Double shutter 3'- 0" X 4' – 0" (914.4MM X 1219.2MM) outer frame section size of 46x52 mm shutter frame section size of 46x46 mm	1 Sqm	4535.00
748	BMT-P.36	WINDOWS Double shutter 3'- 0" x 4'- 0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46x46 mm mullion section size of 46 x 70 mm	1 Sqm	4806.00
749	BMT-P.37	WINDOWS Double shutter 4' – 0" x 4' – 0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	4677.00
750	BMT-P.38	WINDOWS Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm mullion section size of 46 x 70mm	1 Sqm	4535.00
751	BMT-P.39	WINDOWS Double shutter 4'-6" x 4'-6" (1371.6 x 1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46mm Mullion section size of 46 x 70 mm	1 Sqm	4284.00
752	BMT-P.40	WINDOWS Centre fixed both side openable shutter 5'-0" x 4'-0"(1524x1219.2mm) outer frame section size of 46x52 mm shutter frame section size of 46 x 46 mm mullion section size of 46 x 70 mm fixed beading section size of 18 x 25mm	1 Sqm	4284.00
753	BMT-P.41	WINDOWS Centre fixed both side openable shutter 6'-0" x 4'-0" (1828.8 x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm mullion section size of 46 x 70 mm fixed beading section size of 18 x 25mm	1 Sqm	4284.00
754	BMT-P.42	WINDOWS Centre fixed both side openable shutter 6'-0" x 4'-6" (1828.8 x 1371.6 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm mullion section size of	1 Sqm	4284.00

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		46 x 70 mm fixed beading section size of 18 x 25mm		
755	BMT-P.43	Ventilators : Top hung 2' – 0" x 2' -0" (609.6 x 609.6mm) outer frame section size of 46 mm x 52mm shutter frame section size of 46mm x 46mm	1 Sqm	4992.00
756	BMT-P.44	Ventilators : Top hung 4'-0" x 2'-0" (1219.2 x 609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46x46mm mullion section size of 46 70 mm	1 Sqm	4992.00
757	BMT-P.45	Ventilators : Top hung 4'-0" x 3'=0" (1219.2 x 914.4mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm mullion section size of 46 x 70mm	1 Sqm	4992.00
758	BMT-P.46	Ventilators : Fixed louvers 2'-0" x 2'-0"(609.6x 609.6mm)(Box section) outer frame section size of 33x57mm	1 Sqm	3417.00
759	BMT-P.47	Ventilators : Fixed louvers 4'-0" x 2'-0" (1219.2 x 609.6mm)) (Box section) outer frame section size of 33x57mm mullion section size of 33 x 57	1Sqm	3417.00
760	BMT-P.48	Ventilators : Fixed lovers 4'-0" x 3'-0" (1219.2 x 914.4 mm) (Box section) outer frame section size of 33 x 57 mm mullion section size of 33 x 57	1 Sqm	3417.00
		ELIXIR E 1000 SERIES OR EQUIVALENT WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL PROVISION) Providing and fixing of windows made of pre-painted steel (base steel as per IS 513 of 0.6mm thick galvanized as per IS 277 with zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 48x50mm, centre mullion should be of 48x50mm, section for shutter should be of 47x20mm and fixed glass beading section should be of 12x12mm. Outer frame and mullions to have rebate for glazed shutter and a 20mm provision for guard bars/grills. The sections are to be cut to length meter joined with corner bracket. Centre mullion is to be fixed with mullion cap. Handle, 2 nos of stainless steel heavy duty pivot hinges shall be provided for shutter. The window should be panelled with 5mm thick plain float glass. Rubber gaskets are provided all around the glass. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, including 10mm square guard bars with 6" (152.4 mm) pitch etc., complete for finished item of work including of all taxes.		
761	BMT-P.49	Single shutter window 2'0"x4'0" (609.6mm x 1219.2mm).outer frame section size of 48x50mm shutter frame section size of 47x20mm.	1 Sqm	4154.00
762	BMT-P.50	Double shutter window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm. mullion section size of 48x50mm	1 Sqm	4424.00
763	BMT-P.51	Double shutter window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm and mullion section should be of 48x50mm	1 Sqm	4424.00
764	BMT-P.52	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of	1 Sqm	3903.00

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		48x50mm. Fixed beading section size of 12x12mm.		
765	BMT-P.53	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	3903.00
		ELIXIR E-2000 SERIES, OR EQUIVALENT WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL & FLYMESH PROVISION) Providing & fixing of windows made of pre-painted steel (Base steel as per IS 513 of 0.6mm thick galvanized as per IS 277 with zinc of 150 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 72x55mm, centre mullion should be of 72x50mm, section for fixed glass beading should be of 12x12mm and section for shutter should be of 47x20mm. Outer frame & mullion sections to have rebate for glazed shutters, fly mesh and 20 mm provision for guard bars/grills fly mesh shutter section should be of 20x40mm. The sections are to be cut to length m1 Sqm joined with corner bracket. Centre mullions to be fixed with mullion cap. Elixir or equivalent stay, handles latch 2nos of heavy duty stain less steel pivot hinges shall be provided per shutter. The windows should be panelled with 5 mm thick plain float glass and S.S. Mesh for fly mesh shutter (304 grade). Rubber Gaskets are provided all around the glass. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws. Including 10mm square guard bars with 6" (152.4mm) pitch, complete for finished item of work including of all taxes.		
766	BMT-P.54	Single shutter window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 47x20mm.	1 Sqm	5515.00
767	BMT-P.55	Double shutter window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm. Mullion section size of 72x50mm.	1 Sqm	5784.00
768	BMT-P.56	Double shutter window with vertical mullion 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm and mullion section should be of 72x50mm.	1 Sqm	5784.00
769	BMT-P.57	Centre fixed both side openable shutter window 5'0"x4'0"(1524mm x 1219.2mm).outer frame section size of 72x50mm. Shutter frame section size of 47x20mm and mullion section size of 72x50mm. Fixed beading section size of 12x12mm.	1 Sqm	5265.00
770	BMT-P.58	Centre fixed both side openable shutter window 6'0" x 4'0" (1828.8mm x 1219.2mm). Outer frame section size of 72x50mm.shutter frame section size of 72 x 50mm. Fixed beading section size of 12x12mm.	1 Sqm	5265.00
771	BMT-P.59	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. : Single shutter 2'-0" x 4'-0" (1 Sqm	1037.00

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		609.6 x 1219.2mm) Shutter section size 20 x 40mm		
772	BMT-P.60	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	1037.00
773	BMT-P.61	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	1037.00
774	BMT-P.62	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Single shutter 2'-0" x 4'-0" (609.6 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	894.00
775	BMT-P.63	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	894.00
776	BMT-P.64	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2 mm) shutter section size 20 x 40 mm	1 Sqm	894.00
777	BMT-P.65	ELIXIR or Equivalent Supply and fixing fly mesh window with sections made of pre painted steel (Base steel as per IS 513 of 'D' quality, Galvanized as per IS 277 with zink of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12 to 16 microns thick and back coated with 5-7 microns thick alkyd baker with total coated thick ness of 0.6 mm for shutter frame and 0.8 for outer frame. Section for outer frame should be of 30x30mm and fly mesh shutter section should be of 20x40mm outer frame sections to have rebate for fly mesh shutters. The sections are to be cut to lengh metre jointed with corner bracket. Aluminum 'T' section of double shutter & above. The mesh is of ss for fly mesh shutter (304 grade) and EPD gasket is provided for fixing up the fly mesh. The above frames should be fixed to the concrete/ masonry wall by means of left expending screws. Elixir latch, 2 nos of heavy duty GI pivot hinges shall be provided per shutter (304 grade). All taxes complete for finished item of work.	1 Sqm	3678.00
778	BMT-P.66	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows two track sliding - 62-Series duly manufactured using UPVC reinforced profiles of 62 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 38 mm x 2.25 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering	1 Sqm	5424.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/Polywood/ Sintex/NCL/Fenesta etc)		
779	BMT-P.67	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows three track - only two glass shutters sliding - 80-Series duly manufactured using UPVC reinforced profiles of 80 mm x 52 mm x 2.25 mm for outer frames, 54 mm x 38 mm x 2.25 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)	1 Sqm	5341.00
780	BMT-P.68	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows three track - two glass shutters sliding and one mesh shutter - 80-Series duly manufactured using UPVC reinforced profiles of 80 mm x 52 mm x 2.25 mm for outer frames, 54 mm x 38 mm x 2.25 mm for sliding shutter frames capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter frame shall be 52 mm x 21.5 mm x 2 mm fitted with nylon/ polymer mesh on rollers/ pulley duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)	1 Sqm	5946.00
781	BMT-P.69	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters - 48-Series duly manufactured using UPVC reinforced profiles of 48 mm x 60 mm x 2.25 mm for outer frames, 64 mm x 60 mm x 2.25 mm for mullion sections for two or more openable shutters and 78 mm x 60 mm x 2.25 mm for outward openable shutter frame or 70 mm x 60 mm x 2.25 mm for inward openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2	1 Sqm	5765.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)		
782	BMT-P.70	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters - 60 -Series duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.25 mm for outer frames, 70 mm x 60 mm x 2.25 mm for mullion sections for two or more openable shutters 70 mm x 60 mm x 2.25 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/ Polywood/ Sintex / NCL/ Fenesta etc)	1 Sqm	6282.00
783	BMT-P.71	DELETED	1 Sqm	
784	BMT-P.72	DELETED	1 Sqm	
785	BMT-P.73	Galvanized powder coated Casement Windows of ROSHINI make with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminum 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished	1 Sqm	4334.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		item of work including of all taxes - 1220 x 1372 or below size		
786	BMT-P.74	Galvanized powder coated Casement Windows of ROSHINI make with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminum 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size	1 Sqm	3883.00
787	BMT-P.75	Galvanized powder coated Casement Windows of ROSHINI make with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminum 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work including of all taxes - 1220 x 1372 or below size	1 Sqm	5445.00
788	BMT-P.76	Galvanized powder coated Casement Windows of ROSHINI make with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section	1 Sqm	5005.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		of 10x12 mm size with 0.8 mm thick powder coated aluminum 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size		
789	BMT-P.77	NCL or Equivalent only Mesh Window: Providing & Fixing of Mesh windows made of pre-painted steel (Base Steel as per IS 513 of 0.58mm thick galvanized as per IS 277 with zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 47x36mm, centre mullion should be of 60x36mm, section mesh beading should be 18x6mm and Fly mesh shutter section should be of 20x40mm. The sections are to be cut to length meter joined with corner bracket. Centre mullions are to be fixed with mullion cap, seccolor handles, seccolor latch, 2 Nos of heavy duty stainless steel pivot hinges shall be provided per Shutter. S.S. Mesh for fly mesh shutter (304 grade). The above frames should be fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work.	1 Sqm	3650.00
Q		STRUCTURAL GLAZING		
790	BMT-Q.01	ELIXIR or Equivalent Structural Glazing: Providing and Fixing Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72mm. The glass holding section made of 304 grade stainless steel of 0.6mm thick as per the design requirement & calculations as given in IS: 875. Primer coat with epoxy primer of 5 – 7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. The vertical section should be of 50mm x100mm x 0.72mm, 33mm x 58mm x 0.72mm for frame horizontal section, stiffener section should be 48mm x 98mm x 1mm, cover profiles sections should be of 20mm x 58mm x 0.58mm, Glass holding section should be of 37mm x 37mm & 37mm x 18mm. Including 5mm thick Ocean Blue reflective glass. Brackets made of CRCA powder coated/Electroplated should be used to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement. Gasket made of Ethyl Propylene Diamine Monomer. Natural cure, with Good U.V. Resistance Silicon to be used. Wall fixing of sections to concrete/masonry wall should be with self-expanding cap & screws. The rate is inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and scaffolding charges, form work etc. complete for finished item of work.	1 Sqm	5253.00
791	BMT-Q.02	ELIXIR or Equivalent Top Hung in Structural Glazing: Providing and Fixing Top Hung shutters in Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per	1 Sqm	4246.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72mm. The glass holding section made of 304 grade stainless steel of 0.6mm thick. Galvanized steel sections are to be used as stiffeners inside the colour coated steel/powder coated sections as per the design requirement. Design calculations are made to suit wind pressures as given in IS 875. Primer coat with epoxy primer of 5-7 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. The outer frame should be of 20mm x 58mm x 0.6mm, Shutter section should be of 58mm x 33mm x 0.72 mm, stiffener section should be 56mm x 31mm x 1mm. EARL Bihari Hinges – 2 Nos for each shutter and Aluminium Stays – 2 Nos. for each shutter, Aluminium Handle – 1 no. for each shutter. The rate is inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and scaffolding charges, form work etc. complete for finished item of work		
792	BMT-Q.03	ELIXIR or Equivalent Supply and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.6 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12- 16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be 46 x 52 mm, section for mullion should be 46 x 70 mm and section for beading should be 18 x 25 mm. The Glazing should be panelled with 5 mm thick plain float Glass with Ethyl Propylene diameine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket. Centre mullions are to be fixed suing mullion cap. Handle made of high grade Aluminium powder coated and nylon receiver. Gaskets made of Ethyl propylene Diamine Monomer (EPDM) Corner brackets made of CRCA with zinc phosphating. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete / masonry wall be means of self expanding screws. & complete for finished item.- Fixed Glazing 2'-0" x 2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm		
793	BMT-Q.04	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm - Fixed Glazing 2'-0" x 3'-0" (609.6x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	4316.00
794	BMT-Q.05	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 3'-0" (914.4x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	3673.00
795	BMT-Q.06	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 4'-0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 Sqm	3673.00
796	BMT-Q.07	NCL or Equivalent Structural Glazing: Providing and Fixing Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72mm. The glass holding section made of 304 grade stainless steel of 0.6mm thick as per the design requirement & calculations as given in IS: 875. Primer	1 sqm	5253.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		coat with epoxy primer of 5 – 7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. The vertical section should be of 50mm x100mm x 0.72mm, 33mm x 58mm x 0.72mm for frame horizontal section, stiffener section should be 48mm x 98mm x 1mm, cover profiles sections should be of 20mm x 58mm x 0.58mm, Glass holding section should be of 37mm x 37mm & 37mm x 18mm. Including 5mm thick Ocean Blue reflective glass. Brackets made of CRCA powder coated/Electroplated should be used to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement. Gasket made of Ethyl Propylene Diamine Monomer. Natural cure, with Good U.V. Resistance Silicon to be used. Wall fixing of sections to concrete/masonry wall should be with self-expanding cap & screws. The rate is inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and scaffolding charges, form work etc. complete for finished item of work.		
797	BMT-Q.08	NCL or Equivalent Top Hung in Structural Glazing: Providing and Fixing Top Hung shutters in Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72mm. The glass holding section made of 304 grade stainless steel of 0.6mm thick. Galvanized steel sections are to be used as stiffeners inside the colour coated steel/powder coated sections as per the design requirement. Design calculations are made to suit wind pressures as given in IS 875. Primer coat with epoxy primer of 5-7 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. The outer frame should be of 20mm x 58mm x 0.6mm, Shutter section should be of 58mm x 33mm x 0.72 mm, stiffener section should be 56mm x 31mm x 1mm. EARL Bihari Hinges – 2 Nos for each shutter and Aluminium Stays – 2 Nos. for each shutter, Aluminium Handle – 1 no. for each shutter. The rate is inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and scaffolding charges, form work etc. complete for finished item of work	1 sqm	4226.00
798	BMT-Q.09	Supply and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.6 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12- 16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be 46 x 52 mm, section for mullion should be 46 x 70 mm and section for beading should be 18 x 25 mm. The Glazing should be panelled with 5 mm thick plain float Glass with Ethyl Propylene diameine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket. Centre mullions are to be fixed suing mullion cap. Handle made of high grade Aluminium powder coated and nylon receiver. Gaskets made of Ethyl	1 Sqm	4317.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		propylene Diamine Monomer (EPDM) Corner brackets made of CRCA with zinc phosphating. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete / masonry wall by means of self expanding screws. & complete for finished item.- Fixed Glazing 2'-0" x 2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm		
799	BMT-Q.10	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm - Fixed Glazing 2'-0" x 3'-0" (609.6x914.4mm) grid outer frame section size of 46 x 52 mm	1 sqm	4317.00
800	BMT-Q.11	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 3'-0" (914.4x914.4mm) grid outer frame section size of 46 x 52 mm	1 sqm	3673.00
801	BMT-Q.12	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 4'-0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 sqm	3673.00
802	BMT-Q.13	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Curtain Walling systems duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.5 mm for outer frames, 60 mm x 70 mm x 2.5 mm for casement shutter frames and the mullion sections are of 60 mm x 70 mm x 2.5 mm or 60 mm x 62 mm x 2.5 mm for sliding shutter outer frames and 77 mm x 38 mm x 2.5 mm for sliding shutter frames structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation for sliding window - clipping locking system 1 No. made of aluminium including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/Polywood/Sintex/NCL/Fenesta etc)		6150.00
803	BMT-Q.14	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing - 48 series duly manufactured using UPVC reinforced profiles of 60 mm x 48 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 76 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/Polywood/Sintex/NCL/Fenesta etc - up to 6'-0" 6'-0" opening sizes)	1 Sqm	2887.00
804	BMT-Q.15	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) Fixed Glazing - 56 series duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 70 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be	1 Sqm	3450.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work (Elgi/Polywood/Sintex/NCL/Fenesta etc - up to 6'-0" 6'-0" opening sizes)		
R		A. DISMANTLING clearing away and carefully stacking materials useful for reuse.		
805	BMT-R.01	Stone masonry in cement mortar	1 Cum	239.00
806	BMT-R.02	Terracing work in roofs or floors	10 Sqm	99.00
807	BMT-R.03	Flat stones in roof or floors including lifting	10 Sqm	83.00
808	BMT-R.04	Pan tiled or Mangalore tiled roof without roof timbers.	10 Sqm	75.00
809	BMT-R.05	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	83.00
810	BMT-R.06	Wrought and framed timber in roofs or floors	1 Cum	125.00
811	BMT-R.07	Old lime mortar plaster	10 Sqm	26.00
812	BMT-R.08	Old cement mortar plaster	10 Sqm	29.00
813	BMT-R.09	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	40.00
814	BMT-R.10	Revetment for aprons and stacking grouted within 40 lead	1 Cum	29.00
815	BMT-R.11	Kadapa slabs or Shahabad stone slabs flooring on sand bed	10 Sqm	42.00
816	BMT-R.12	Through scraping of old plastered surface	10 Sqm	26.00
817	BMT-R.13	Washing of plastered surface with soap, soda and water (or with soda lime and water)	10 Sqm	9.00
818	BMT-R.14	clean removal of lime plaster from walls and raking out joints 20mm deep or from terraced roof and raking out joints 100 mm deep	10 Sqm	27.00
819	BMT-R.15	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	28.00
S		READY MIX CONCRETE		
		Supply and placing of the Ready Mix Concrete as per IS-4926:2003 of following grades with minimum cement content as per IS-456:2000 and Standard Mix Design as per IS-10262:1982 with coarse aggregate of nominal size 20 mm and fine aggregate of Zone-II as per the Mix Design approved by the Department from standard suppliers including cost and conveyance, vertical pumping up to 5 floors/ horizontal pumping up to 60.0 M for buildings/ pavements etc., works for basic cost excluding levelling, grading, spreading, curing, centring, vibrating, compacting, finishing etc as required		
820	BMT-S.01	RMC - M -10 (CEMENT CONTENT - 220 Kgs)	1 Cum	2695.00
821	BMT-S.02	RMC - M -15 (CEMENT CONTENT - 280 Kgs)	1 Cum	2970.00
822	BMT-S.03	RMC - M -20 (CEMENT CONTENT - 300 Kgs)	1 Cum	3025.00
823	BMT-S.04	Extra rate for pumping for each additional floor above 5 Floors / for each 12.0 M additional length over 60.0 M for horizontal pumping to be added in the datas	1 cum	30.00
824	BMT-S.05	Extra rate for pumping with Boom Pump up to 24.0 M vertical height from average ground level	1 cum	200.00
		Note: 1. Variation in cement content for mixes other than specified above has to be adjusted in the rates as per the corresponding approved rate of Cement per Kg. 2.For Standard Concrete and High Strength Concretes vide IS-456, rates may be		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		arrived as per the design mixes.		
U		EXPANSION JOINT FILLERS		
826	BMT-U.01	Supply of high performance expansion joint filler board conforming to M.O.S.T "Silflex" Capcell HD-100 - 18 mm THICK	1 Sqm	653.00
827	BMT-U.02	Supply of high performance expansion joint filler board conforming to M.O.S.T "Silflex" Capcell HD-100 - 20 mm THICK	1 Sqm	732.00
828	BMT-U.03	Supply of high performance expansion joint filler board conforming to M.O.S.T "Silflex" Capcell HD-100 - 25 mm THICK	1 Sqm	915.00
829	BMT-U.04	Supply of expansion joint filler board for buildings, columns, beams and slabs "ARMOUR BOARD" SILFILL. 20 mm THICK	1 Sqm	262.00
830	BMT-U.05	Supply of expansion joint filler board for buildings, columns, beams and slabs "ARMOUR BOARD" SILFILL. 25 mm THICK	1 Sqm	327.00
831	BMT-U.06	Supply of expansion joint filler board for buildings, columns, beams and slabs "ARMOUR BOARD" SILFILL. 50 mm THICK	1 Sqm	653.00
832	BMT-U.07	Supply of back up to cold applied sealant in construction and longitudinal joint "back up road" silseal - 10 mm OD	1 RM	10.00
833	BMT-U.08	Supply of back up to cold applied sealant in construction and longitudinal joint "back up road" silseal - 12 mm OD	1 RM	12.00
834	BMT-U.09	Supply of back up to cold applied sealant in construction and longitudinal joint "back up road" silseal - 15 mm OD	1 RM	15.00
835	BMT-U.10	Supply of back up to cold applied sealant in construction and longitudinal joint "back up road" silseal - 20 mm OD	1 RM	21.00
836	BMT-U.11	Supply of back up to cold applied sealant in construction and longitudinal joint "back up road" silseal - 25 mm OD	1 RM	26.00
V		LABOUR CHARGES		
837	BMM-V.01	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 0.0 M to 1.0 M	1 cum	127.00
838	BMM-V.02	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 1.0 M to 2.0 M	1 cum	150.00
839	BMM-V.03	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 2.0 M to 3.0 M	1 cum	175.00
840	BMM-V.04	Bailing out water for earth work excavation / for concrete foundation below water level. (For building items only) Sandy soil - 0.0 M to 1.0 M	1 cum	201.00
841	BMM-V.05	Bailing out water for earth work excavation /for concrete foundation below water level. (For building items only) Sandy soil - 1.0 M to 2.0 M	1 cum	312.00
842	BMM-V.06	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Sandy soil - 2.0 M to 3.0 M	1 cum	377.00
843	BMM-V.07	Labour charges for making, fabricating office furniture, racks, work-station furniture with ply-wood sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	317.00
844	BMM-V.08	Labour charges for making, fabricating kitchen furniture, cup-boards with shutters, box racks, with ply-wood sheets, decolam/ veneer laminations including fixing cutting, making, assembling,	1 Sqm	484.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings		
845	BMM-V.09	Rounding the edges of Kadapa / Shahabad stone slabs of any thickness including polishing the same	1 Rm	55.00
846	BMM-V.10	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	166.00
847	BMM-V.11	Full Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	216.00
848	BMM-V.12	Machine Cutting charges - for Marble/ Granite slabs up to 50 mm thick by mechanical device.	1 RM	9.00
849	BMM-V.13	Flat nosing to Kadapa/ Shahabad stone slabs of any thick	1 Rm	9.00
850	BMM-V.14	Labour charges for fabricating steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows including cost of welding rods, power charges, excluding cost of fixing in position	1 Kg	14.00
851	BMM-V.15	Labour charges for fixing Iron Doors, Iron Windows and Window Grills in position	1 Kg	3.00
852	BMM-V.16	Labour charges for fabricating all heavy steel works like Trusses, Stanchions, Heavy Beams and Girders including cost of welding rods, power charges, etc excluding cost of fixing in position	1 Kg	12.00
853	BMM-V.17	Labour charges for fixing heavy iron grills, Trusses, Stanchions, Heavy Beams and Girders erecting in position and fixing by using chain pulley blocks, Derek pole arrangements and cranes etc., complete in position	1 Kg	10.00
854	BMM-V.18	Labour charges for Fabrication of stainless steel railing works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 Kg	69.00
855	BMM-V.19	Labour charges for Fabrication of stainless steel sheet cladding works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 sqm	920.00
856	BMM-V.20	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Etching works	1 Sqm	501.00
857	BMM-V.21	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Reverse Etching work	1 Sqm	619.00
858	BMM-V.22	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Acid wash works	1 Sqm	774.00
859	BMM-V.23	Labour charges for fixing Flush door shutters of any thickness to the existing door frame including fixing the fixtures to the door shutter excluding cost of shutter	1 Sqm	200.00
860	BMM-V.24	Labour charges for fixing glass panes of any thickness to the existing door / window panes including fixing the beading excluding cost of beading	1 Sqm	150.00
W		MISCELLANEOUS ITEMS		
861	BMS-W.01	Supplying Aluminium anodised Sections for Doors, partitions, windows, Ventilators (including annodization cost)	1 Kg	250.00
862	BMS-W.02	Sun Control film to the glazed windows partition including labour charges.	1 sqm	285.00
863	BMS-W.03	Aluminium Venetian Blinds horizontal 25.4 mm wide with all accessories.	1 sqm	727.00
864	BMS-W.04	Aluminium Venetian Blinds horizontal 20.0 mm wide with all accessories.	1 sqm	693.00
865	BMS-W.05	Venetian blinds Vertical blinds 100 mm wide with all accessories.	1 sqm	1176.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
866	BMS-W.06	Rubber Beading	1 RM	2.00
867	BMS-W.07	S&F of marblex flooring with 2.0 mm thick in rolls.	1 sqm	369.00
868	BMS-W.08	S&F Vinyl Flooring with 1.5 mm thick in rolls	1 sqm	369.00
869	BMS-W.09	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	1 Litre	200.00
870	BMS-W.10	Soft Brush	Each	130.00
871	BMS-W.11	Wire Brush	Each	29.00
872	BMS-W.12	Supplying and fixing aluminium composite cladding of approved make (Alucopanel, alucobonel, Reynobond, Lennox Durabuid, Alstrong legame, Alpolic, Alcomat, Alshine etc.,) with skin material 0.25 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding - 3 mm thk	1 Sqm	2024.00
873	BMS-W.13	Supplying and fixing aluminium composite cladding of approved make (Alucopanel, alucobonel, Reynobond, Lennox Durabuid, Alstrong legame, Alpolic, Alcomat, Alshine etc.,) with skin material 0.25 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding - 4 mm thk	1 Sqm	2207.00
874	BMS-W.14	Supplying and fixing aluminium composite cladding of approved make (Alucopanel, alucobonel, Reynobond, Lennox Durabuid, Alstrong legame, Alpolic, Alcomat, Alshine etc.,) with skin material 0.5 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding - 4 mm thk	1 Sqm	2476.00
875	BMS-W.15	CEMENT JALI - 25 mm thick	1 sqm	189.00
876	BMS-W.16	CEMENT JALI - 40 mm thick	1 sqm	245.00
877	BMS-W.17	CEMENT JALI - 50 mm thick	1 sqm	335.00
878	BMS-W.18	Aluminium sheet 24 Gauge	1 Sqm	262.00
879	BMS-W.19	7.5mm thick Aluminium Grill (as approved by the department) 3.58 Kg/Sqm.	1 Sqm	965.00
880	BMS-W.20	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1" (25.4 mm) thick	1 Sqm	805.00
881	BMS-W.21	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1/2" (12.7 mm) thick	1 Sqm	461.00
		SINTEX OR EQUIVALENT SMC SIGN BOARDS: Supply of hot pressed compression moulded SMC sign plates for making road		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		signs ass per the approved dimensions of National Highway Authority Of India, complete, for finished item of work.		
882	BMS-W.22	Circular sign plate Dia 400mm.	Each.	506.00
883	BMS-W.23	Circular sign plate Dia 600mm.	Each.	1330.00
884	BMS-W.24	Circular sing plate Dia 870mm	Each.	2665.00
885	BMS-W.25	Triangular sign plate 600mm.	Each.	683.00
886	BMS-W.26	Triangular sign plate 900mm.	Each.	1542.00
887	BMS-W.27	Square sign plate 600mm.	Each.	1236.00
888	BMS-W.28	Square sign plate 1000mm.	Each.	4591.00
889	BMS-W.29	Supply of Sintex /Aqua tech or equivalent Polyethylene water storage tank double layer confirming to ISI 12701/96 mark with lid.	Litre.	5.75
		ELIXIR PEB OR EQUIVALENT PRE ENGINEERED BUILDINGS FOR A MAXIMUM SPAN OF 9 MTRS		
		Design, fabrication & supply of light weight pre engineered buildings for a maximum span of 9 metres with 50x50x2.8 mm M.S hollow square tubes for columns, trusses & purlins walls with sandwich panels made up of 2 Nos 10mm thick cement bonded particle/ fibre boards with 25mm thick 12 kg/cum density expanded polystyrene in between encased in 1.25 mm thick 24x7x26 mm 'W' tracks in bottom & top and 'H' section for sides with doors, windows & ventilators, roofing with 26 gauge pre painted profiled sheets fixed with self tapping/ drilling screws, painting with enamel paint for steel items, OBD for interiors and ace for exteriors & providing base plates, templates & anchor bolts along with civil foundation designs & drawings for the finished item of work. Inclusive of all Taxes and Duties.		
890	BMS-W.30	Steel Structure: - Structure is made up of 50x50X 2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purloins. - Columns	1 RM	316.80
891	BMS-W.31	Steel Structure: - Structure is made up of 50x50X 2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purloins. Trusses	1 RM	1450.00
892	BMS-W.32	10 mm thick 200x200 mm M.s. plates for base plates, 250 mm long 12mm Φ anchor bolts with plate washer and nuts complete with one coat of Asian or equivalent red oxide paint.	Each	550.00
893	BMS-W.33	Sandwich panels: Sandwich panels of 50 mm thick with 25 mm thermocol of 12 kg / cum, fixed in between 2 Nos 10 mm cement bonded wood particle / fibre boards properly fixed together with 30 mmx30mmx30mm wood pieces along width & length wherever necessary	1 Sqm	1147.00
894	BMS-W.34	U' Tracks & 'H' Section:- Bottom & Top 'U' Tracks are made of 1.25 mm thick 120 GSM G.I. Sheet of size 24x51x26 mm size.	1 RM	125.00
895	BMS-W.35	Fabricated 'H' sections are made up of 2 Nos 1.25 mm thick C.R. Of 40 mm width for flanges and 1 Nos of 2 mm thick C.R. of 50 mm width plate for web. will be used	1 RM	180.00
896	BMS-W.36	Sandwich Panel joinery is made up of "Elixir" couplers or equivalent made from 0.6 mm G.I. roll formed section to hold 2 Nos of 10 mm board on both sides with 25 mm thermocol in between.	1RM	205.00
897	BMS-W.37	Window:-_windows are made up of 51 x51 mm step 'U' section made from 1.25 thick MS Cold rolled Steel Sheet and Windows	1 Sqm	3500.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		Shutters & Grill are made of 47x20 mm size pre painted section with 4 mm glass complete with necessary hardware. Grills are made from 8 mm square rod at 100 mm spacing.		
898	BMS-W.38	Door Frames :-51 X 51 Stepped 'U' section made from 1.25 mm thick C.R. section with a 32 mm rebate for 30 mm flush door and Door Shutters with 30 mm thick block board / flush doors with boiling water proof plywood complete with necessary Hard ware.	1 Sqm	3350.00
899	BMS-W.39	Ventilators:- Ventilators are made of 51x51 mm step 'U' section made From 1.25 mm thick C.R. sheet with fixed louvers and glass.	1 Sqm	3750.00
900	BMS-W.40	Painting:-1) Steel structure is to be painted with 2 coats of Grade I enamel paint.	1 Sqm	95.00
901	BMS-W.41	2) Exterior walls are painted with one coast of primer and 2 coats of ACE" or equivalent paint.	1 Sqm	85.00
902	BMS-W.42	3) Interiors are painted with 1+2 coat of O.B.D.	1 Sqm	75.00
903	BMS-W.43	Toilets: - Toilets are provided as per plan with a provision for fixing the wash basin, W.C. etc only is made with M.S. steel section secured to the walls with toilet bracket provision excluding cost of WC/ Wash basin etc	Each	800.00
904	BMS-W.44	Sun shades: - Sun shades will be provided wherever necessary with 300 mm more than the width of window. 25x25 mm angle frame to cover 450 mm in the front and the sides. 10mm cement bonded particle board will be fixed on the frame work and sealed with green paste or equivalent.	Each	2700.00
905	BMS-W.45	Roofing:- Roofing will be provided with 0.5mm thick galvanized / pre painted G.I. profiled sheets fixed to the purlins with 14 size self drilling screws with neoprene washer. Side laps are stitched with self tapping / drilling screws. End laps are to be sealed with 25x3 mm Butyl tape. The sheets are provided with anti capillary grove.	1 Sqm	610.00
		Supply and fixing of factory made Bathroom door frames without threshold, fabricated from pre-painted cold roll formed section 50mm x 50 mm made of galvanized (base steel as per IS – 513 'D' quality, galvanized as per IS-277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm, primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyl backer of 5-7 microns. The frame section is to be filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections are cut to length and mitre joined by means of 1.25mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25mm thick electroplated stiffeners of size 150mm for fixing hold fasts and hinges together with the following MS Power coated fitting (Supply and fixing) of approved make.		
		a) 6 Nos M.S. Z. Type hold fasts made of 30mm x 3 mm MS flat of 230mm long, 3 Nos each side expandable PVC covered screw type fasteners		
		b) 2.5 mm x 300 mm long 'T' hinges / 2.5mm x 50 mm x 100mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf /leaf)		
906	BMS-W.46	c) 12 mm Dia MS tie rod at bottom with necessary size of nuts on	1 RM	327.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		either side.		
907	BMS-W.47	Preparing gabions with jungle wood	Each	3.00
908	BMS-W.48	Planting plants	Each	2.00
909	BMS-W.49	Pruning plants	Each	2.00
910	BMS-W.50	Maintaining avenues including fencing, weeding, mulching, watering etc per plant.	Each	6.00
911	BMS-W.51	- do - When scattered in hot weather with extra conveyance from March to June	Each	7.00
912	BMS-W.52	Hoisting or lowering of slab	1 cum	92.00
913	BMS-W.53	Dressing faces of granite stone (double line dressing)	1 Sqm	152.00
914	BMS-W.54	Dressing faces of other than granite stone(double line dressing)	1 Sqm	95.00
915	BMS-W.55	Supply of CENTURYWELLS or equivalent Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	400.00
916	BMS-W.56	Supply of CENTURYWELLS or equivalent Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	390.00
917	BMS-W.57	Supply of CENTURYWELLS or equivalent Pre-painted Galvanized Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	350.00
918	BMS-W.58	Supply of CENTURYWELLS or equivalent Pre-painted Galvanized Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	330.00
919	BMS-W.59	Supply of CENTURYWELLS or equivalent Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.50mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	270.00
920	BMS-W.60	Supply of CENTURYWELLS or equivalent Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.47mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	240.00
921	BMS-W.61	75 mm long screws -	1 Each	4.00
922	BMS-W.62	G.I scam bolts & nuts	1 Each	5.00
923	BMS-W.63	G.I bolts & nuts	1 Each	5.00
924	BMS-W.64	G.I 'J' bolts 8 mm dia	1 Each	8.00
925	BMS-W.65	G.I Washers	1 Each	0.50

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
926	BMS-W.66	Limpet washers (for scam & 'J' bolts)	1 Each	0.25
927	BMS-W.67	Bitumen washers	1 Each	0.20
928	BMS-W.68	White Cement	1 Kg	25.00
X		MACHINERY CHARGES, HIRE CHARGES FOR CENTRING		
929	BMC-X.01	Machine charges of rubbing/ polishing floor	1 day	1800.00
930	BMC-X.02	Power Saw Cutter - Hand Operated - Hire charges	1 Hr	105.00
931	BMC-X.03	Power Drill - Hand Operated - Hire Charges	1 Hr	97.00
932	BMC-X.04	Grinding Mortar (Spl Grinding)	1 day	900.00
933	BMC-X.05	Casuarina Balli Props - 3" to 4" dia - 12'-0" Height	Each	60.00
934	BMC-X.06	Casuarina Balli Props - 4" to 8" dia - 20'-0" Height	Each	100.00
935	BMC-X.07	Wall Plate Brackets / beam bottom supports	Each	170.00
936	BMC-X.08	Wedge Plate fixture	Each	7.50
937	BMC-X.09	Runner beams of approximately 4" x 4" size	RM	330.00
938	BMC-X.10	Steel Plates for form works	1 sqm	1000.00
939	BMC-X.11	Scaffolding Pipes & Centering accessories	1 Kg	75.00
940	BMC-X.12	Scaffold Boards - Bamboo scaffolds - Bamboos - 8'0" long	Each	100.00
NOTE				
1	All the items to be used on work are of first quality & ISI and as approved by the Engineer In charge of the work.			
2	Supply Rates for all the materials are based on market rates plus Sales Tax/ Material VAT.			
3	Works Contract VAT for General/ Composition Scheme on finished items may be allowed as applicable.			
4	SOR Rates for Building items are purely for guidance for the officers for preparation of estimates vide para.113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in para.45 of APPWD code.			
LEGEND	"BMT" -X.XX	"BMT" for	BUILDING MATERIALS	
	"BMM" -X.XX	"BMM" for	LABOUR CHARGES	
	"BMS" -X.XX	"BMS" for	MISCELLANEOUS	
	"BMC" -X.XX	"BMC" for	MACHINERY, HIRE CHARGES	
	XXX-"A".XX	"A" for	NAME OF THE SECTION	
	XXX-X."01"	"01" for	SERIAL NUMBER OF THE ITEM	

Sl	NAME OF THE STRUCTURAL MEMBER	Material Hire charges	Labour charges	Centring Charges for 2010-11	Unit of Measurement
1	2	3	4	5	6

HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height upto 3.66 M
Steel scaffolding pipes, jack Props, wallers, Foot plates, brackets, steel Centering Plates, etc.,

A	FOOTINGS	Rs.	49.00	Rs.	303.00	Rs.	352.00	per 1 cum
B	PEDESTALS	Rs.	58.00	Rs.	481.00	Rs.	539.00	per 1 cum
C	PLINTH BEAMS	Rs.	827.00	Rs.	729.00	Rs.	1556.00	per 1 cum
D	LINTELS	Rs.	703.00	Rs.	619.00	Rs.	1322.00	per 1 cum
E	CHAJJAS - SUNSHADES	Rs.	139.00	Rs.	95.00	Rs.	234.00	per 1 sqm
F	COLUMNS	Rs.	106.00	Rs.	870.00	Rs.	976.00	per 1 cum
G	BEAMS	Rs.	1064.00	Rs.	729.00	Rs.	1793.00	per 1 cum
H	SLABS - Up to 150 mm thick	Rs.	119.00	Rs.	82.00	Rs.	201.00	per 1 sqm
I	SLABS - above 150 mm - Up to 300 mm thick	Rs.	124.00	Rs.	85.00	Rs.	209.00	per 1 sqm
J	SLABS - above 300 mm thick	Rs.	130.00	Rs.	89.00	Rs.	219.00	per 1 sqm
K	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	438.00	Rs.	300.00	Rs.	738.00	per 1 sqm
L	PERGOLA SLABS (Only Rib Beams)	Rs.	307.00	Rs.	211.00	Rs.	518.00	per 1 sqm
M	ARCH BEAMS - up to 1.5 M Span	Rs.	1209.00	Rs.	829.00	Rs.	2038.00	per 1 cum
N	ARCH BEAMS - above 1.5 M Span	Rs.	1226.00	Rs.	841.00	Rs.	2067.00	per 1 cum
O	DOMES SLABS	Rs.	2281.00	Rs.	1341.00	Rs.	3622.00	per 1 cum
P	HELICAL STAIRCASES	Rs.	174.00	Rs.	102.00	Rs.	276.00	per 1 sqm

HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height upto 7.32 M
Steel scaffolding pipes, jack Props, wallers, Foot plates, brackets, steel Centering Plates, etc.,

D	LINTELS	Rs.	1266.00	Rs.	977.00	Rs.	2243.00	per 1 cum
E	CHAJJAS - SUNSHADES	Rs.	250.00	Rs.	150.00	Rs.	400.00	per 1 sqm
F	COLUMNS	Rs.	190.00	Rs.	1371.00	Rs.	1561.00	per 1 cum
G	BEAMS	Rs.	1916.00	Rs.	1150.00	Rs.	3066.00	per 1 cum
H	SLABS - Up to 150 mm thick	Rs.	215.00	Rs.	129.00	Rs.	344.00	per 1 sqm
I	SLABS - above 150 mm - Up to 300 mm thick	Rs.	223.00	Rs.	134.00	Rs.	357.00	per 1 sqm
J	SLABS - above 300 mm thick	Rs.	234.00	Rs.	140.00	Rs.	374.00	per 1 sqm
K	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	789.00	Rs.	474.00	Rs.	1263.00	per 1 sqm
L	PERGOLA SLABS (Only Rib Beams)	Rs.	553.00	Rs.	332.00	Rs.	885.00	per 1 sqm
M	ARCH BEAMS - up to 1.5 M Span	Rs.	2179.00	Rs.	1307.00	Rs.	3486.00	per 1 cum
N	ARCH BEAMS - above 1.5 M Span	Rs.	2210.00	Rs.	1326.00	Rs.	3536.00	per 1 cum
O	DOMES SLABS	Rs.	4111.00	Rs.	2114.00	Rs.	6225.00	per 1 cum
P	HELICAL STAIRCASES	Rs.	313.00	Rs.	161.00	Rs.	474.00	per 1 sqm

Sl	NAME OF THE STRUCTURAL MEMBER	Material Hire charges	Labour charges	Centring Charges for 2010-11	Unit of Measurement
1	2	3	4	5	6

HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height upto 3.66 M
Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc.,

D	LINTELS	Rs.	525.00	Rs.	492.00	Rs.	1017.00	per 1 cum
E	CHAJJAS - SUNSHADES	Rs.	104.00	Rs.	76.00	Rs.	180.00	per 1 sqm
F	COLUMNS	Rs.	79.00	Rs.	691.00	Rs.	770.00	per 1 cum
G	BEAMS	Rs.	795.00	Rs.	580.00	Rs.	1375.00	per 1 cum
H	SLABS - Up to 150 mm thick	Rs.	89.00	Rs.	65.00	Rs.	154.00	per 1 sqm
I	SLABS - above 150 mm - Up to 300 mm thick	Rs.	93.00	Rs.	68.00	Rs.	161.00	per 1 sqm
J	SLABS - above 300 mm thick	Rs.	97.00	Rs.	71.00	Rs.	168.00	per 1 sqm
K	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	327.00	Rs.	239.00	Rs.	566.00	per 1 sqm
L	PERGOLA SLABS (Only Rib Beams)	Rs.	230.00	Rs.	167.00	Rs.	397.00	per 1 sqm
M	ARCH BEAMS - up to 1.5 M Span	Rs.	904.00	Rs.	659.00	Rs.	1563.00	per 1 cum
N	ARCH BEAMS - above 1.5 M Span	Rs.	916.00	Rs.	668.00	Rs.	1584.00	per 1 cum
O	DOME SLABS	Rs.	1705.00	Rs.	1066.00	Rs.	2771.00	per 1 cum
P	HELICAL STAIRCASES	Rs.	130.00	Rs.	81.00	Rs.	211.00	per 1 sqm

HIRE CHARGES FOR ACCESS SCAFFOLDING - upto 3.66 M using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for BRICK MASONRY/ STONE MASONRY - 1 sqm

A	1st - Floor	Rs.	5.29	Rs.	33.54	Rs.	38.83	per 1 sqm
B	2nd - Floor	Rs.	5.29	Rs.	42.60	Rs.	47.89	per 1 sqm
C	3rd - Floor	Rs.	5.29	Rs.	56.80	Rs.	62.09	per 1 sqm
D	4th - Floor	Rs.	5.29	Rs.	71.00	Rs.	76.29	per 1 sqm
E	5th - Floor	Rs.	5.29	Rs.	85.20	Rs.	90.49	per 1 sqm
F	6th - Floor	Rs.	5.29	Rs.	99.41	Rs.	104.69	per 1 sqm
G	7th - Floor	Rs.	5.29	Rs.	113.61	Rs.	118.89	per 1 sqm
H	8th - Floor	Rs.	5.29	Rs.	127.81	Rs.	133.09	per 1 sqm
I	9th - Floor	Rs.	5.29	Rs.	142.01	Rs.	147.29	per 1 sqm
J	10th - Floor	Rs.	5.29	Rs.	156.21	Rs.	161.50	per 1 sqm
K	11th - Floor	Rs.	5.29	Rs.	170.41	Rs.	175.70	per 1 sqm
L	12th - Floor	Rs.	5.29	Rs.	184.61	Rs.	189.90	per 1 sqm
M	13th - Floor	Rs.	5.29	Rs.	198.81	Rs.	204.10	per 1 sqm
N	14th - Floor	Rs.	5.29	Rs.	213.01	Rs.	218.30	per 1 sqm
O	15th - Floor	Rs.	5.29	Rs.	227.21	Rs.	232.50	per 1 sqm

HIRE CHARGES FOR ACCESS SCAFFOLDING - upto 3.66 M using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for PLASTERING to WALLS - 1 sqm

A	1st - Floor	Rs.	0.53	Rs.	3.35	Rs.	3.88	per 1 sqm
B	2nd - Floor	Rs.	0.53	Rs.	5.03	Rs.	5.56	per 1 sqm
C	3rd - Floor	Rs.	0.53	Rs.	6.71	Rs.	7.24	per 1 sqm
D	4th - Floor	Rs.	0.53	Rs.	8.39	Rs.	8.91	per 1 sqm
E	5th - Floor	Rs.	0.53	Rs.	10.06	Rs.	10.59	per 1 sqm
F	6th - Floor	Rs.	0.53	Rs.	11.74	Rs.	12.27	per 1 sqm
G	7th - Floor	Rs.	0.53	Rs.	13.42	Rs.	13.95	per 1 sqm
H	8th - Floor	Rs.	0.53	Rs.	15.09	Rs.	15.62	per 1 sqm
I	9th - Floor	Rs.	0.53	Rs.	16.77	Rs.	17.30	per 1 sqm
J	10th - Floor	Rs.	0.53	Rs.	18.45	Rs.	18.98	per 1 sqm
K	11th - Floor	Rs.	0.53	Rs.	20.13	Rs.	20.65	per 1 sqm
L	12th - Floor	Rs.	0.53	Rs.	21.80	Rs.	22.33	per 1 sqm
M	13th - Floor	Rs.	0.53	Rs.	23.48	Rs.	24.01	per 1 sqm
N	14th - Floor	Rs.	0.53	Rs.	25.16	Rs.	25.69	per 1 sqm
O	15th - Floor	Rs.	0.53	Rs.	26.83	Rs.	27.36	per 1 sqm

HIRE CHARGES FOR STAGE SCAFFOLDING - upto 3.66 M using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for CEILING PLASTERING - 1 sqm

A	1st - Floor	Rs.	1.24	Rs.	6.54	Rs.	7.78	per 1 sqm
B	2nd - Floor	Rs.	1.24	Rs.	9.81	Rs.	11.05	per 1 sqm
C	3rd - Floor	Rs.	1.24	Rs.	13.07	Rs.	14.31	per 1 sqm
D	4th - Floor	Rs.	1.24	Rs.	16.34	Rs.	17.58	per 1 sqm
E	5th - Floor	Rs.	1.24	Rs.	19.61	Rs.	20.85	per 1 sqm
F	6th - Floor	Rs.	1.24	Rs.	22.88	Rs.	24.12	per 1 sqm
G	7th - Floor	Rs.	1.24	Rs.	26.15	Rs.	27.39	per 1 sqm
H	8th - Floor	Rs.	1.24	Rs.	29.42	Rs.	30.66	per 1 sqm
I	9th - Floor	Rs.	1.24	Rs.	32.68	Rs.	33.93	per 1 sqm
J	10th - Floor	Rs.	1.24	Rs.	35.95	Rs.	37.19	per 1 sqm
K	11th - Floor	Rs.	1.24	Rs.	39.22	Rs.	40.46	per 1 sqm
L	12th - Floor	Rs.	1.24	Rs.	42.49	Rs.	43.73	per 1 sqm
M	13th - Floor	Rs.	1.24	Rs.	45.76	Rs.	47.00	per 1 sqm
N	14th - Floor	Rs.	1.24	Rs.	49.03	Rs.	50.27	per 1 sqm
O	15th - Floor	Rs.	1.24	Rs.	52.30	Rs.	53.54	per 1 sqm

CENTERING & SCAFFOLDING CHARGES- FLOOR WISE RATES for Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., for unsupported height 3.66 M

Floor		LINTELS	CHAJJAS - SUNSHADES	COLUMNS	BEAMS	SLABS - Up to 150 mm thick	SLABS - above 150 mm - Up to 300 mm thick	SLABS - above 300 mm thick	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS - up to 1.5 M Span	ARCH BEAMS - above 1.5 M Span	DOME SLABS (Plan area)	HELICAL STAIRCASES (Plan area)
Unit of Measurement		Per 1 cum	Per 1 sqm	Per 1 cum	Per 1 cum	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 cum	Per 1 cum	Per 1 sqm	Per 1 sqm
Material Hire for any Floor	H	703.00	139.00	106.00	1064.00	119.00	124.00	130.00	438.00	307.00	1209.00	1226.00	2281.00	174.00
Labour Charges for 1st Floor	L	619.00	95.00	870.00	729.00	82.00	85.00	89.00	300.00	211.00	829.00	841.00	1341.00	102.00
Total Hire Charges (H+L)	T	1322.00	234.00	976.00	1793.00	201.00	209.00	219.00	738.00	518.00	2038.00	2067.00	3622.00	276.00

1st - Floor		619.00	95.00	870.00	729.00	82.00	85.00	89.00	300.00	211.00	829.00	841.00	1341.00	102.00
2nd - Floor		681.00	105.00	957.00	802.00	90.00	94.00	98.00	330.00	232.00	912.00	925.00	1475.00	112.00
3rd - Floor		743.00	114.00	1044.00	875.00	98.00	102.00	107.00	360.00	253.00	995.00	1009.00	1609.00	122.00
4th - Floor		805.00	124.00	1131.00	948.00	107.00	111.00	116.00	390.00	274.00	1078.00	1093.00	1743.00	133.00
5th - Floor		867.00	133.00	1218.00	1021.00	115.00	119.00	125.00	420.00	295.00	1161.00	1177.00	1877.00	143.00
6th - Floor		929.00	143.00	1305.00	1094.00	123.00	128.00	134.00	450.00	317.00	1244.00	1262.00	2012.00	153.00
7th - Floor		990.00	152.00	1392.00	1166.00	131.00	136.00	142.00	480.00	338.00	1326.00	1346.00	2146.00	163.00
8th - Floor		1052.00	162.00	1479.00	1239.00	139.00	145.00	151.00	510.00	359.00	1409.00	1430.00	2280.00	173.00
9th - Floor		1114.00	171.00	1566.00	1312.00	148.00	153.00	160.00	540.00	380.00	1492.00	1514.00	2414.00	184.00
10th - Floor		1176.00	181.00	1653.00	1385.00	156.00	162.00	169.00	570.00	401.00	1575.00	1598.00	2548.00	194.00
11th - Floor		1238.00	190.00	1740.00	1458.00	164.00	170.00	178.00	600.00	422.00	1658.00	1682.00	2682.00	204.00
12th - Floor		1300.00	200.00	1827.00	1531.00	172.00	179.00	187.00	630.00	443.00	1741.00	1766.00	2816.00	214.00
13th - Floor		1362.00	209.00	1914.00	1604.00	180.00	187.00	196.00	660.00	464.00	1824.00	1850.00	2950.00	224.00
14th - Floor		1424.00	219.00	2001.00	1677.00	189.00	196.00	205.00	690.00	485.00	1907.00	1934.00	3084.00	235.00
15th - Floor		1486.00	228.00	2088.00	1750.00	197.00	204.00	214.00	720.00	506.00	1990.00	2018.00	3218.00	245.00

Note: - Centering & scaffolding charges for steel scaffolding with pipes, jack props, steel centring plates for unsupported heights of every 610 mm height above 3.66 M may be allowed at 16.666% more than the basic material hire charges and relevant labour charges of the applicable floor and item

4.27 M	16.666%		4.88 M	33.332%		5.49 M	49.998%		6.1 M	66.664%		6.71 M	83.330%
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CENTERING & SCAFFOLDING CHARGES- FLOOR WISE RATES for Steel scaffolding pipes, jack Props, Steel Centering Plates,etc., for unsupported height 7.32 M

		LINTELS	CHAJJAS - SUNSHADES	COLUMNS	BEAMS	SLABS - Up to 150 mm thick	SLABS - above 150 mm - Up to 300 mm thick	SLABS - above 300 mm thick	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS - up to 1.5 M Span	ARCH BEAMS - above 1.5 M Span	DOME SLABS (Plan Area)	HELICAL STAIRCASES (Plan Area)
Unit of Measurement		Per 1 cum	Per 1 sqm	Per 1 cum	Per 1 cum	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 cum	Per 1 cum	Per 1 sqm	Per 1 sqm
Material Hire for any Floor	H	1266.00	250.00	190.00	1916.00	215.00	223.00	234.00	789.00	553.00	2179.00	2210.00	4111.00	313.00
Labour Charges for 1st Floor	L	977.00	150.00	1371.00	1150.00	129.00	134.00	140.00	474.00	332.00	1307.00	1326.00	2114.00	161.00
Total Hire Charges (H+L)	T	2243.00	400.00	1561.00	3066.00	344.00	357.00	374.00	1263.00	885.00	3486.00	3536.00	6225.00	474.00

1st - Floor		977.00	150.00	1371.00	1150.00	129.00	134.00	140.00	474.00	332.00	1307.00	1326.00	2114.00	161.00
2nd - Floor		1075.00	165.00	1508.00	1265.00	142.00	147.00	154.00	521.00	365.00	1438.00	1459.00	2325.00	177.00
3rd - Floor		1172.00	180.00	1645.00	1380.00	155.00	161.00	168.00	569.00	398.00	1568.00	1591.00	2537.00	193.00
4th - Floor		1270.00	195.00	1782.00	1495.00	168.00	174.00	182.00	616.00	432.00	1699.00	1724.00	2748.00	209.00
5th - Floor		1368.00	210.00	1919.00	1610.00	181.00	188.00	196.00	664.00	465.00	1830.00	1856.00	2960.00	225.00
6th - Floor		1466.00	225.00	2057.00	1725.00	194.00	201.00	210.00	711.00	498.00	1961.00	1989.00	3171.00	242.00
7th - Floor		1563.00	240.00	2194.00	1840.00	206.00	214.00	224.00	758.00	531.00	2091.00	2122.00	3382.00	258.00
8th - Floor		1661.00	255.00	2331.00	1955.00	219.00	228.00	238.00	806.00	564.00	2222.00	2254.00	3594.00	274.00
9th - Floor		1759.00	270.00	2468.00	2070.00	232.00	241.00	252.00	853.00	598.00	2353.00	2387.00	3805.00	290.00
10th - Floor		1856.00	285.00	2605.00	2185.00	245.00	255.00	266.00	901.00	631.00	2483.00	2519.00	4017.00	306.00
11th - Floor		1954.00	300.00	2742.00	2300.00	258.00	268.00	280.00	948.00	664.00	2614.00	2652.00	4228.00	322.00
12th - Floor		2052.00	315.00	2879.00	2415.00	271.00	281.00	294.00	995.00	697.00	2745.00	2785.00	4439.00	338.00
13th - Floor		2149.00	330.00	3016.00	2530.00	284.00	295.00	308.00	1043.00	730.00	2875.00	2917.00	4651.00	354.00
14th - Floor		2247.00	345.00	3153.00	2645.00	297.00	308.00	322.00	1090.00	764.00	3006.00	3050.00	4862.00	370.00
15th - Floor		2345.00	360.00	3290.00	2760.00	310.00	322.00	336.00	1138.00	797.00	3137.00	3182.00	5074.00	386.00

CENTERING & SCAFFOLDING CHARGES- FLOOR WISE RATES for Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates, Steel Centring Plates etc., for unsupported height 3.66 M

		LINTELS	CHAJJAS - SUNSHADES	COLUMNS	BEAMS	SLABS - Up to 150 mm thick	SLABS - above 150 mm - Up to 300 mm thick	SLABS - above 300 mm thick	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS - up to 1.5 M Span	ARCH BEAMS - above 1.5 M Span	DOME SLABS	HELICAL STAIRCASES
Unit of Measurement		Per 1 cum	Per 1 sqm	Per 1 cum	Per 1 cum	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 sqm	Per 1 cum	Per 1 cum	Per 1 sqm	Per 1 sqm
Hire Charges	H	525.00	104.00	79.00	795.00	89.00	93.00	97.00	327.00	230.00	904.00	916.00	1705.00	130.00
Labour Charges	L	492.00	76.00	691.00	580.00	65.00	68.00	71.00	239.00	167.00	659.00	668.00	1066.00	81.00
Unit of Measurement	T	1017.00	180.00	770.00	1375.00	154.00	161.00	168.00	566.00	397.00	1563.00	1584.00	2771.00	211.00

1st - Floor		492.00	76.00	691.00	580.00	65.00	68.00	71.00	239.00	167.00	659.00	668.00	1066.00	81.00
2nd - Floor		541.00	84.00	760.00	638.00	72.00	75.00	78.00	263.00	184.00	725.00	735.00	1173.00	89.00
3rd - Floor		590.00	91.00	829.00	696.00	78.00	82.00	85.00	287.00	200.00	791.00	802.00	1279.00	97.00
4th - Floor		640.00	99.00	898.00	754.00	85.00	88.00	92.00	311.00	217.00	857.00	868.00	1386.00	105.00
5th - Floor		689.00	106.00	967.00	812.00	91.00	95.00	99.00	335.00	234.00	923.00	935.00	1492.00	113.00
6th - Floor		738.00	114.00	1037.00	870.00	98.00	102.00	107.00	359.00	251.00	989.00	1002.00	1599.00	122.00
7th - Floor		787.00	122.00	1106.00	928.00	104.00	109.00	114.00	382.00	267.00	1054.00	1069.00	1706.00	130.00
8th - Floor		836.00	129.00	1175.00	986.00	111.00	116.00	121.00	406.00	284.00	1120.00	1136.00	1812.00	138.00
9th - Floor		886.00	137.00	1244.00	1044.00	117.00	122.00	128.00	430.00	301.00	1186.00	1202.00	1919.00	146.00
10th - Floor		935.00	144.00	1313.00	1102.00	124.00	129.00	135.00	454.00	317.00	1252.00	1269.00	2025.00	154.00
11th - Floor		984.00	152.00	1382.00	1160.00	130.00	136.00	142.00	478.00	334.00	1318.00	1336.00	2132.00	162.00
12th - Floor		1033.00	160.00	1451.00	1218.00	137.00	143.00	149.00	502.00	351.00	1384.00	1403.00	2239.00	170.00
13th - Floor		1082.00	167.00	1520.00	1276.00	143.00	150.00	156.00	526.00	367.00	1450.00	1470.00	2345.00	178.00
14th - Floor		1132.00	175.00	1589.00	1334.00	150.00	156.00	163.00	550.00	384.00	1516.00	1536.00	2452.00	186.00
15th - Floor		1181.00	182.00	1658.00	1392.00	156.00	163.00	170.00	574.00	401.00	1582.00	1603.00	2558.00	194.00

WATER SUPPLY & SANITARY ITEMS

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
1	2	3	4	5
A		S.W.G. PIPES & FITTINGS		
1	BMW-A.01	Supplying, laying, jointing and testing 101.6 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. Including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	248.00
2	BMW-A.02	Supplying, laying, jointing and testing 101.6 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1:5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping.	1 RM	177.00
3	BMW-A.03	Supplying, laying, jointing and testing 152.4 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	346.00
4	BMW-A.04	Supplying, laying, jointing and testing 152.4 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0")) depth and refilling with watering and tamping.	1 RM	279.00
5	BMW-A.05	labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 914.4 mm (3'0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	89.00
6	BMW-A.06	labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 1524 mm (5'-0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	120.00
7	BMW-A.07	a)Supplying , laying, jointing and testing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 101.6 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	70.00
8	BMW-A.08	b) - do - labour charges only	1 RM	7.00
9	BMW-A.09	a)Supplying , laying, jointing and testing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 152.4 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	121.00
10	BMW-A.10	b) - do - labour charges only	1 RM	35.00
11	BMW-A.11	a) Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	67.00
12	BMW-A.12	b) - do - labour charges only	1 RM	24.00
13	BMW-A.13	a) Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	126.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
14	BMW-A.14	b) - do - labour charges only	1 RM	34.00
15	BMW-A.15	Supply of SWG SP-1 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	134.00
16	BMW-A.16	Supply of SWG SP-1 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	231.00
17	BMW-A.17	Supply of SWG SP-1 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	358.00
18	BMW-A.18	Supply of SWG SP-1 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	656.00
19	BMW-A.19	Supply of SWG SP-1 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	944.00
20	BMW-A.20	Supply of SWG SP-1 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	1285.00
21	BMW-A.21	Supply of SWG SP-1 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	1550.00
22	BMW-A.22	Supply of SWG SP-1 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	1872.00
23	BMW-A.23	Supply of SWG SP-2 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	164.00
24	BMW-A.24	Supply of SWG SP-2 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	245.00
25	BMW-A.25	Supply of SWG SP-2 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	442.00
26	BMW-A.26	Supply of SWG SP-2 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	695.00
27	BMW-A.27	Supply of SWG SP-2 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	1067.00
28	BMW-A.28	Supply of SWG SP-2 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	1384.00
29	BMW-A.29	Supply of SWG SP-2 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	1594.00
30	BMW-A.30	Supply of SWG SP-2 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	2034.00
31	BMW-A.31	Supply of SWG SP-3 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	210.00
32	BMW-A.32	Supply of SWG SP-3 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	306.00
33	BMW-A.33	Supply of SWG SP-3 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	542.00
34	BMW-A.34	Supply of SWG SP-3 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	823.00
35	BMW-A.35	Supply of SWG SP-3 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	1150.00
36	BMW-A.36	Supply of SWG SP-3 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	1461.00
37	BMW-A.37	Supply of SWG SP-2 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	1682.00
38	BMW-A.38	Supply of SWG SP-3 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	2287.00
39	BMW-A.39	Supply of SWG Bends conforming to IS standards -100 mm dia	Each	67.00
40	BMW-A.40	Supply of SWG Bends conforming to IS standards -150 mm dia	Each	124.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
41	BMW-A.41	Supply of SWG Bends conforming to IS standards -200 mm dia	Each	234.00
42	BMW-A.42	Supply of SWG Bends conforming to IS standards -250 mm dia	Each	474.00
43	BMW-A.43	Supply of SWG Bends conforming to IS standards -300 mm dia	Each	603.00
44	BMW-A.44	Supply of SWG Bends conforming to IS standards -350 mm dia	Each	752.00
45	BMW-A.45	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 100 x 100	Each	129.00
46	BMW-A.46	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 100	Each	190.00
47	BMW-A.47	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 150	Each	207.00
48	BMW-A.48	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 100	Each	295.00
49	BMW-A.49	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 150	Each	345.00
50	BMW-A.50	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 200	Each	396.00
51	BMW-A.51	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 100	Each	465.00
52	BMW-A.52	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 150	Each	615.00
53	BMW-A.53	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 200	Each	761.00
54	BMW-A.54	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 250	Each	910.00
55	BMW-A.55	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 100	Each	664.00
56	BMW-A.56	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 150	Each	850.00
57	BMW-A.57	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 200	Each	1037.00
58	BMW-A.58	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 250	Each	1224.00
59	BMW-A.59	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 300	Each	1410.00
60	BMW-A.60	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 100	Each	829.00
61	BMW-A.61	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 150	Each	1063.00
62	BMW-A.62	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 200	Each	1296.00
63	BMW-A.63	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 250	Each	1528.00
64	BMW-A.64	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 300	Each	1762.00
65	BMW-A.65	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 350	Each	1994.00
66	BMW-A.66	Supply of SWG Plugs conforming to IS standards for 100 mm dia	Each	24.00
67	BMW-A.67	Supply of SWG Plugs conforming to IS standards for 150	Each	47.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		mm dia		
68	BMW-A.68	Supply of SWG Plugs conforming to IS standards for 200 mm dia	Each	89.00
69	BMW-A.69	Supply of SWG Plugs conforming to IS standards for 250 mm dia	Each	153.00
70	BMW-A.70	Supply of SWG Plugs conforming to IS standards for 300 mm dia	Each	243.00
71	BMW-A.71	Supply of SWG Plugs conforming to IS standards for 350 mm dia	Each	305.00
72	BMW-A.72	Supplying & fixing 150 mm x 100 mm SWG gully traps conforming to ISI 651 & 4127 with C.I Grating & Cost. Brick masonry in CM 1:6 prop. Intermediate chamber and fitted with 304.8 mm x 288.6mm (12"x9") C.I Frame and hinged cover	Each	419.00
73	BMW-A.73	Supply of SWG Gully Traps (Round & Square) conforming to IS standards 150 x 100 mm	Each	187.00
74	BMW-A.74	Labour charges for fixing and laying the SWG Junctions/ Plugs/ Bends of any dia with airtight cement joints as per standard practice	Each	18.00
75	BMW-A.75	Supply of SWG Saddles conforming to IS standards 150 x 100 mm		136.00
76	BMW-A.76	Supply of SWG Saddles conforming to IS standards 200 x 100 mm		234.00
77	BMW-A.77	Supply of SWG Saddles conforming to IS standards 250 x 100 mm		378.00
B		MAN HOLES & INSPECTION CHAMBERS - AS PER - IS 4111 : Part 1 : 1986		
78	BMW-B.01	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using fly-ash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	4648.00
79	BMW-B.02	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using fly-ash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete	Each	7225.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2010-11
		(1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.		
80	BMW-B.03	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	4096.00
81	BMW-B.04	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	6160.00
82	BMW-B.05	Constructing 914.4 mm x 457.2 mm (3'0"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 914.4 mm x 457.2 mm (3'0"x1'6") C.I frame and cover of 40 Kg.	Each	4355.00
83	BMW-B.06	Constructing 457.2 mm x 457.2 mm (1'6"x1'6") brick in CM 1:6 prop. Masonry. Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 457.2 mm x 457.2 mm (1'6"x1'6") C.I frame and cover of 20 Kg.	Each	2626.00
84	BMW-B.07	a)Making drainage connection in the existing inspection	Each	90.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		including all repairs		
85	BMW-B.08	b) - do - labour charges only	Each	50.00
C		C.I. PIPES & FITTINGS - AS PER - IS 1729:1979		
		Supplying and fixing of C.I. Single/ Double Socket soil pipes ISI marked conforming to IS:1729-1979 of reputed make with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar (1½:1) and including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete		
86	BMW-C.01	3" dia (76.2 mm) Single Socket	1 RM	561.00
87	BMW-C.02	4" dia (101.6mm) Single Socket	1 RM	641.00
88	BMW-C.03	6" dia (152.4mm) Single Socket	1 RM	1121.00
89	BMW-C.04	3" dia (76.2 mm) Double Socket	1 RM	613.00
90	BMW-C.05	4" dia (101.6mm) Double Socket	1 RM	700.00
91	BMW-C.06	6" dia (152.4mm) Double Socket	1 RM	1183.00
92	BMW-C.07	Labour charges only for fixing of C.I. Single/ Double Socket soil pipes of any dia with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar and including fixing of M.S. clamps if necessary with required nails	1 RM	150.00
93	BMW-C.08	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	183.00
94	BMW-C.09	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	237.00
95	BMW-C.10	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	461.00
96	BMW-C.11	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	247.00
97	BMW-C.12	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	289.00
98	BMW-C.13	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	610.00
99	BMW-C.14	Labour charges only for fixing CI Plain/ Plug (Door) bends with cement caulked joints and fixing as per site requirements with standard practice	Each	48.00
100	BMW-C.15	Supplying and fixing of 76.2 mm (3") CI soil single junction with plug : conforming to IS:1729-1979 with	Each	332.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		cement caulked joints and fixing		
101	BMW-C.16	Supplying and fixing of 101.6 mm (4") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	452.00
102	BMW-C.17	Supplying and fixing of 152.4 mm (6") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	1056.00
103	BMW-C.18	Supplying and fixing of 76.2 mm (3") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	286.00
104	BMW-C.19	Supplying and fixing of 101.6 mm (4") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	392.00
105	BMW-C.20	Supplying and fixing of 152.4 mm (6") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	942.00
106	BMW-C.21	Labour charges only fixing CI soil single junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	65.00
107	BMW-C.22	Supplying and Fixing of 76.2 mm (3") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	516.00
108	BMW-C.23	Supplying and Fixing of 101.6 mm (4") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	597.00
109	BMW-C.24	Supplying and Fixing of 152.4 mm (6") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	1475.00
110	BMW-C.25	Supplying and Fixing of 76.2 mm (3") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	449.00
111	BMW-C.26	Supplying and Fixing of 101.6 mm (4") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	554.00
112	BMW-C.27	Supplying and Fixing of 152.4 mm (6") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	1382.00
113	BMW-C.28	Labour charges only fixing CI soil Double junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	60.00
114	BMW-C.29	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 76.20 mm (3") C.I. Pipe	Each	220.00
115	BMW-C.30	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 101.6 mm (4") C.I. Pipe	Each	308.00
116	BMW-C.31	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 152.4 mm (6") C.I. Pipe	Each	671.00
117	BMW-C.32	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 76.20 mm (3") C.I. Pipe	Each	262.00
118	BMW-C.33	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:1729-1979 with cement caulked joints	Each	349.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		and fixing - for 101.6 mm (4") C.I. Pipe		
119	BMW-C.34	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 152.4 mm (6") C.I. Pipe	Each	687.00
120	BMW-C.35	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 76.20 mm (3") C.I. Pipe	Each	303.00
121	BMW-C.36	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 101.6 mm (4") C.I. Pipe	Each	392.00
122	BMW-C.37	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 152.4 mm (6") C.I. Pipe	Each	702.00
123	BMW-C.38	Labour charges only fixing CI soil Offsets with cement caulked joints and fixing as per site requirements with standard practice	Each	30.00
124	BMW-C.39	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet- 75 mm (3") outlet pipe	Each	300.00
125	BMW-C.40	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet - 100 mm (4") outlet pipe	Each	358.00
126	BMW-C.41	Supplying & fixing CI Nahany traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet- 75 mm (3") outlet pipe - 4 Kgs	Each	243.00
127	BMW-C.42	Labour charges only for fixing CI Nahany/ Floor traps with C.P. Grating fixing with white cement as per site requirements with standard practice	Each	39.00
128	BMW-C.43	Boxing of Nahany traps in RCC floors	Each	127.00
129	BMW-C.44	Boxing of W.C Trap in R.C.C floors	Each	254.00
130	BMW-C.45	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 76.20 mm (3") C.I. Pipe	Each	134.00
131	BMW-C.46	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 101.6 mm (4") C.I. Pipe	Each	168.00
132	BMW-C.47	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 152.4 mm (6") C.I. Pipe	Each	482.00
D		VITREOUS CHINAWARE - SANITARY APPLIANCES as per IS:2556 - 1974		
133	BMW-D.01	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: 580 mm Long	Each	700.00
134	BMW-D.02	Supplying & Fixing Indian pattern white glazed W.C 1st	Each	700.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: 630 mm Long		
135	BMW-D.03	Labour charges only for fixing Indian pattern W.C with "P" or "S" trap	Each	200.00
136	BMW-D.04	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: 580 mm x 440 mm	Each	915.00
137	BMW-D.05	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: 630 mm x 450 mm	Each	1000.00
138	BMW-D.06	Labour charges only Fixing Orissa pan W.C with "P" or "S" trap	Each	250.00
139	BMW-D.07	Supplying & Fixing porcelain foot rest for squatting I.W.C. (Rectangular pair) of sizes 250 mm x 125 mm x 15 mm thick each foot rest 1st quality ISI marked conforming to IS:2556-Part-10:1974	Pair	170.00
140	BMW-D.08	Labour charges only for fixing porcelain foot rest for squatting I.W.C. (Rectangular pair)	Pair	45.00
141	BMW-D.09	Providing Brick masonry seat for Orissa pan/ Indian W.C. using 2nd class bricks as per standard practice	Each	220.00
142	BMW-D.10	Providing Cement Concrete Squatting plate for Orissa pan/ Indian W.C. in P.C.C. 1:2:4 as per standard practice	Each	65.00
143	BMW-D.11	Supplying & Fixing low down porcelain flushing tank 10 Lit Capacity Hindustan Sanitary ware/ parry/ Neycer with internal components	Each	1700.00
144	BMW-D.12	Labour charges only for fixing low down porcelain flushing tank with internal components	Each	350.00
145	BMW-D.13	Supplying and Fixing European Water Closet of 1st quality conforming to IS:2556-Part-2-1973 of Hindustan / Neycer or Parryware make white glazed with 'P' trap	Each	1200.00
146	BMW-D.14	Supplying and Fixing European Water Closet of 1st quality conforming to IS:2556-Part-2-1973 of Hindustan / Neycer or Parryware make white glazed with 'S' trap	Each	1250.00
147	BMW-D.15	Labour charges only for fixing European Water Closet with 'P' or 'S' trap as per standard practice	Each	175.00
148	BMW-D.16	Supplying and Fixing best Indian make plastic seat and lid for European water closets with rubber or plastic Buffers as per IS 2548-1996	Each	340.00
149	BMW-D.17	Labour charges only for fixing plastic seat and lid for European water closet	Each	50.00
150	BMW-D.18	Supply, Installation and commissioning approved make floor mounted EWC (suit) CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: White Colour	Each	6500.00
151	BMW-D.19	Supply, Installation and commissioning approved make floor mounted EWC (suit) CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all	Each	9500.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Coloured - Grade - I/ Grade - II		
152	BMW-D.20	Supply, Installation and commissioning approved make floor mounted EWC (suit) CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Special Colour - Grade - III	Each	12100.00
153	BMW-D.21	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 660 x 460 mm - Single C.P. Pillar cock	Each	1750.00
154	BMW-D.22	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm - Single C.P. Pillar cock	Each	1550.00
155	BMW-D.23	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm - Double C.P. Pillar cock	Each	1900.00
156	BMW-D.24	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 550 x 400 mm - Single C.P. Pillar	Each	1150.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		cock		
157	BMW-D.25	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 550 x 400 mm - Double C.P. Pillar cock	Each	1400.00
158	BMW-D.26	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 450 x 300 mm - Single C.P. Pillar cock	Each	1000.00
159	BMW-D.27	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 450 x 300 mm - Double C.P. Pillar cock	Each	1300.00
160	BMW-D.28	Labour charges only for fixing Indian make Flat Back Wash Hand Basin with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting Pillar Taps complete with standard CI brackets including wooden block	Each	250.00
161	BMW-D.29	Supplying and Fixing Pedestal for Wash Hand Basin (H.S.W / Parry / Earthenware)	Each	810.00
162	BMW-D.30	Labour charges only for fixing pedestal for wash hand basin	Each	90.00
163	BMW-D.31	Supplying & Fixing 31.75 mm C.P bottle trap (Heavy type) Parryware or equivalent	Each	320.00
164	BMW-D.32	Labour charges only for fixing bottle trap to the wash hand basin	Each	35.00
165	BMW-D.33	Supplying & Fixing white glazed flat back Bowl urinals of size 440 mm x 265 mm x 315 mm with internal flushing rim fixed with screws complete Indian make (HSW/Parry/Neycer) conforming to IS:2556-1995	Each	600.00
166	BMW-D.34	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make (HSW/Parry/Neycer) : 410 x 265 x 305 mm	Each	1800.00
167	BMW-D.35	Supplying & Fixing white glazed flat back half stall urinals	Each	2000.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make (HSW/Parry/Neycer) : 590 x 375 x 390 mm		
168	BMW-D.36	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete	Each	100.00
169	BMW-D.37	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : 600 x 400 x 250	Each	3200.00
170	BMW-D.38	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : 750 x 450 x 250	Each	3600.00
171	BMW-D.39	Labour charges only for fixing Vitreous china porcelain sinks with waste fittings, rubber plug, chain, cantilever brackets etc.	Each	250.00
172	BMW-D.40	a) S & F 609.6 x 457.2 x 254 mm RCC terrazzo finished sink (or constructed at site with 50.8mm thick) brass plug and chain including CI cantilever brackets	Each	510.00
173	BMW-D.41	b) - do - labour charges only	Each	160.00
E		TAPS & FAUCETS		
174	BMW-E.01	a) S & F 12.7 mm NP stop cock Indian make 400 grams Seiko/ Senior/ Nice/ Senior/ Nice or equivalent	Each	350.00
175	BMW-E.02	b) - do - labour charges only	Each	20.00
176	BMW-E.03	a) S & F concealed stop cock 12.7 mm (1/2") Indian Make 400 grams Seiko/ Senior/ Nice or equivalent	Each	400.00
177	BMW-E.04	b) - do - labour charges only	Each	30.00
178	BMW-E.05	a) S & F angle stop cock 12.7 mm dia first quality Indian Make 400 grams Seiko/ Senior/ Nice or equivalent	Each	350.00
179	BMW-E.06	b) - do - labour charges only	Each	30.00
180	BMW-E.07	a) S&F 12.7 mm N.P bib tap Indian make 400 grams Seiko/ Senior/ Nice or equivalent	Each	300.00
181	BMW-E.08	b) - do - labour charges only	Each	20.00
182	BMW-E.09	a) S&F 12.7mm N.P bib tap Indian make 300 grams	Each	190.00
183	BMW-E.10	b) - do - labour charges only	Each	20.00
184	BMW-E.11	a)S & F 31.75 mm brass plumber Union best Indian first quality	Each	50.00
185	BMW-E.12	b) - do - labour charges only	Each	10.00
186	BMW-E.13	a) S & F 12.7 mm brass stop cock Indian make 400 grams	Each	170.00
187	BMW-E.14	b) - do - labour charges only	Each	20.00
188	BMW-E.15	a) S & F 12.7 mm brass stop cock Indian make 300 grams	Each	150.00
189	BMW-E.16	b) - do - labour charges only	Each	20.00
190	BMW-E.17	a) S & F 12.7 mm brass bib cock Indian make 400 grams	Each	170.00
191	BMW-E.18	b) - do - labour charges only	Each	20.00
192	BMW-E.19	a) S & F 12.7 mm brass bib cock Indian make 300 grams	Each	150.00
193	BMW-E.20	b) - do - labour charges only	Each	20.00
194	BMW-E.21	S & F CP Long body bib cock fancy type deluxe 400 grams 12.7 mm dia Indian make Seiko/ Senior/ Nice or	Each	470.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		equivalent		
195	BMW-E.22	S & F CP Short body bib cock fancy type deluxe 400 grams 12.7 mm dia Indian make Seiko/ Senior/ Nice or equivalent	Each	450.00
196	BMW-E.23	S & F 12.7mm 400 grams dia high neck pillar cock 1st quality Indian make Seiko/ Senior/ Nice or equivalent	Each	860.00
197	BMW-E.24	a) S & F 12.7 mm 400 grams NP Swan Neck Pillar cock Seiko/ Senior/ Nice or equivalent	Each	860.00
198	BMW-E.25	b) - do - labour charges only	Each	35.00
199	BMW-E.26	a) S & F 12.7 mm 400 grams NP Sink cock Seiko/ Senior/ Nice or equivalent	Each	860.00
200	BMW-E.27	b) - do - labour charges only	Each	25.00
201	BMW-E.28	S&F 12.7 mm dia NP pillar cock 400 grams 1st quality Indian make Seiko/ Senior/ Nice or equivalent	Each	450.00
202	BMW-E.29	S&F 12.7 mm dia NP push cock 1st quality	Each	200.00
203	BMW-E.30	S&F 12.7 mm dia NP lift cock 1st quality	Each	175.00
204	BMW-E.31	a)S & F 38.1 mm C.P waste coupling Half or Full Thread 1st Quality Indian make Parryware or equivalent	Each	175.00
205	BMW-E.32	b) - do - labour charges only	Each	20.00
206	BMW-E.33	a) S & F 31.75 mm PVC bottle trap	Each	105.00
207	BMW-E.34	b) - do - labour charges only	Each	20.00
208	BMW-E.35	a) S& F 38.1 mm brass plumber union	Each	50.00
209	BMW-E.36	b) - do - labour charges only	Each	10.00
210	BMW-E.37	a)S & F 19.05 mm 400 grams NP stop cock Indian make with ISI mark Seiko/ Senior/ Nice or equivalent	Each	450.00
211	BMW-E.38	b) - do - labour charges only	Each	20.00
F		G.I. PIPES & FITTINGS		
212	BMW-F.01	S& F GI union 12.7 mm 1st Quality	Each	29.00
213	BMW-F.02	S& F GI union 19.05 mm 1st Quality	Each	35.00
214	BMW-F.03	S& F GI union 25.4 mm 1st Quality	Each	53.00
215	BMW-F.04	S& F GI union 31.75 mm 1st Quality	Each	66.00
216	BMW-F.05	S& F GI union 38.1 mm 1st Quality	Each	79.00
217	BMW-F.06	S& F GI union 50.8 mm 1st Quality	Each	97.00
218	BMW-F.07	S& F GI connector 25.4 mm dia	Each	58.00
219	BMW-F.08	S& F 12.7 mm GI 'T' A class 1st quality	Each	36.00
220	BMW-F.09	S& F 31.75 mm dia GI bend 1st quality	Each	53.00
221	BMW-F.10	S & F 31.75 mm dia GI 'T' 1st Quality	Each	52.00
222	BMW-F.11	a) S & F 25.4 mm copper ball cock ith PVC ball Indian make ISI mark	Each	303.00
223	BMW-F.12	b) - do - labour charges only	Each	31.00
224	BMW-F.13	a) S & F 19.05 mm copper ball cock ith PVC ball Indian make ISI mark	Each	248.00
225	BMW-F.14	b) - do - labour charges only	Each	29.00
226	BMW-F.15	a)S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	160.00
227	BMW-F.16	b) - do - labour charges only	Each	31.00
228	BMW-F.17	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 25 mm NB Size	Each	530.00
229	BMW-F.18	b) - do - labour charges only	Each	31.00
230	BMW-F.19	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778	Each	360.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		Class - I, Indian make heavy type - 20 mm NB Size		
231	BMW-F.20	b) - do - labour charges only	Each	31.00
232	BMW-F.21	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 15 mm NB Size	Each	266.00
233	BMW-F.22	b) - do - labour charges only	Each	31.00
234	BMW-F.23	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 32 mm NB Size	Each	793.00
235	BMW-F.24	b) - do - labour charges only	Each	31.00
236	BMW-F.25	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 40 mm NB Size	Each	1081.00
237	BMW-F.26	b) - do - labour charges only	Each	48.00
238	BMW-F.27	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 50 mm NB Size	Each	1561.00
239	BMW-F.28	b) - do - labour charges only	Each	64.00
240	BMW-F.29	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 65 mm NB Size	Each	2977.00
241	BMW-F.30	b) - do - labour charges only	Each	80.00
242	BMW-F.31	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 80 mm NB Size	Each	4213.00
243	BMW-F.32	b) - do - labour charges only	Each	95.00
244	BMW-F.33	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	233.00
245	BMW-F.34	b) - do - labour charges only	Each	40.00
246	BMW-F.35	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	497.00
247	BMW-F.36	b) - do - labour charges only	Each	48.00
248	BMW-F.37	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	1092.00
249	BMW-F.38	b) - do - labour charges only	Each	80.00
250	BMW-F.39	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	1569.00
251	BMW-F.40	b) - do - labour charges only	Each	80.00
252	BMW-F.41	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	322.00
253	BMW-F.42	b) - do - labour charges only	Each	38.00
254	BMW-F.43	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	177.00
255	BMW-F.44	b) - do - labour charges only	Each	38.00
256	BMW-F.45	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	237.00
257	BMW-F.46	b) - do - labour charges only	Each	38.00
258	BMW-F.47	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	314.00
259	BMW-F.48	b) - do - labour charges only	Each	38.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
260	BMW-F.49	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 32 mm NB Size	Each	469.00
261	BMW-F.50	b) - do - labour charges only	Each	38.00
262	BMW-F.51	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	705.00
263	BMW-F.52	b) - do - labour charges only	Each	38.00
264	BMW-F.53	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	1021.00
265	BMW-F.54	b) - do - labour charges only	Each	38.00
266	BMW-F.55	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 15 mm NB Size	Each	276.00
267	BMW-F.56	b) - do - labour charges only	Each	38.00
268	BMW-F.57	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 20 mm NB Size	Each	360.00
269	BMW-F.58	b) - do - labour charges only	Each	38.00
270	BMW-F.59	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 25 mm NB Size	Each	529.00
271	BMW-F.60	b) - do - labour charges only	Each	38.00
272	BMW-F.61	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 32 mm NB Size	Each	959.00
273	BMW-F.62	b) - do - labour charges only	Each	38.00
274	BMW-F.63	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 40 mm NB Size	Each	1440.00
275	BMW-F.64	b) - do - labour charges only	Each	38.00
276	BMW-F.65	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 50 mm NB Size	Each	2519.00
277	BMW-F.66	b) - do - labour charges only	Each	38.00
278	BMW-F.67	a) S& F 15 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	118.00
279	BMW-F.68	b) - do - labour charges only	1 RM	29.00
280	BMW-F.69	a) S& F 20 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	136.00
281	BMW-F.70	b) - do - labour charges only	1 RM	29.00
282	BMW-F.71	a) S& F 25 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	178.00
283	BMW-F.72	b) - do - labour charges only	1 RM	29.00
284	BMW-F.73	a) S& F 32 mm Nominal Bore GI pipe Light Grade	1 RM	249.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete		
285	BMW-F.74	b) - do - labour charges only	1 RM	29.00
286	BMW-F.75	a) S& F 40 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	281.00
287	BMW-F.76	b) - do - labour charges only	1 RM	31.00
288	BMW-F.77	a) S& F 50 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	306.00
289	BMW-F.78	b) - do - labour charges only	1 RM	48.00
290	BMW-F.79	a) S& F 15 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	131.00
291	BMW-F.80	b) - do - labour charges only	1 RM	29.00
292	BMW-F.81	a) S& F 20 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	146.00
293	BMW-F.82	b) - do - labour charges only	1 RM	29.00
294	BMW-F.83	a) S& F 25 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	191.00
295	BMW-F.84	b) - do - labour charges only	1 RM	29.00
296	BMW-F.85	a) S& F 32 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	269.00
297	BMW-F.86	b) - do - labour charges only	1 RM	29.00
298	BMW-F.87	a) S& F 40 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	301.00
299	BMW-F.88	b) - do - labour charges only	1 RM	31.00
300	BMW-F.89	a) S& F 50 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	324.00
301	BMW-F.90	b) - do - labour charges only	1 RM	48.00
302	BMW-F.91	S & F 65 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 with GI fittings such as elbows tees couplings, nipples, plugs including excavation for trenches and refilling the trenches complete except for GI bends union and GI connectors with checkout and socket Tata or Zenith make or equivalent.	1 RM	575.00
303	BMW-F.92	a)S & F 12.7 mm holder bat clamps	Each	9.00
304	BMW-F.93	b) - do - labour charges only	Each	5.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
305	BMW-F.94	a)S & F 19.05 mm holder bat clamps	Each	14.00
306	BMW-F.95	b) - do - labour charges only	Each	5.00
307	BMW-F.96	a)S & F 25.4 mm holder bat clamps	Each	17.00
308	BMW-F.97	b) - do - labour charges only	Each	5.00
309	BMW-F.98	a)S & F 38.1 mm holder bat clamps	Each	21.00
310	BMW-F.99	b) - do - labour charges only	Each	6.00
311	BMW-F.100	a) S & F 12.7 x 152.0 mm NP shower rose heavy	Each	132.00
312	BMW-F.101	b) - do - labour charges only	Each	14.00
313	BMW-F.102	a) S & F 12.7 x 137.0 mm NP shower rose heavy	Each	127.00
314	BMW-F.103	b) - do - labour charges only	Each	16.00
315	BMW-F.104	a) S & F 12.7 x 101.6 mm NP shower rose heavy	Each	121.00
316	BMW-F.105	b) - do - labour charges only	Each	16.00
317	BMW-F.106	a) S & F 12.7 x 88.9 CP fancy shower	Each	215.00
318	BMW-F.107	b) - do - labour charges only	Each	16.00
319	BMW-F.108	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	30.00
320	BMW-F.109	b) - do - labour charges only	Each	16.00
321	BMW-F.110	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	44.00
322	BMW-F.111	b) - do - labour charges only	Each	15.00
323	BMW-F.112	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	52.00
324	BMW-F.113	b) - do - labour charges only	Each	17.00
325	BMW-F.114	a) Taking branch water connection from the existing 25.4 mm GI pipe including cutting threading, etc, complete with fitting	Each	102.00
326	BMW-F.115	b) - do - labour charges only	Each	29.00
327	BMW-F.116	a) Taking branch water connection from the existing 19.05 mm GI pipe including cutting threading, etc, complete with fitting,	Each	58.00
328	BMW-F.117	b) - do - labour charges only	Each	26.00
329	BMW-F.118	a) Taking branch water connection from the existing 12.7 mm GI pipe including cutting threading, etc, complete with fitting,	Each	44.00
330	BMW-F.119	b) - do - labour charges only	Each	22.00
331	BMW-F.120	Supplying & fixing leather washers for 12.7 mm bib tap and stop cock	Each	1.00
332	BMW-F.121	Supplying & fixing leather washers for 19.05 mm bib tap and stop cock	Each	3.00
333	BMW-F.122	Supplying & Fixing 12.7 mm fibre washers	Each	3.00
334	BMW-F.123	Supplying & Fixing 19.05 mm fibre washers	Each	3.00
G		PVC PIPES & FITTINGS		
335	BMW-G.01	a) Providing & Placing on Terrace (at all floor levels) polyethylene water storage tank with Double layer approved brand & manufacture with cover and suitable locking arrangement & making necessary holes for inlet & outlets and over flow pipes but without fittings & base support for tanks	1 Lit	4.40
336	BMW-G.02	b) - do - labour charges only	1 Lit	0.38
337	BMW-G.03	Supply of Plastic storage tank lid with hinges	Each	60.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
338	BMW-G.04	Supply & Fixing 76.2 mm dia PVC elbow Ist quality	Each	37.00
339	BMW-G.05	Supply & fixing 31.75 mm dia PVC flexible waste pipe of 914.4 mm length of Ist quality	Each	21.00
340	BMW-G.06	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	70.00
341	BMW-G.07	Supply & fixing Fancy PVC shelf including all fittings	Each	168.00
342	BMW-G.08	Supply & fixing of PVC low level system parry ware, slim line with internal components & short bend: 10 Litres capacity Single Flush	Each	1150.00
343	BMW-G.09	Supply & fixing of PVC low level system parry ware, slim line with internal components & short bend: 10 litres capacity Dual Flush	Each	1350.00
344	BMW-G.10	Supply & fixing of PVC low level system parry ware, slim line with internal components & short bend: 8 Litres capacity single Flush	Each	650.00
345	BMW-G.11	75 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	202.00
346	BMW-G.12	90 mm dia 3 M single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	320.00
347	BMW-G.13	110 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	383.00
348	BMW-G.14	75 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	228.00
349	BMW-G.15	90 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	363.00
350	BMW-G.16	110 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	444.00
351	BMW-G.17	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	142.00
352	BMW-G.18	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	219.00
353	BMW-G.19	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	272.00
354	BMW-G.20	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	151.00
355	BMW-G.21	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	232.00
356	BMW-G.22	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	282.00
357	BMW-G.23	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	104.00
358	BMW-G.24	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	160.00
359	BMW-G.25	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	192.00
360	BMW-G.26	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	88.00
361	BMW-G.27	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	129.00
362	BMW-G.28	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	166.00
363	BMW-G.29	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	53.00
364	BMW-G.30	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe	Each	89.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		- 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand		
365	BMW-G.31	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	110.00
366	BMW-G.32	160 MM dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	911.00
367	BMW-G.33	75 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	342.00
368	BMW-G.34	90 mm dia 3 M single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	550.00
369	BMW-G.35	110 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	655.00
370	BMW-G.36	75 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	374.00
371	BMW-G.37	90 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	593.00
372	BMW-G.38	110 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	723.00
373	BMW-G.39	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	224.00
374	BMW-G.40	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	349.00
375	BMW-G.41	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	415.00
376	BMW-G.42	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	239.00
377	BMW-G.43	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	363.00
378	BMW-G.44	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	448.00
379	BMW-G.45	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	162.00
380	BMW-G.46	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	251.00
381	BMW-G.47	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	306.00
382	BMW-G.48	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	140.00
383	BMW-G.49	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	205.00
384	BMW-G.50	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	248.00
385	BMW-G.51	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	90.00
386	BMW-G.52	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	141.00
387	BMW-G.53	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	179.00
388	BMW-G.54	160 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar or any ISI Brand	Each	1490.00
389	BMW-G.55	75 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	39.00
390	BMW-G.56	90 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	56.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
391	BMW-G.57	110 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	65.00
392	BMW-G.58	75 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	53.00
393	BMW-G.59	90 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	75.00
394	BMW-G.60	110 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	84.00
395	BMW-G.61	75 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	30.00
396	BMW-G.62	90 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	43.00
397	BMW-G.63	110 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	56.00
398	BMW-G.64	75 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	53.00
399	BMW-G.65	90 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	77.00
400	BMW-G.66	110 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	93.00
401	BMW-G.67	75 mm dia - Single Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	47.00
402	BMW-G.68	90 mm dia - Single Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	70.00
403	BMW-G.69	110 mm dia - Single Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	85.00
404	BMW-G.70	75 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	57.00
405	BMW-G.71	90 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	85.00
406	BMW-G.72	110 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	103.00
407	BMW-G.73	75 mm dia - Double Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	99.00
408	BMW-G.74	90 mm dia - Double Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	144.00
409	BMW-G.75	110 mm dia - Double Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	205.00
410	BMW-G.76	75 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	158.00
411	BMW-G.77	90 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	226.00
412	BMW-G.78	110 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	233.00
413	BMW-G.79	75 mm dia - Single 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	58.00
414	BMW-G.80	90 mm dia - Single 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	93.00
415	BMW-G.81	110 mm dia - Single 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	108.00
416	BMW-G.82	75 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	75.00
417	BMW-G.83	90 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings	Each	117.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		(Prince/Sudhakar or any ISI Brand)		
418	BMW-G.84	110 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	135.00
419	BMW-G.85	75 mm dia - Double 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	81.00
420	BMW-G.86	90 mm dia - Double 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	125.00
421	BMW-G.87	110 mm dia - Double 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	142.00
422	BMW-G.88	75 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	104.00
423	BMW-G.89	90 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	163.00
424	BMW-G.90	110 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	183.00
425	BMW-G.91	75 mm dia - Coupler - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	28.00
426	BMW-G.92	90 mm dia - Coupler - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	40.00
427	BMW-G.93	110 mm dia - Coupler - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	45.00
428	BMW-G.94	90 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	47.00
429	BMW-G.95	110 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	45.00
430	BMW-G.96	90 x 110 mm dia - Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	63.00
431	BMW-G.97	63 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	7.00
432	BMW-G.98	75 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	11.00
433	BMW-G.99	90 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	13.00
434	BMW-G.100	110 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	15.00
435	BMW-G.101	40 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand) - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	9.00
436	BMW-G.102	50 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	11.00
437	BMW-G.103	63 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	11.00
438	BMW-G.104	75 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	12.00
439	BMW-G.105	90 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	13.00
440	BMW-G.106	110 mm - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	14.00
441	BMW-G.107	160 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	28.00
442	BMW-G.108	P' Trap (Small without Air vent) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	149.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
443	BMW-G.109	P' Trap (Small with Air vent) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	164.00
444	BMW-G.110	P' Trap (Big with Air vent) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	188.00
445	BMW-G.111	P' Trap (Big without Air vent) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	173.00
446	BMW-G.112	Floor Trap (Bell Mouth) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	179.00
447	BMW-G.113	Bell Mouth Trap 7 " (177.8 mm) - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	261.00
448	BMW-G.114	4" (101.6 mm) Nahany Trap (Without Jali with inlet)UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	89.00
449	BMW-G.115	3" (76.2 mm) Nahany Trap (without Jali without inlet) UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	69.00
450	BMW-G.116	4" (101.6 mm) Nahany Trap (without inlet with out Jali)UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	85.00
451	BMW-G.117	Mini Trap - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	42.00
452	BMW-G.118	3" (76.2 mm) Nahany Trap with Jali - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	81.00
453	BMW-G.119	4" (101.6 mm) multi floor trap with Jali- UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	114.00
454	BMW-G.120	4" (101.6) multi floor trap with out Jalli- UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	89.00
455	BMW-G.121	Round Jali - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	19.00
456	BMW-G.122	Square tile & Jalli - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	30.00
457	BMW-G.123	Pipe connector (with LIP ring) - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	119.00
458	BMW-G.124	Pipe connector (with out LIP ring) - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	92.00
459	BMW-G.125	4" (101.6 mm) Floor Trap - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	109.00
460	BMW-G.126	5" (127.mm) floor Trap - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	116.00
461	BMW-G.127	75 mm dia - Door cap - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	45.00
462	BMW-G.128	90 mm dia - Door cap - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	50.00
463	BMW-G.129	110 mm dia - Door cap - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	58.00
464	BMW-G.130	75 mm dia - Socket plug - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	42.00
465	BMW-G.131	90 mm dia - Socket plug - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	48.00
466	BMW-G.132	110 mm dia - Socket plug - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	50.00
467	BMW-G.133	75 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	6.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
468	BMW-G.134	90 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	7.00
469	BMW-G.135	110 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	9.00
470	BMW-G.136	75 mm dia - Door Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	7.00
471	BMW-G.137	90 mm dia - Door Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	9.00
472	BMW-G.138	110 mm dia - Door Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	11.00
473	BMW-G.139	LIP ring 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	55.00
474	BMW-G.140	Rubber Lubricant - 100 Grams	Each	23.00
475	BMW-G.141	Rubber Lubricant - 250 Grams	Each	51.00
476	BMW-G.142	Rubber Lubricant - 500 Grams	Each	93.00
477	BMW-G.143	Rubber Lubricant - 1000 Grams	Each	173.00
478	BMW-G.144	P' Trap with lip UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	236.00
479	BMW-G.145	50 ml - Solvent Cement	Each	12.00
480	BMW-G.146	100 ml - Solvent Cement	Each	20.00
481	BMW-G.147	250 ml - Solvent Cement	Each	47.00
482	BMW-G.148	500 ml - Solvent Cement	Each	91.00
483	BMW-G.149	1000 ml - Solvent Cement	Each	179.00
484	BMW-G.150	110mm x 90 mm - Internal Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	71.00
485	BMW-G.151	160 mm x 110 mm - Internal Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar or any ISI Brand)	Each	177.00
486	BMW-G.152	Labour charges for laying, fixing and commissioning the PVC pipes including couplers/ bends/ tees etc any diameter including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with solvent jointing as per standard practice	1 RM	50.00
H		CENTRIFUGAL CAST IRON PIPES & FITTINGS AS PER IS: 3989 - 1984		
487	BMW-H.01	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1024.00
488	BMW-H.02	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1364.00
489	BMW-H.03	150 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	2501.00
490	BMW-H.04	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1137.00
491	BMW-H.05	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1535.00
492	BMW-H.06	75 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	922.00
493	BMW-H.07	100 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	1230.00
494	BMW-H.08	75 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	824.00
495	BMW-H.09	100 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	1096.00
496	BMW-H.10	75 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	671.00
497	BMW-H.11	100 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	875.00
498	BMW-H.12	75 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	705.00
499	BMW-H.13	100 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	875.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
500	BMW-H.14	75 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	244.00
501	BMW-H.15	100 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	281.00
502	BMW-H.16	75 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	350.00
503	BMW-H.17	100 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	403.00
504	BMW-H.18	150 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	769.00
505	BMW-H.19	75 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	483.00
506	BMW-H.20	100 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	534.00
507	BMW-H.21	150 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	963.00
508	BMW-H.22	75 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	741.00
509	BMW-H.23	100 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	999.00
510	BMW-H.24	75 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	815.00
511	BMW-H.25	100 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1220.00
512	BMW-H.26	75 mm dia Plain Bend - CI (Spun) fittings	Each	251.00
513	BMW-H.27	100 mm dia Plain Bend - CI (Spun) fittings	Each	296.00
514	BMW-H.28	150 mm dia Plain Bend - CI (Spun) fittings	Each	706.00
515	BMW-H.29	75 mm dia Door Bend - CI (Spun) fittings	Each	260.00
516	BMW-H.30	100 mm dia Door Bend - CI (Spun) fittings	Each	337.00
517	BMW-H.31	150 mm dia Door Bend - CI (Spun) fittings	Each	772.00
518	BMW-H.32	75 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	251.00
519	BMW-H.33	100 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	296.00
520	BMW-H.34	150 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	706.00
521	BMW-H.35	75 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	260.00
522	BMW-H.36	100 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	337.00
523	BMW-H.37	150 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	772.00
524	BMW-H.38	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	512.00
525	BMW-H.39	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	597.00
526	BMW-H.40	75 mm dia Heel Rest Bend - CI (Spun) fittings	Each	268.00
527	BMW-H.41	100 mm dia Heel Rest Bend - CI (Spun) fittings	Each	343.00
528	BMW-H.42	150 mm dia Heel Rest Bend - CI (Spun) fittings	Each	727.00
529	BMW-H.43	75 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	337.00
530	BMW-H.44	100 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	456.00
531	BMW-H.45	150 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	939.00
532	BMW-H.46	75 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	397.00
533	BMW-H.47	100 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	528.00
534	BMW-H.48	150 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	992.00
535	BMW-H.49	75 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	397.00
536	BMW-H.50	100 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	528.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
537	BMW-H.51	150 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	1164.00
538	BMW-H.52	75 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	436.00
539	BMW-H.53	100 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	583.00
540	BMW-H.54	150 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	1255.00
541	BMW-H.55	75 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	461.00
542	BMW-H.56	100 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	621.00
543	BMW-H.57	75 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	514.00
544	BMW-H.58	100 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	647.00
545	BMW-H.59	75 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	514.00
546	BMW-H.60	100 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	647.00
547	BMW-H.61	75 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	542.00
548	BMW-H.62	100 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	702.00
549	BMW-H.63	75 mm dia Shoe Bend - CI (Spun) fittings	Each	317.00
550	BMW-H.64	100 mm dia Shoe Bend - CI (Spun) fittings	Each	371.00
551	BMW-H.65	150 mm dia Shoe Bend - CI (Spun) fittings	Each	755.00
552	BMW-H.66	75 mm dia Collar - CI (Spun) fittings	Each	217.00
553	BMW-H.67	100 mm dia Collar - CI (Spun) fittings	Each	264.00
554	BMW-H.68	150 mm dia Collar - CI (Spun) fittings	Each	542.00
555	BMW-H.69	75 mm dia Cowl - CI (Spun) fittings	Each	192.00
556	BMW-H.70	100 mm dia Cowl - CI (Spun) fittings	Each	217.00
557	BMW-H.71	150 mm dia Cowl - CI (Spun) fittings	Each	488.00
558	BMW-H.72	75 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	278.00
559	BMW-H.73	100 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	337.00
560	BMW-H.74	150 mm dia Offset 3" (76.2 mm) projection - CI (Spun) fittings	Each	682.00
561	BMW-H.75	75 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	304.00
562	BMW-H.76	100 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	397.00
563	BMW-H.77	150 mm dia Offset 6" (152.4mm) projection - CI (Spun) fittings	Each	793.00
564	BMW-H.78	75 mm dia Long Door Bend - CI (Spun) fittings	Each	639.00
565	BMW-H.79	100 mm dia Long Door Bend - CI (Spun) fittings	Each	688.00
566	BMW-H.80	75 mm dia Hand Hole pipe (Inspection pipe)	Each	368.00
567	BMW-H.81	100 mm dia Hand Hole pipe (Inspection pipe)	Each	500.00
568	BMW-H.82	150 mm dia Hand Hole pipe (Inspection pipe)	Each	666.00
569	BMW-H.83	75 mm dia P Traps - CI (Spun) fittings	Each	397.00
570	BMW-H.84	100 mm dia P Traps - CI (Spun) fittings	Each	545.00
571	BMW-H.85	4" x 3" (101.6 mm x 76.2mm) P. Traps 100 mm dia - CI (Spun) fittings	Each	625.00
572	BMW-H.86	4" x 3" (101.6 mm x 76.2mm) Vent Traps 100 mm dia - CI (Spun) fittings	Each	625.00
573	BMW-H.87	4" x 3" (101.6 mm x 76.2mm) Reducer 75 mm dia - CI (Spun) fittings	Each	388.00
574	BMW-H.88	6" x 4" (152.4 mm x101.6 mm) Reducer 75 mm dia - CI (Spun) fittings	Each	531.00
575	BMW-H.89	3" x 2" (76.2 mm x 50.8 mm) plain T 75 mm dia - CI (Spun) fittings	Each	332.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
576	BMW-H.90	3" x 2" (76.2 mm x 50.8 mm) Door T 75 mm dia - CI (Spun) fittings	Each	517.00
577	BMW-H.91	3" x 2" (76.2 mm x 50.8 mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	517.00
578	BMW-H.92	3" x 2" (76.2 mm x 50.8 mm) Door Y 75 mm dia - CI (Spun) fittings	Each	517.00
579	BMW-H.93	4" x 3" (101.6 mm x 76.2mm) Plain T 75 mm dia - CI (Spun) fittings	Each	517.00
580	BMW-H.94	4" x 3" (101.6 mm x 76.2mm) Door T 75 mm dia - CI (Spun) fittings	Each	549.00
581	BMW-H.95	4" x 3" (101.6 mm x 76.2mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	549.00
582	BMW-H.96	4" x 3" (101.6 mm x 76.2mm) Door Y 75 mm dia - CI (Spun) fittings	Each	586.00
583	BMW-H.97	6" x 4" (152.4 mm x101.6 mm) Plain T 75 mm dia - CI (Spun) fittings	Each	767.00
584	BMW-H.98	6" x 4" (152.4 mm x101.6 mm) Door T 75 mm dia - CI (Spun) fittings	Each	830.00
585	BMW-H.99	6" x 4" (152.4 mm x101.6 mm) Plain Y 75 mm dia - CI (Spun) fittings	Each	878.00
586	BMW-H.100	6" x 4" (152.4 mm x101.6 mm) Door Y 75 mm dia - CI (Spun) fittings	Each	1074.00
587	BMW-H.101	75 mm dia Plain " T" 27 " (685.8 mm) Special Types of Long Fittings	Each	1113.00
588	BMW-H.102	100 mm dia - Plain " T" 27 " (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1563.00
589	BMW-H.103	75 mm dia Door "T" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1243.00
590	BMW-H.104	100mm dia Door "T" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1717.00
591	BMW-H.105	75 mm dia Plain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1243.00
592	BMW-H.106	100mm dia Plain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1717.00
593	BMW-H.107	75 mm dia Door " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1386.00
594	BMW-H.108	100mm dia Door " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1885.00
I		MISCELLANEOUS ITEMS		
595	BMW-I.01	a) Supplying & Fixing solder joints up to 50.8 mm dia	Each	45.00
596	BMW-I.02	b) - do - labour charges only	Each	14.00
597	BMW-I.03	a) Supplying & Fixing solution joints up to 50.8 dia Ist quality.	Each	9.00
598	BMW-I.04	b) - do - labour charges only	Each	2.00
599	BMW-I.05	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	21.00
600	BMW-I.06	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	98.00
601	BMW-I.07	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	21.00
602	BMW-I.08	a) S & F NP telephonic shower spray set & valve mixer with rest and all fittings complete (ARK/ESSCO or equivalent make)	Each	1599.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
603	BMW-I.09	b) - do - labour charges only	Each	286.00
604	BMW-I.10	a) S & F NP shower spray fancy with NP Flexible pipe	Each	425.00
605	BMW-I.11	b) - do - labour charges only	Each	95.00
606	BMW-I.12	a) S & F NP cover for Nahany trap	Each	23.00
607	BMW-I.13	b) - do - labour charges only	Each	13.00
608	BMW-I.14	a) Painting the flushing tank with white enamel paint	Each	77.00
609	BMW-I.15	b) - do - labour charges only	Each	45.00
610	BMW-I.16	S & F internal fittings for flush tank Parryplast wonder flush or equivalent	Each	484.00
611	BMW-I.17	Repairing and over hauling flushing tank	Each	64.00
612	BMW-I.18	a) Supplying & Fixing NP chain rubber and plug for basin	Each	30.00
613	BMW-I.19	b) - do - labour charges only	Each	5.00
614	BMW-I.20	a) S & F 25.4 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	121.00
615	BMW-I.21	b) - do - labour charges only	Each	31.00
616	BMW-I.22	a) S & F 19.04 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	105.00
617	BMW-I.23	b) - do - labour charges only	Each	48.00
618	BMW-I.24	a) S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	154.00
619	BMW-I.25	b) - do - labour charges only	Each	40.00
620	BMW-I.26	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	50.00
621	BMW-I.27	b) - do - labour charges only	Each	8.00
622	BMW-I.28	a) S & F NP soap dish heavy type with NP SCREWS	Each	179.00
623	BMW-I.29	b) - do - labour charges only	Each	9.00
624	BMW-I.30	a) S & F NP holder brackets with screws	Each	36.00
625	BMW-I.31	b) - do - labour charges only	Each	10.00
626	BMW-I.32	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	179.00
627	BMW-I.33	b) - do - labour charges only	Each	16.00
628	BMW-I.34	a) S & F 31.75 mm C.P TRAPS	Each	231.00
629	BMW-I.35	b) - do - labour charges only	Each	31.00
630	BMW-I.36	a) Supplying & fixing 88.9 mm A.C cowls	Each	52.00
631	BMW-I.37	b) - do - labour charges only	Each	10.00
632	BMW-I.38	a) Supplying & fixing A.C Cowl 63.5 mm dia	Each	36.00
633	BMW-I.39	b) - do - labour charges only	Each	8.00
634	BMW-I.40	Removing and refixing W.C s	Each	169.00
635	BMW-I.41	Removing and refixing wash hand basins of any size with fittings complete	Each	151.00
636	BMW-I.42	a) S & F 76.2 x 101.6 mm teak wood block complete	Each	19.00
637	BMW-I.43	b) - do - labour charges only	Each	6.00
638	BMW-I.44	Cutting holes in C.C; basement & repairs Labour charges only	Each	71.00
639	BMW-I.45	Cutting holes in stone masonry & basement and repairs Labour charges only	Each	48.00
640	BMW-I.46	Cutting holes in Brick masonry & repairs Labour charges only	Each	31.00
641	BMW-I.47	Cutting holes in RCC slab floor & repairs Labour charges	Each	48.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		only		
642	BMW-I.48	a) Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	74.00
643	BMW-I.49	b) - do - labour charges only	Each	14.00
644	BMW-I.50	a) S & F 12.7 mm .M.P couplings	Each	26.00
645	BMW-I.51	b) - do - labour charges only	Each	8.00
646	BMW-I.52	a) S & F 19.05 mm M.P couplings	Each	30.00
647	BMW-I.53	b) - do - labour charges only	Each	8.00
648	BMW-I.54	a) S& F MP coupling 25.4 mm dia	Each	70.00
649	BMW-I.55	a) S & F PVC Rubber adopter for LLC and bend	Each	14.00
650	BMW-I.56	b) - do - labour charges only	Each	5.00
651	BMW-I.57	a) S& F 31.75 mm Brass union nuts	Each	26.00
652	BMW-I.58	b) - do - labour charges only	Each	5.00
653	BMW-I.59	a) S& F 38.1 mm Brass union nuts	Each	28.00
654	BMW-I.60	b) - do - labour charges only	Each	6.00
655	BMW-I.61	a) Constructing Brick masonry chamber over the gully trap or peet valve and fitted with 304.8 x 228.6 m size CI frame and hinged cover.	Each	336.00
656	BMW-I.62	b) - do - labour charges only	Each	71.00
657	BMW-I.63	a) Constructing Brick masonry support for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size including plastering and finishing etc. complete.	Each	54.00
658	BMW-I.64	b) - do - labour charges only	Each	16.00
659	BMW-I.65	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	88.00
660	BMW-I.66	b) - do - labour charges only	Each	25.00
661	BMW-I.67	a) Supplying & fixing CI Nahany trap grating	Each	14.00
662	BMW-I.68	b) - do - labour charges only	Each	8.00
663	BMW-I.69	a) Supplying & fixing CI gully trap grating	Each	36.00
664	BMW-I.70	b) - do - labour charges only	Each	8.00
665	BMW-I.71	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	14.00
666	BMW-I.72	b) - do - labour charges only	Each	6.00
667	BMW-I.73	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	13.00
668	BMW-I.74	b) - do - labour charges only	Each	4.00
669	BMW-I.75	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	29.00
670	BMW-I.76	b) - do - labour charges only	Each	8.00
671	BMW-I.77	Removing 12.7 mm GI pipe and refixing the same	Mr.	45.00
672	BMW-I.78	Removing 19.05 mm GI pipe and refixing the same	Mr.	50.00
673	BMW-I.79	Removing 25.4 mm GI pipe and refixing the same	Mr.	75.00
674	BMW-I.80	Removing 38.1 mm GI pipe and refixing the same	Rm	95.00
675	BMW-I.81	Removing 50.8 mm GI pipe and refixing the same	Rm	110.00
676	BMW-I.82	Cleaning the W.C with acid and Vim powder	Each	30.00
677	BMW-I.83	Cleaning the Urinal with acid and Vim power	Each	30.00
678	BMW-I.84	Cleaning the wash basin with acid and Vim powder	Each	30.00
679	BMW-I.85	Cleaning the E.W.C with acid and Vim power	Each	30.00
680	BMW-I.86	Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1430.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
681	BMW-I.87	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs	Each	2130.00
682	BMW-I.88	b) - do - labour charges only	Each	100.00
683	BMW-I.89	a) Supplying & fixing CI steps for septic tank.	Each	46.00
684	BMW-I.90	b) - do - labour charges only	Each	8.00
685	BMW-I.91	a) Supplying & fixing 50.8 cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (20 Kgs - Light weight)	Each	920.00
686	BMW-I.92	b) - do - labour charges only	Each	100.00
687	BMW-I.93	a) Supplying & fixing 50.8 cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (Medium weight) as per IS:1726 - 40 Kgs	Each	1900.00
688	BMW-I.94	b) - do - labour charges only	Each	254.00
689	BMW-I.95	Cost. 50.8 mm thick RCM baffle wall with 2.267 Kg steel & rabbit wire mesh in CM 1:3 with fine rendering in neat cement labour charges Only	1 Sqm	185.00
690	BMW-I.96	a) Cost. 50.8 mm RCC partition wall	1 Sqm	202.00
691	BMW-I.97	b) - do - labour charges only	1 Sqm	31.00
692	BMW-I.98	a) S & F double layer of bamboo matting tarred on both sides.	10 Sqm	461.00
693	BMW-I.99	b) - do - labour charges only	10 Sqm	88.00
694	BMW-I.100	Removing of 101.6 m or 76.2 mm CI pipe	1 RM	27.00
695	BMW-I.101	a) Supplying & fixing 76.2 mm W.I clamps	Each	18.00
696	BMW-I.102	b) - do - labour charges only	Each	6.00
697	BMW-I.103	a) Supplying & fixing NP coat hook	Each	35.00
698	BMW-I.104	b) - do - labour charges only	Each	8.00
699	BMW-I.105	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457.2 mm	Each	378.00
700	BMW-I.106	b) - do - labour charges only	Each	83.00
701	BMW-I.107	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	7.00
702	BMW-I.108	b) - do - labour charges only	Each	1.00
703	BMW-I.109	a) Supplying & fixing 19.06 mm dia GI plug	Each	10.00
704	BMW-I.110	b) - do - labour charges only	Each	1.00
705	BMW-I.111	a) Supplying and fixing 38.1 mm dia of GI plug	Each	53.00
706	BMW-I.112	b) - do - labour charges only	Each	6.00
707	BMW-I.113	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	82.00
708	BMW-I.114	b) - do - labour charges only	Each	8.00
709	BMW-I.115	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	148.00
710	BMW-I.116	b) - do - labour charges only	Each	13.00
711	BMW-I.117	a) Supplying & fixing C.P flange.	Each	19.00
712	BMW-I.118	b) - do - labour charges only	Each	5.00
713	BMW-I.119	a) Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	5066.00
714	BMW-I.120	b) - do - labour charges only	Each	360.00
715	BMW-I.121	a) Supplying & fixing SINGLE BOWL stainless steel sink size 24"x18"x8 " (609.6 x 457.2 x 203.2mm) 1 mm thick with accessories	Each	3995.00
716	BMW-I.122	b) - do - labour charges only	Each	350.00
717	BMW-I.123	a) Supplying & fixing stainless steel sink size 20" x18" x 8 " (508x457.2x203.2mm) 1 mm thick with accessories	Each	3620.00
718	BMW-I.124	b) - do - labour charges only	Each	320.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
719	BMW-I.125	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	365.00
720	BMW-I.126	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bib cock Indian make heavy type including all materials	Each	730.00
721	BMW-I.127	Supply & fixing 2 1/2" (63.5mm) dia Sluice valve ISI mark with 2 Nos. flanges, 8 nos, 3/4" dia nuts & bolts and all necessary washers and packing materials etc. complete	Each	4000.00
722	BMW-I.128	Supply & fixing porcelain P' trap	Each	172.00
723	BMW-I.129	Supplying & fixing oval shape basin white (520x410mm) parry or equivalent	Each	1830.00
724	BMW-I.130	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	520.00
725	BMW-I.131	Supply & fixing cp spl. Grating with frame and cover of 1 st quality	Each	47.00
726	BMW-I.132	Supply & fixing towel rod (CP) of 24" long and 3/4 " dia	Each	292.00
727	BMW-I.133	Supply & fixing of LLC handle set 1st quality	Each	58.00
728	BMW-I.134	Mechanical Cleaning of water sumps with pumps & UV disinfecting	1000 Lit	40.00
729	BMW-I.135	Supply & fixing 4" dia CP thimble pipe: 150 mm long	Each	305.00
730	BMW-I.136	Supply & fixing 4" dia CP thimble pipe: 220 mm long	Each	456.00
731	BMW-I.137	Supply & fixing 4" dia CP thimble pipe: 300 mm long	Each	608.00
732	BMW-I.138	Supply & fixing CP long bend	Each	257.00
733	BMW-I.139	Supply & fixing CP short bend	Each	129.00
734	BMW-I.140	Supplying & fixing 15 mm Chromeum plated bib tap with flange Jaquar make queen series/ Jupiter Aqua Lines-JAL-make Nira or equivalent series	Each	1236.00
735	BMW-I.141	Supply & fixing Chrome plated bib cock cum health faucet with 1 m long flexible tube and wall hook of Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	3551.00
736	BMW-I.142	Supply & fixing Ivory gold bib cock cum health faucet with 1 m long flexible tube and wall hook of Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	5883.00
737	BMW-I.143	Supply & fixing Chrome plated pillar cock Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1383.00
738	BMW-I.144	Supply & fixing Ivory gold pillar cock Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	2317.00
739	BMW-I.145	Supply & fixing Chrome plated Angular stop cocks with wall flange Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1339.00
740	BMW-I.146	Supply & fixing Ivory gold Angular stop cocks with wall flange Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1631.00
741	BMW-I.147	Supply & fixing Chrome plated Waste coupling Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	322.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
742	BMW-I.148	Supply & fixing of Chrome plated Bottle trap Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1346.00
743	BMW-I.149	Supply & fixing of Ivory gold Bottle trap Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	2116.00
744	BMW-I.150	Supply & Fixing Chrome plated copper pipe 450 mm long with nuts & washers Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	322.00
745	BMW-I.151	Supply & Fixing Ivory gold copper pipe 450 mm long with nuts & washers Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	628.00
746	BMW-I.152	Supply and fixing wall mirror with provision for Chrome plated over head shower and 115 mm long bend pipe with wall flange Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	4074.00
747	BMW-I.153	Supply and fixing wall mirror with provision for Ivory gold over head shower and 115 mm long bend pipe with wall flange Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	7355.00
748	BMW-I.154	Supply & fixing Chrome plated overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series/ Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1869.00
749	BMW-I.155	Supply & fixing Ivory Gold overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	2878.00
750	BMW-I.156	Supply and Fixing Ivory gold colour Wall Mixer with Telephonic shower arrangement with crutch and flexible pipe Jaquar series for bath tub / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	11392.00
751	BMW-I.157	Supply & fixing Bath tub overflow set complete with over flow cap, 450 mm Ball chain with rubber plug & union bend with brass nut Jaquar make, Ivory gold colour. / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1309.00
752	BMW-I.158	Supply & fixing sink cock with regular swinging spout with wall flange chromeplated Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1967.00
753	BMW-I.159	Supply & fixing Chrome plated soap dish Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1234.00
754	BMW-I.160	Supply & fixing Ivory Gold soap dish Jaquar make queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1988.00
755	BMW-I.161	Supply & fixing of Chrome plated toilet paper holder Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1040.00
756	BMW-I.162	Supply & fixing of Ivory Gold toilet paper holder Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1817.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
757	BMW-I.163	Supply & Fixing of Chrome plated Towel ring Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	972.00
758	BMW-I.164	Supply & Fixing of Ivory Gold Towel ring Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1659.00
759	BMW-I.165	Supply & Fixing of Chrome plated towel coat hook Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	711.00
760	BMW-I.166	Supply & Fixing of Ivory Gold towel coat hook Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1458.00
761	BMW-I.167	Supply & Fixing of Ivory gold colour Towel rod 24 " Jaquar make Queen series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	2565.00
762	BMW-I.168	Supply & Fixing of Ivory gold colour Tumbler holder Jaquar make Queen series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1802.00
763	BMW-I.169	Supply & fixing of Ivory gold colour Glass shelf 22" Jaquar make Queen series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	3558.00
764	BMW-I.170	Supply & Fixing of Chrome Finish Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	2527.00
765	BMW-I.171	Supply & Fixing of Chrome Finish Bibcock Jaquar Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	741.00
766	BMW-I.172	Supply & Fixing of Chrome Finish Pillar cock Jaquar Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	920.00
767	BMW-I.173	Supply & Fixing of Chrome finish Angular stopcock with wall flange Jaquar Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	726.00
768	BMW-I.174	Supply fixing of Chrome finish Waste coupling Jaquar make, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	322.00
769	BMW-I.175	Supply & Fixing of Chrome finish Bottle Trap Jaquar make, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1420.00
770	BMW-I.176	Supply & Fixing of Chrome Finish / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty copper pipe 450mm long with nuts & washers Jaquar make,	Each	322.00
771	BMW-I.177	Supply & Fixing of Chrome finish Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	3252.00
772	BMW-I.178	Supply & Fixing of Chrome finish Exclusive overhead shower with 190mm long light body shower arm Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1495.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
773	BMW-I.179	Supply & Fixing Chrome colour wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Jaquar make Continental series for bath tub / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	4590.00
774	BMW-I.180	Supply & Fixing Chrome colour bath tub over flow set complete with over flow cap, 450mm ball chain with rubber plug 7 Union bend with brass nuts Jaquar make, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	942.00
775	BMW-I.181	Supply & Fixing chrome plated Sink cock with regular swinging spout with flange Jaquar make Continental series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1309.00
776	BMW-I.182	Supply & Fixing Chrome Finish soap dish Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1010.00
777	BMW-I.183	Supply & Fixing of Chrome finish Toilet paper holder Jaquar make Continental series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	741.00
778	BMW-I.184	Supply & Fixing of Chrome finish Towel Ring Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	852.00
779	BMW-I.185	Supply & Fixing Chrome finish Double coat hook Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	636.00
780	BMW-I.186	Supply & Fixing of Chrome finish towel rail 24" Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1375.00
781	BMW-I.187	Supply & Fixing of Chrome finish Tumbler holder Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	927.00
782	BMW-I.188	Supply & Fixing of Chrome finish Glass shelf 22" Jaquar make Continental series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1824.00
783	BMW-I.189	Supply & Fixing of Chrome Finish Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Florentine(Quarter turn) series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	3163.00
784	BMW-I.190	Supply & Fixing of Chrome Finish Bibcock Jaquar Florentine (Quarter turn)series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1010.00
785	BMW-I.191	Supply & Fixing of Chrome Finish Pillar cock Jaquar Florentine(Quarter turn) series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1010.00
786	BMW-I.192	Supply & Fixing of Chrome finish Angular stopcock with wall flange Jaquar Florentine(Quarter turn)series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	972.00
787	BMW-I.193	Supply & Fixing of Chrome finish Bottle Trap Jaquar make, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1420.00
788	BMW-I.194	Supply & Fixing of Chrome finish Wall Mixer with provision for overhead shower and 115mm long bend	Each	3775.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		pipe with wall flange Jaquar make Florentine(Quarter turn) series, / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty		
789	BMW-I.195	Supply & Fixing Chrome colour wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Jaquar make Florentine(Quarter turn) series for bath tub / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	5868.00
790	BMW-I.196	Supply & Fixing chrome plated Sink cock with regular swinging spout with flange Jaquar make Florentine(Quarter turn) series / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1563.00
791	BMW-I.197	Supply & Fixing of Rose shower with revolving ball joint & 115mm long shower arm / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1794.00
792	BMW-I.198	Supply & Fixing chrome plated Metro pole flush valve concealed type with cover plate 40mm size of Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	3140.00
793	BMW-I.199	Supply & Fixing Chrome plated Sensotronic sensor faucet for wash basin of Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	12334.00
794	BMW-I.200	Supply & fixing Chrome plated Sensotronic concealed type flushing valve for urinal complete set with installation box with control cock of Jaquar make/ Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	12334.00
795	BMW-I.201	Supply & fixing Chrome plated Auto closing system pillar cock for wash basin of Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1944.00
796	BMW-I.202	Supply& Fixing Chrome plated Auto Closing system Bibcock of Jaquar make / Jupiter Aqua Lines-JAL-make Nira or equivalent series with 7 years warranty	Each	1944.00
797	BMW-I.203	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 16 mm OD pipe	1 RM	134.00
798	BMW-I.204	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 20 mm OD pipe	1 RM	165.00
799	BMW-I.205	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold	1 RM	207.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2010-11
		water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 25mm OD pipe		
800	BMW-I.206	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 32 mm OD pipe	1 RM	278.00
801	BMW-I.207	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 40 mm OD pipe	1 RM	365.00
802	BMW-I.208	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : 50 mm OD pipe	1 RM	465.00
803	BMW-I.209	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 16 mm OD pipe	1 RM	193.00
804	BMW-I.210	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 20 mm OD pipe	1 RM	231.00
805	BMW-I.211	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-	1 RM	285.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 25mm OD pipe		
806	BMW-I.212	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 32 mm OD pipe	1 RM	376.00
807	BMW-I.213	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 40 mm OD pipe	1 RM	488.00
808	BMW-I.214	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc 50 mm OD pipe	1 RM	616.00
809	BMW-I.215	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 16 mm OD pipe	1 RM	157.00
810	BMW-I.216	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass	1 RM	186.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 20 mm OD pipe		
811	BMW-I.217	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 25mm OD pipe	1 RM	226.00
812	BMW-I.218	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 32 mm OD pipe	1 RM	293.00
813	BMW-I.219	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc 40 mm OD pipe	1 RM	375.00
		Supply and Fixing of CPVC Pipes and Fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" ton 2" SDR 11 and SDR 13.5 pipes are made from identical CPVC compounds having the same physical Properties for Hot and Cold Water (IS 15778:2007) of Ashirvad / Ajay Flowguard		
814	BMW-I.220	15.90mm OD Pipe - SDR 13.5	1 RM	120.00
815	BMW-I.221	22.20mm OD Pipe - SDR 13.5	1 RM	135.00
816	BMW-I.222	28.60mm OD Pipe - SDR 13.5	1 RM	180.00
817	BMW-I.223	34.90mm OD Pipe - SDR 13.5	1 RM	245.00
818	BMW-I.224	41.30mm OD Pipe - SDR 13.5	1 RM	305.00
819	BMW-I.225	54.00mm OD Pipe - SDR 13.5	1 RM	445.00
820	BMW-I.226	15.90mm OD Pipe - SDR 11	1 RM	133.00
821	BMW-I.227	22.20mm OD Pipe - SDR 11	1 RM	160.00
822	BMW-I.228	28.60mm OD Pipe - SDR 11	1 RM	193.00
823	BMW-I.229	34.90mm OD Pipe - SDR 11	1 RM	263.00
824	BMW-I.230	41.30mm OD Pipe - SDR 11	1 RM	325.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
825	BMW-I.231	54.00mm OD Pipe - SDR 11	1 RM	475.00
826	BMW-I.232	Supply of 20mm x 1.9mm PN 10/PPR pipe conforming to DIN Standards 8077/8078	1 RM	41.00
827	BMW-I.233	Supply of 25mm x 2.3mm PN 10/PPR pipe conforming to DIN Standards 8077/8078	1 RM	62.00
828	BMW-I.234	Supply of 32mm x 2.9mm PN 10/PPR pipe conforming to DIN Standards 8077/8079	1 RM	97.00
829	BMW-I.235	Supply of 40mm x 3.7mm PN 10/PPR pipe conforming to DIN Standards 8077/8079	1 RM	153.00
830	BMW-I.236	Supply of 50mm x 4.6mm PN 10/PPR pipe conforming to DIN Standards 8077/8080	1 RM	273.00
831	BMW-I.237	Supply of 63mm x 5.8mm PN 10/PPR pipe conforming to DIN Standards 8077/8081	1 RM	428.00
832	BMW-I.238	Supply of 75mm x 6.8mm PN 10/PPR pipe conforming to DIN Standards 8077/8082	1 RM	595.00
833	BMW-I.239	Supply of 90mm x 8.2mm PN 10/PPR pipe conforming to DIN Standards 8077/8083	1 RM	817.00
834	BMW-I.240	Supply of 110mm x 10mm PN 10/PPR pipe conforming to DIN Standards 8077/8084	1 RM	1211.00
835	BMW-I.241	Supply of 20mm x 2.8mm PN 16/PPR pipe conforming to DIN Standards 8077/8078	1 RM	56.00
836	BMW-I.242	Supply of 25mm x 3.5mm PN 16/PPR pipe conforming to DIN Standards 8077/8078	1 RM	86.00
837	BMW-I.243	Supply of 32mm x 4.4mm PN 16/PPR pipe conforming to DIN Standards 8077/8079	1 RM	138.00
838	BMW-I.244	Supply of 40mm x 5.5mm PN 16/PPR pipe conforming to DIN Standards 8077/8079	1 RM	213.00
839	BMW-I.245	Supply of 50mm x 6.9mm PN 16/PPR pipe conforming to DIN Standards 8077/8080	1 RM	381.00
840	BMW-I.246	Supply of 63mm x 8.6mm PN 16/PPR pipe conforming to DIN Standards 8077/8081	1 RM	600.00
841	BMW-I.247	Supply of 75mm x 10.3mm PN 16/PPR pipe conforming to DIN Standards 8077/8082	1 RM	848.00
842	BMW-I.248	Supply of 90mm x 12.3mm PN 16/PPR pipe conforming to DIN Standards 8077/8083	1 RM	1209.00
843	BMW-I.249	Supply of 110mm x 15.1mm PN 16/PPR pipe conforming to DIN Standards 8077/8084	1 RM	1811.00
844	BMW-I.250	Supply of 20mm x 3.4mm PN 20/PPR pipe conforming to DIN Standards 8077/8078	1 RM	65.00
845	BMW-I.251	Supply of 25mm x 4.2mm PN 20/PPR pipe conforming to DIN Standards 8077/8078	1 RM	100.00
846	BMW-I.252	Supply of 32mm x 5.4mm PN 20/PPR pipe conforming to DIN Standards 8077/8079	1 RM	161.00
847	BMW-I.253	Supply of 40mm x 6.7mm PN 20/PPR pipe conforming to DIN Standards 8077/8079	1 RM	248.00
848	BMW-I.254	Supply of 50mm x 8.3mm PN 20/PPR pipe conforming to DIN Standards 8077/8080	1 RM	441.00
849	BMW-I.255	Supply of 63mm x 10.5mm PN 20/PPR pipe conforming to DIN Standards 8077/8081	1 RM	695.00
850	BMW-I.256	Supply of 75mm x 12.5mm PN 20/PPR pipe conforming to DIN Standards 8077/8082	1 RM	986.00
851	BMW-I.257	Supply of 90mm x 15mm PN 20/PPR pipe conforming to DIN Standards 8077/8083	1 RM	1340.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
852	BMW-I.258	Supply of 110mm x 18.3mm PN 20/PPR pipe conforming to DIN Standards 8077/8084	1 RM	2111.00
853	BMW-I.259	Supply of 20mm PPR Socket conforming to DIN Standards 8077/8084	1 RM	9.00
854	BMW-I.260	Supply of 25mm PPR Socket conforming to DIN Standards 8077/8085	1 RM	13.00
855	BMW-I.261	Supply of 32mm PPR Socket conforming to DIN Standards 8077/8086	1 RM	18.00
856	BMW-I.262	Supply of 40mm PPR Socket conforming to DIN Standards 8077/8087	1 RM	31.00
857	BMW-I.263	Supply of 50mm PPR Socket conforming to DIN Standards 8077/8088	1 RM	59.00
858	BMW-I.264	Supply of 63mm PPR Socket conforming to DIN Standards 8077/8089	1 RM	114.00
859	BMW-I.265	Supply of 75mm PPR Socket conforming to DIN Standards 8077/8090	1 RM	173.00
860	BMW-I.266	Supply of 90mm PPR Socket conforming to DIN Standards 8077/8091	1 RM	332.00
861	BMW-I.267	Supply of 110mm PPR Socket conforming to DIN Standards 8077/8092	1 RM	591.00
862	BMW-I.268	Supply of 32mm PPR Core Flange conforming to DIN Standards 8077/8086	Each	35.00
863	BMW-I.269	Supply of 40mm PPR Core Flange conforming to DIN Standards 8077/8087	Each	57.00
864	BMW-I.270	Supply of 50mm PPR Core Flange conforming to DIN Standards 8077/8088	Each	74.00
865	BMW-I.271	Supply of 63mm PPR Core Flange conforming to DIN Standards 8077/8089	Each	117.00
866	BMW-I.272	Supply of 75mm PPR Core Flange conforming to DIN Standards 8077/8090	Each	136.00
867	BMW-I.273	Supply of 90mm PPR Core Flange conforming to DIN Standards 8077/8091	Each	349.00
868	BMW-I.274	Supply of 110mm PPR Core Flange conforming to DIN Standards 8077/8092	Each	451.00
869	BMW-I.275	Supply of 20mm PPR Elbow conforming to DIN Standards 8077/8084	Each	15.00
870	BMW-I.276	Supply of 25mm PPR Elbow conforming to DIN Standards 8077/8085	Each	19.00
871	BMW-I.277	Supply of 32mm PPR Elbow conforming to DIN Standards 8077/8086	Each	36.00
872	BMW-I.278	Supply of 40mm PPR Elbow conforming to DIN Standards 8077/8087	Each	64.00
873	BMW-I.279	Supply of 50mm PPR Elbow conforming to DIN Standards 8077/8088	Each	119.00
874	BMW-I.280	Supply of 63mm PPR Elbow conforming to DIN Standards 8077/8089	Each	233.00
875	BMW-I.281	Supply of 75mm PPR Elbow conforming to DIN Standards 8077/8090	Each	376.00
876	BMW-I.282	Supply of 90mm PPR Elbow conforming to DIN Standards 8077/8091	Each	699.00
877	BMW-I.283	Supply of 110mm PPR Elbow conforming to DIN Standards 8077/8092	Each	1298.00
878	BMW-I.284	Supply of 20mm PPR Tee conforming to DIN Standards	Each	14.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		8077/8084		
879	BMW-I.285	Supply of 25mm PPR Tee conforming to DIN Standards 8077/8085	Each	24.00
880	BMW-I.286	Supply of 32mm PPR Tee conforming to DIN Standards 8077/8086	Each	44.00
881	BMW-I.287	Supply of 40mm PPR Tee conforming to DIN Standards 8077/8087	Each	76.00
882	BMW-I.288	Supply of 50mm PPR Tee conforming to DIN Standards 8077/8088	Each	135.00
883	BMW-I.289	Supply of 63mm PPR Tee conforming to DIN Standards 8077/8089	Each	275.00
884	BMW-I.290	Supply of 75mm PPR Tee conforming to DIN Standards 8077/8090	Each	540.00
885	BMW-I.291	Supply of 90mm PPR Tee conforming to DIN Standards 8077/8091	Each	783.00
886	BMW-I.292	Supply of 110mm PPR Tee conforming to DIN Standards 8077/8092	Each	1356.00
887	BMW-I.293	Supply of 20mm PPR End Cap conforming to DIN Standards 8077/8084	Each	6.00
888	BMW-I.294	Supply of 25mm PPR End Cap conforming to DIN Standards 8077/8085	Each	9.00
889	BMW-I.295	Supply of 32mm PPR End Cap conforming to DIN Standards 8077/8086	Each	18.00
890	BMW-I.296	Supply of 40mm PPR End Cap conforming to DIN Standards 8077/8087	Each	31.00
891	BMW-I.297	Supply of 50mm PPR End Cap conforming to DIN Standards 8077/8088	Each	54.00
892	BMW-I.298	Supply of 63mm PPR End Cap conforming to DIN Standards 8077/8089	Each	114.00
893	BMW-I.299	Supply of 75mm PPR End Cap conforming to DIN Standards 8077/8090	Each	191.00
894	BMW-I.300	Supply of 90mm PPR End Cap conforming to DIN Standards 8077/8091	Each	304.00
895	BMW-I.301	Supply of 110mm PPR End Cap conforming to DIN Standards 8077/8092	Each	601.00
896	BMW-I.302	Supply of 25mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	11.00
897	BMW-I.303	Supply of 32mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	19.00
898	BMW-I.304	Supply of 32mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	18.00
899	BMW-I.305	Supply of 40mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	32.00
900	BMW-I.306	Supply of 40mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	31.00
901	BMW-I.307	Supply of 40mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	30.00
902	BMW-I.308	Supply of 50mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	45.00
903	BMW-I.309	Supply of 50mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	46.00
904	BMW-I.310	Supply of 50mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	47.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
905	BMW-I.311	Supply of 50mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	48.00
906	BMW-I.312	Supply of 63mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	105.00
907	BMW-I.313	Supply of 63mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	105.00
908	BMW-I.314	Supply of 63mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	106.00
909	BMW-I.315	Supply of 63mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	107.00
910	BMW-I.316	Supply of 63mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	108.00
911	BMW-I.317	Supply of 75mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	156.00
912	BMW-I.318	Supply of 75mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	157.00
913	BMW-I.319	Supply of 75mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	199.00
914	BMW-I.320	Supply of 90mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	381.00
915	BMW-I.321	Supply of 90mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	404.00
916	BMW-I.322	Supply of 110mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	509.00
917	BMW-I.323	Supply of 110mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	593.00
918	BMW-I.324	Supply of 110mm x 90mm PPR Reducer conforming to DIN Standards 8077/8092	Each	639.00
919	BMW-I.325	Supply of 25mm x 20mm x 25mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	30.00
920	BMW-I.326	Supply of 32mm x 25mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	52.00
921	BMW-I.327	Supply of 32mm x 20mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	53.00
922	BMW-I.328	Supply of 40mm x 20mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	85.00
923	BMW-I.329	Supply of 40mm x 25mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	87.00
924	BMW-I.330	Supply of 40mm x 32mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	89.00
925	BMW-I.331	Supply of 50mm x 20mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	124.00
926	BMW-I.332	Supply of 50mm x 25mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	125.00
927	BMW-I.333	Supply of 50mm x 32mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	129.00
928	BMW-I.334	Supply of 50mm x 40mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	130.00
929	BMW-I.335	Supply of 63mm x 20mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	359.00
930	BMW-I.336	Supply of 63mm x 25mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	361.00
931	BMW-I.337	Supply of 63mm x 32mm x 63mm PPR Reducer Tee	Each	365.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		conforming to DIN Standards 8077/8092		
932	BMW-I.338	Supply of 63mm x 40mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	372.00
933	BMW-I.339	Supply of 63mm x 50mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	377.00
934	BMW-I.340	Supply of 75mm x 50mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	507.00
935	BMW-I.341	Supply of 75mm x 63mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	515.00
936	BMW-I.342	Supply of 90mm x 50mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	684.00
937	BMW-I.343	Supply of 90mm x 63mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	725.00
938	BMW-I.344	Supply of 110mm x 75mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1238.00
939	BMW-I.345	Supply of 110mm x 90mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1287.00
940	BMW-I.346	Supply of 20mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	95.00
941	BMW-I.347	Supply of 25mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	97.00
942	BMW-I.348	Supply of 25mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	171.00
943	BMW-I.349	Supply of 32mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	174.00
944	BMW-I.350	Supply of 32mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	180.00
945	BMW-I.351	Supply of 32mm x 1" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	277.00
946	BMW-I.352	Supply of 40mm x 1¼" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	411.00
947	BMW-I.353	Supply of 50mm x 1½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	574.00
948	BMW-I.354	Supply of 63mm x 2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	763.00
949	BMW-I.355	Supply of 75mm x 2½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1471.00
950	BMW-I.356	Supply of 20mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	147.00
951	BMW-I.357	Supply of 25mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	153.00
952	BMW-I.358	Supply of 25mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	223.00
953	BMW-I.359	Supply of 32mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	233.00
954	BMW-I.360	Supply of 32mm x 1" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	432.00
955	BMW-I.361	Supply of 40mm x 1¼" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	506.00
956	BMW-I.362	Supply of 50mm x 1½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	708.00
957	BMW-I.363	Supply of 63mm x 2" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1089.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
958	BMW-I.364	Supply of 75mm x 2½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1742.00
959	BMW-I.365	Supply of 20mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	102.00
960	BMW-I.366	Supply of 25mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	106.00
961	BMW-I.367	Supply of 25mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	164.00
962	BMW-I.368	Supply of 32mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	157.00
963	BMW-I.369	Supply of 32mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	184.00
964	BMW-I.370	Supply of 32mm x 1" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	307.00
965	BMW-I.371	Supply of 20mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	153.00
966	BMW-I.372	Supply of 25mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	167.00
967	BMW-I.373	Supply of 25mm x ¾" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	222.00
968	BMW-I.374	Supply of 32mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	213.00
969	BMW-I.375	Supply of 32mm x 1" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	459.00
970	BMW-I.376	Supply of 20mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	98.00
971	BMW-I.377	Supply of 25mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	108.00
972	BMW-I.378	Supply of 25mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	180.00
973	BMW-I.379	Supply of 32mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	189.00
974	BMW-I.380	Supply of 32mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	213.00
975	BMW-I.381	Supply of 32mm x 1" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	299.00
976	BMW-I.382	Supply of 20mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	154.00
977	BMW-I.383	Supply of 25mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	164.00
978	BMW-I.384	Supply of 25mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	235.00
979	BMW-I.385	Supply of 32mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	240.00
980	BMW-I.386	Supply of 32mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	254.00
981	BMW-I.387	Supply of 32mm x 1" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	468.00
982	BMW-I.388	Supply of 20mm x ½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	395.00
983	BMW-I.389	Supply of 25mm x ¾" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	593.00
984	BMW-I.390	Supply of 32mm x 1" PPR Female Threaded Union	Each	791.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		conforming to DIN Standards 8077/8092		
985	BMW-I.391	Supply of 40mm x 1¼" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1108.00
986	BMW-I.392	Supply of 50mm x 1½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1782.00
987	BMW-I.393	Supply of 63mm x 2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	2830.00
988	BMW-I.394	Supply of 20mm x ½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	454.00
989	BMW-I.395	Supply of 25mm x ¾" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	603.00
990	BMW-I.396	Supply of 32mm x 1" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	791.00
991	BMW-I.397	Supply of 40mm x 1¼" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	989.00
992	BMW-I.398	Supply of 50mm x 1½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	1880.00
993	BMW-I.399	Supply of 63mm x 2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	3167.00
994	BMW-I.400	Supply of 20mm PPR Union conforming to DIN Standards 8077/8092	Each	86.00
995	BMW-I.401	Supply of 25mm PPR Union conforming to DIN Standards 8077/8092	Each	101.00
996	BMW-I.402	Supply of 32mm PPR Union conforming to DIN Standards 8077/8092	Each	166.00
997	BMW-I.403	Supply of 20mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	158.00
998	BMW-I.404	Supply of 25mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	208.00
999	BMW-I.405	Supply of 32mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	218.00
1000	BMW-I.406	Supply of 40mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	446.00
1001	BMW-I.407	Supply of 50mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	520.00
1002	BMW-I.408	Supply of 63mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	842.00
1003	BMW-I.409	Supply of 75mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	1386.00
1004	BMW-I.410	Supply of 90mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	1980.00
1005	BMW-I.411	Supply of 20mm PPR Clamp conforming to DIN Standards 8077/8092	Each	9.00
1006	BMW-I.412	Supply of 25mm PPR Clamp conforming to DIN Standards 8077/8092	Each	12.00
1007	BMW-I.413	Supply of 32mm PPR Clamp conforming to DIN Standards 8077/8092	Each	14.00
1008	BMW-I.414	Supply of 40mm PPR Clamp conforming to DIN Standards 8077/8092	Each	15.00
1009	BMW-I.415	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc	1 RM	20.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 20010-11
		with welding the joint as per standard practice - up to 40 mm dia		
1010	BMW-I.416	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - above 40 mm dia	1 RM	35.00
NOTE				
1	All the items to be used on work are of first quality & ISI and as approved by the Engineer In charge of the work.			
2	Rates given above are:			
	a) Rate for finished item of work			
	b) Labour charges only			
3	RATES			
	a) Supply Rates for all the materials are based on market rates plus Sales Tax/ Material VAT.			
	b) Works Contract VAT for General/ Composition Scheme on finished items may be allowed as applicable.			
4	LABOUR Labour charges are increased based on proposals and market rates			
5	Coloured porcelain items: 50% extra may be allowed on basic cost of white porcelain items excluding fittings			
6	SOR Rates for Sanitary & water supply items are purely for guidance for the officers for preparation of estimates vide Para 113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in Para 45 of APPWD code.			
LEGEND				
"BMW" -X.XX	"BMW" for Water Supply & Sanitary items			
XXX-"A".XX	"A" for Name of the Section			
XXX-X."01"	"01" for Serial Number of the Item			

ELECTRICAL ITEMS

ELECTRICAL ITEMS

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PREAMBLE TO ELECTRICAL SOR 2010-11.

1. The area allowances in case of Corporation, Municipalities, Jail Compounds, Agency & Tribal areas and Industrial areas have to be followed as per prevailing Common SOR.
2. As per the rule 45 under Indian Electricity Rules the Electrical contractor is solely responsible for both quality and quantity. Proposing specific make in the estimate from the SOR is within the scope of concerned field officers based on the necessity and availability of materials in such areas.
3. In case of stair case point wiring where two way switch control is necessary, an extra at 50 % excess over each point shall be allowed.
4. Where ever the light/fan point is provided at height/length of 15 feet and above, then an extra of 50% over the point rates shall be allowed.
5. The rates for common civil items including labour rates have to adopt from prevailing civil SOR.
6. The rates for all types of lighting fixtures proposed are inclusive of all taxes such as Sales Tax, Excise duty etc., but without cost of tubes and bulbs .
7. The Government instructions for usage of energy efficient luminaries have to invariably follow while proposing luminaries in the estimates.
8. The rates for items such as Lifts, Transformers, Generators, Refrigerators / A.C. plants / Water coolers etc., have to be invariably followed based on the prevailing market rates, since the rates and specification varies from manufacturer to manufacturer considerably. Hence, rates for these items are not incorporated in the schedule. However, relevant data without rates is provided in the standard schedule data for electrical works.
9. The rates for steel items such as M.S. poles, M.S. iron, G.I. pipes and its accessories shall be as per the rates approved by the Government/Steel India authority/ Prevailing SOR for Buildings List price from reputed firms etc., from time to time.
10. In case of any addition to the proposed SOR, the approval has to be obtained from the Chief Engineer (R&B) Buildings through the Superintending Engineer (R&B) Electrical circle. Temporary approvals which are under relevant specifications of the BIS/ISO/ISI can be given by the Superintending Engineer (R&B) Electrical/Executive Engineer (R&B) Electrical.
11. The Superintending Engineer (R&B) Electrical will review the performance over the quality of the makes proposed in the SOR from time to time and in case any inferior quality observed the same shall be brought to the notice of the Chief Engineer (R&B) Buildings to consider for deletion from the list.
12. The schedule of rates is only for guidance of officers for preparation of estimates as per the Para 113 of APPWD code. The authority that sanctioned the estimate is however responsible for adopting the proper rates in the estimates as envisaged in para 45 of APPWD code.

SECTION NO.1

This section contains basic requirements for M.S./PVC conduit and its accessories as well as switches and its accessories. Except mini modular switches and accessories, all the items in this section are increased within 3%. The cost of the cover frames for mini modular switches was not included in previous SOR. Now it is rectified. In view of fire accidents took place in the A.P.Secretariat and high Court buildings, EBXL flexible copper cables are incorporated in the draft SOR 2010 - 11.

SECTION NO.2

This section contains the switch gear such as panel mounting switch disconnecter fuse units, Changeover Switches, Fuses, MCBs and DBs etc. Except panel mounting switches and rewirable fuse units, all the rates are increased due to tax variation. The cost for panel mounting switches and rewirable switch are increased and the rates are finalized based on the price list of reputed MNC companies.

SECTION NO.3

This section contains the luminaires and lamps such as internal and external fixtures including CFL and LED luminaires with lamps and accessories. The rates are finalized based on price lists of various firms. The Rates for Post Top Lantern are decreased by 11.98% less, on SOR 2009-10.

SECTION NO.4

This chapter consists of LT and H.T. alluminium cables including accessories like Glands, Alluminium / Copper lugs including cable end terminations. The rates for UG cables are increased by 6% over the existing rates in SOR 2009-2010.

SECTION NO.5

This section contains the ceiling Fans, Exhaust Fans, Water heaters, Star rated AC Units and Motors including accessories. The rates for water heaters are decreased by 0.72%.

SECTION NO.6

This section contains swaged / Octogonal / Conical Poles including High Mast. All the items of Poles proposed in previous SOR are reviewed and updated. The over all rates are decreased by 11.30% on the SOR 2009-2010.

SECTION NO.7

This section contains Networking wires, switches and its accessories. There is no change or increase of rates.

SECTION NO.8

This section contains miscellaneous items. There is no change or increase of rates. In this chapter certain items such as clamps for fixing of cables on walls etc are proposed in the draft SOR 2010-11.

SECTION NO.9

This section contains FIRE Alarm system, detection and extinguishers which are newly proposed in this SOR so as to meet the minimum requirement in multi storied buildings.

SECTION NO.10

In the SOR 2001-2011 the GENERATOR section was incorporated but in subsequent SOR this item was deleted. However again included in this SOR so as to avoid discrepancy in proposing the specification and rates.

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
1	2	3	4		5
		SECTION - 1			
	1.1	M.S. CONDUIT PIPES			
1	ELEC-1.1.1	Supply of ISI, 20mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	60.00
2	ELEC-1.1.2	Supply of ISI, 25mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	70.00
3	ELEC-1.1.3	Supply of ISI, 32mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	105.00
4	ELEC-1.1.4	Supply of ISI, 38mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	106.00
5	ELEC-1.1.5	Supply of ISI, 50mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	150.00
6	ELEC-1.1.6	Supply of 19 / 20 mm MS Junction box normal range big size long neck.	1	No	20.00
7	ELEC-1.1.7	Supply of 25 mm MS Junction box normal range big size long neck.	1	No	20.00
8	ELEC-1.1.8	Supply of 32 mm MS Junction box normal range big size long neck.	1	No	52.00
9	ELEC-1.1.9	Supply of 40 / 38 mm MS Junction box normal range big size long neck.	1	No	62.00
10	ELEC-1.1.10	Supply of 50 mm MS Junction box normal range big size long neck.	1	No	112.00
11	ELEC-1.1.11	Supply of 25/20mm.MS Junction deep box.	1	No	32.00
12	ELEC-1.1.12	Supply of 32mm.MS Junction deep box.	1	No	75.00
13	ELEC-1.1.13	Supply of 40mm.MS Junction deep box.	1	No	77.00
14	ELEC-1.1.14	Supply of 19/20mm MS Inspection Bends.	1	No	18.00
15	ELEC-1.1.15	Supply of 25mm MS Inspection Bends.	1	No	18.00
16	ELEC-1.1.16	Supply of 32mm MS Inspection Bends.	1	No	46.00
17	ELEC-1.1.17	Supply of 40/38mm MS Inspection Bends.	1	No	56.00
18	ELEC-1.1.18	Supply of 50mm MS Inspection Bends.	1	No	96.00
19	ELEC-1.1.19	Supply of 19/20mm MS Inspection Tee.	1	No	19.00
20	ELEC-1.1.20	Supply of 25mm MS Inspection Tee.	1	No	20.00
21	ELEC-1.1.21	Supply of 32mm MS Inspection Tee.	1	No	52.00
22	ELEC-1.1.22	Supply of 40/38mm MS Inspection Tee.	1	No	62.00
23	ELEC-1.1.23	Supply of 50mm MS Inspection Tee.	1	No	112.00
24	ELEC-1.1.24	Supply of 19/20mm MS Inspection Elbow.	1	No	17.00
25	ELEC-1.1.25	Supply of 25mm MS Inspection Elbow.	1	No	17.00
26	ELEC-1.1.26	Supply of 32mm MS Inspection Elbow.	1	No	44.00
27	ELEC-1.1.27	Supply of 40/38mm MS Inspection Elbow.	1	No	54.00
28	ELEC-1.1.28	Supply of 50mm MS Inspection Elbow.	1	No	90.00
29	ELEC-1.1.29	Supply of MS Inspection 10 Guage G.I. checknut size 19/20mm.	100	Nos	173.00
30	ELEC-1.1.30	Supply of MS Inspection 10 Guage G.I. checknut size 25mm.	100	Nos	215.00
31	ELEC-1.1.31	Supply of MS Inspection 10 Guage G.I. checknut size 32mm.	100	Nos	400.00
32	ELEC-1.1.32	Supply of MS Inspection 10 Guage G.I. checknut size 40/38mm.	100	Nos	540.00
33	ELEC-1.1.33	Supply of MS Inspection 10 Guage G.I. checknut size	100	Nos	1070.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		50mm.			
34	ELEC-1.1.34	Supply of 19/20mm Saddles with Base.	100	Nos	177.00
35	ELEC-1.1.35	Supply of 25mm Saddles with Base.	100	Nos	185.00
36	ELEC-1.1.36	Supply of 32mm Saddles with Base.	100	Nos	305.00
37	ELEC-1.1.37	Supply of 40/38mm Saddles with Base.	100	Nos	325.00
38	ELEC-1.1.38	Supply of 50mm Saddles with Base.	100	Nos	375.00
39	ELEC-1.1.39	Supply of 19/20mm 20 guage Saddles.	100	Nos	95.00
40	ELEC-1.1.40	Supply of 25mm 20 guage Saddles.	100	Nos	125.00
41	ELEC-1.1.41	Supply of 32mm 20 guage Saddles.	100	Nos	205.00
42	ELEC-1.1.42	Supply of 40/38mm 20 guage Saddles.	100	Nos	259.00
43	ELEC-1.1.43	Supply of 50mm 20 guage Saddles.	100	Nos	315.00
44	ELEC-1.1.44	Supply of 19/20mm 16 Guage socket coupler.	12	Nos	48.00
45	ELEC-1.1.45	Supply of 25mm 16 Guage socket coupler.	12	Nos	60.00
46	ELEC-1.1.46	Supply of 32mm 16 Guage socket coupler.	12	Nos	90.00
47	ELEC-1.1.47	Supply of 38mm 16 Guage socket coupler.	12	Nos	108.00
48	ELEC-1.1.48	Supply of 40mm 16 Guage socket coupler.	12	Nos	144.00
49	ELEC-1.1.49	Supply of 50mm 16 Guage socket coupler.	12	Nos	178.00
50	ELEC-1.1.50	Supply of 19mm Ball Socket.	12	Nos	178.00
51	ELEC-1.1.51	Supply of 25mm Ball Socket.	12	Nos	174.00
	1.2	PVC CONDUIT PIPES			
52	ELEC-1.2.1	Supply of ISI 20mm dia 1.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	15.00
53	ELEC-1.2.2	Supply of ISI 20mm dia 2.0mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	19.00
54	ELEC-1.2.3	Supply of ISI 25mm dia 1.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	20.00
55	ELEC-1.2.4	Supply of ISI 25mm dia 2.0mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	25.00
56	ELEC-1.2.5	Supply of ISI 32mm dia 2.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	35.00
57	ELEC-1.2.6	Supply of ISI 40mm dia 2.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	50.00
58	ELEC-1.2.7	Supply of ISI 50mm dia 2.5mm thickness PVC pipe of makes Sudhakar / Maco Plast / Modi.	1	Mtr	64.00
59	ELEC-1.2.8	Supply of Non - ISI 20mm dia 1.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	12.00
60	ELEC-1.2.9	Supply of Non - ISI 20mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	16.00
61	ELEC-1.2.10	Supply of Non - ISI 25mm dia 1.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	16.00
62	ELEC-1.2.11	Supply of Non - ISI 25mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	21.00
63	ELEC-1.2.12	Supply of Non - ISI 32mm dia 2.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	28.00
64	ELEC-1.2.13	Supply of Non - ISI 40mm dia 2.5mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	37.00
65	ELEC-1.2.14	Supply of Non - ISI 50mm dia 2.5mm thickness PVC	1	Mtr	42.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.			
66	ELEC-1.2.15	Supply of ISI 19/20mm width and 12.5mm height Casing and Capping of Modi make.	1	Mtr	20.00
67	ELEC-1.2.16	Supply of ISI 25mm width and 12.5mm height Casing and Capping of Modi make.	1	Mtr	25.00
68	ELEC-1.2.17	Supply of ISI 32mm width and 12.5mm height Casing and Capping of Modi make.	1	Mtr	29.00
69	ELEC-1.2.18	Supply of ISI 38/40mm width and 12.5mm height Casing and Capping of Modi make.	1	Mtr	50.00
70	ELEC-1.2.19	Supply of Non - ISI 19/20mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	1	Mtr	15.00
71	ELEC-1.2.20	Supply of Non - ISI 25mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	1	Mtr	16.00
72	ELEC-1.2.21	Supply of Non - ISI 32mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	1	Mtr	21.00
73	ELEC-1.2.22	Supply of Non - ISI 38/40mm width and 12.5mm height Casing and Capping of Diamond / Durga make.	1	Mtr	31.00
74	ELEC-1.2.23	Supply of 19/20mm PVC Flexible Pipe.	1	Mtr	3.00
75	ELEC-1.2.24	Supply of 25mm PVC Flexible Pipe.	1	Mtr	4.00
76	ELEC-1.2.25	Supply of 32mm PVC Flexible Pipe.	1	Mtr	5.00
77	ELEC-1.2.26	Supply of 40/38mm PVC Flexible Pipe.	1	Mtr	10.00
78	ELEC-1.2.27	Supply of 50mm PVC Flexible Pipe.	1	Mtr	16.00
79	ELEC-1.2.28	Supply of 19/20mm PVC Flexible Couplings.	1	No	9.00
80	ELEC-1.2.29	Supply of 25mm PVC Flexible Couplings.	1	No	11.00
81	ELEC-1.2.30	Supply of 32mm PVC Flexible Couplings.	1	No	23.00
82	ELEC-1.2.31	Supply of 40/38mm PVC Flexible Couplings.	1	No	25.00
83	ELEC-1.2.32	Supply of 50mm PVC Flexible Couplings.	1	No	50.00
84	ELEC-1.2.33	Supply of 19/20mm PVC Junction Boxes Normal.	1	No	13.00
85	ELEC-1.2.34	Supply of 25mm PVC Junction Boxes Normal.	1	No	15.00
86	ELEC-1.2.35	Supply of 32mm PVC Junction Boxes Normal.	1	No	26.00
87	ELEC-1.2.36	Supply of 40/38mm PVC Junction Boxes Normal.	1	No	29.00
88	ELEC-1.2.37	Supply of 50mm PVC Junction Boxes Normal.	1	No	40.00
89	ELEC-1.2.38	Supply of PVC Junction Boxes Deep size 19/20mm.	1	No	17.00
90	ELEC-1.2.39	Supply of PVC Junction Boxes Deep size 25mm.	1	No	20.00
91	ELEC-1.2.40	Supply of PVC Junction Boxes Deep size 32mm.	1	No	31.00
92	ELEC-1.2.41	Supply of PVC Junction Boxes Deep size 40/38mm.	1	No	34.00
93	ELEC-1.2.42	Supply of PVC Junction Boxes Deep size 50mm.	1	No	50.00
94	ELEC-1.2.43	Supply of 19/20mm PVC Bends.	1	No	4.00
95	ELEC-1.2.44	Supply of 25mm PVC Bends.	1	No	5.00
96	ELEC-1.2.45	Supply of 32mm PVC Bends.	1	No	12.00
97	ELEC-1.2.46	Supply of 40/38mm PVC Bends.	1	No	15.00
98	ELEC-1.2.47	Supply of 50mm PVC Bends.	1	No	22.00
99	ELEC-1.2.48	Cover to PVC junction boxes	1	No	4.00
	1.3	HOT DIP GALVANIZED METAL BOXES			
100	ELEC-1.3.1	Supply of Metal Boxes of 1 or 2 Module	1	No	50.00
101	ELEC-1.3.2	Supply of Metal Boxes of 3 Module	1	No	70.00
102	ELEC-1.3.3	Supply of Metal Boxes of 4 Module	1	No	84.00
103	ELEC-1.3.4	Supply of Metal Boxes of 6 Module	1	No	114.00
104	ELEC-1.3.5	Supply of Metal Boxes of 8 or 9 Module Horizontal/Vertical.	1	No	150.00
105	ELEC-1.3.6	Supply of Metal Boxes of 12 Module vertical.	1	No	184.00
	1.4	T.W. BOARDS			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
106	ELEC-1.4.1	Supply of T.W.Board of Size 4" x 4"	1	No	8.00
107	ELEC-1.4.2	Supply of T.W.Board of Size 4" x 7"	1	No	14.00
108	ELEC-1.4.3	Supply of T.W.Board of Size 6" x 6"	1	No	18.00
109	ELEC-1.4.4	Supply of T.W.Board of Size 6" x 8"	1	No	24.00
110	ELEC-1.4.5	Supply of T.W.Board of Size 8" x 10"	1	No	40.00
111	ELEC-1.4.6	Supply of T.W.Board of Size 10" x 12"	1	No	60.00
112	ELEC-1.4.7	Supply of T.W.Board of Size 12" x 15"	1	No	90.00
113	ELEC-1.4.8	Supply of T.W.Deep Box of Size 4" x 4"	1	No	8.00
114	ELEC-1.4.9	Supply of T.W.Deep Box of Size 4" x 7"	1	No	14.00
115	ELEC-1.4.10	Supply of T.W.Deep Box of Size 6" x 6"	1	No	18.00
116	ELEC-1.4.11	Supply of T.W.Deep Box of Size 6" x 8"	1	No	24.00
117	ELEC-1.4.12	Supply of T.W.Deep Box of Size 8" x 10"	1	No	40.00
118	ELEC-1.4.13	Supply of T.W.Deep Box of Size 10" x 12"	1	No	60.00
119	ELEC-1.4.14	Supply of T.W.Deep Box of Size 12" x 15"	1	No	90.00
120	ELEC-1.4.15	Supply of 3 mm thick hylam sheet of Size 4" x 4"	1	No	8.00
121	ELEC-1.4.16	Supply of 3 mm thick hylam sheet of Size 4" x 7"	1	No	14.00
122	ELEC-1.4.17	Supply of 3 mm thick hylam sheet of Size 6" x 6"	1	No	18.00
123	ELEC-1.4.18	Supply of 3 mm thick hylam sheet of Size 6" x 8"	1	No	24.00
124	ELEC-1.4.19	Supply of 3 mm thick hylam sheet of Size 8" x 10"	1	No	40.00
125	ELEC-1.4.20	Supply of 3 mm thick hylam sheet of Size 10" x 12"	1	No	60.00
126	ELEC-1.4.21	Supply of 3 mm thick hylam sheet of Size 12" x 15"	1	No	90.00
127	ELEC-1.4.22	Supply of Sunglass Delux Board of Size 4" x 4"	1	No	12.00
128	ELEC-1.4.23	Supply of Sunglass Delux Board of Size 4" x 7"	1	No	21.00
129	ELEC-1.4.24	Supply of Sunglass Delux Board of Size 6" x 6"	1	No	27.00
130	ELEC-1.4.25	Supply of Sunglass Delux Board of Size 6" x 8"	1	No	36.00
131	ELEC-1.4.26	Supply of Sunglass Delux Board of Size 8" x 10"	1	No	60.00
132	ELEC-1.4.27	Supply of Sunglass Delux Board of Size 10" x 12"	1	No	90.00
133	ELEC-1.4.28	Supply of Sunglass Delux Board of Size 12" x 15"	1	No	135.00
134	ELEC-1.4.29	Supply of Peeta Board of Size 9" x 14"	1	No	44.00
135	ELEC-1.4.30	Supply of Peeta Board of Size 12" x 10"	1	No	42.00
136	ELEC-1.4.31	Supply of Peeta Board of Size 15" x 20"	1	No	150.00
137	ELEC-1.4.32	Supply of Peeta Board of Size 18" x 24"	1	No	216.00
138	ELEC-1.4.33	Supply of Peeta Board of Size 18" x 30"	1	No	270.00
139	ELEC-1.4.34	Supply of No.8 Screws of 12mm.	100	Nos	50.00
140	ELEC-1.4.35	Supply of No.8 Screws of 25mm.	100	Nos	60.00
141	ELEC-1.4.36	Supply of No.8 Screws of 30mm.	100	Nos	75.00
142	ELEC-1.4.37	Supply of No.8 Screws of 35/38mm.	100	Nos	80.00
143	ELEC-1.4.38	Supply of No.8 Screws of 50mm.	100	Nos	90.00
144	ELEC-1.4.39	Supply of No.8 Screws of 63/75mm.	100	Nos	110.00
	1.5	COPPER FLEXIBLE CABLES (AS PER IS:694)			
145	ELEC-1.5.1	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	910.00
146	ELEC-1.5.2	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	1346.00
147	ELEC-1.5.3	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	2172.00
148	ELEC-1.5.4	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	3162.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
149	ELEC-1.5.5	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	4810.00
150	ELEC-1.5.6	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	7476.00
151	ELEC-1.5.7	Supply of 126/0.4mm (16.0 Sqmm) FRLS / HFFR / EBXL PVC insulated ISI Copper cable of makes Finolex / RR kabel / Fortune Art EBXL.	100	Mtrs	11950.00
152	ELEC-1.5.8	Supply of 14/0.3mm (1.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton.	100	Mtrs	800.00
153	ELEC-1.5.9	Supply of 22/0.3mm (1.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	100	Mtrs	1175.00
154	ELEC-1.5.10	Supply of 36/0.3mm (2.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	100	Mtrs	1900.00
155	ELEC-1.5.11	Supply of 56/0.3mm (4.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	100	Mtrs	2800.00
156	ELEC-1.5.12	Supply of 84/0.3mm (6.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	100	Mtrs	4400.00
157	ELEC-1.5.13	Supply of 140/0.3mm (10.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	100	Mtrs	6800.00
158	ELEC-1.5.14	Supply of 126/0.4mm (16.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes GM / L&T / RPG / Havells / V-Guard / Power Flex / Polycab / Gold Medal / Standard / Milion / Vimal / Sun cab / Paragaon / Delton..	100	Mtrs	11200.00
159	ELEC-1.5.15	Supply of 14/0.3mm (1.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	100	Mtrs	690.00
160	ELEC-1.5.16	Supply of 22/0.3mm (1.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	100	Mtrs	995.00
161	ELEC-1.5.17	Supply of 36/0.3mm (2.5 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star /	100	Mtrs	1607.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.			
162	ELEC-1.5.18	Supply of 56/0.3mm (4.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	100	Mtrs	2340.00
163	ELEC-1.5.19	Supply of 84/0.3mm (6.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec / Gemscab.	100	Mtrs	3610.00
164	ELEC-1.5.20	Supply of 140/0.3mm (10.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec.	100	Mtrs	5720.00
165	ELEC-1.5.21	Supply of 126/0.4mm (16.0 Sqmm) FR / FRLS PVC insulated ISI Copper cable of makes Pawancab / Star / Milltec / Fine Cab / Payal / Sunlight / Bentec.	100	Mtrs	8800.00
	1.6	SERVICE MAINS AND FLAT CABLE OF ISI FOR SUBMERSIBLE MOTORS.			
166	ELEC-1.6.1	Supply of 2.5 Sqmm 3/20 WPSC (Weather Proof Single Core) ISI Alluminium Wire Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	100	Mtrs	650.00
167	ELEC-1.6.2	Supply of 6 Sqmm 7/18 WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	100	Mtrs	1320.00
168	ELEC-1.6.3	Supply of 10 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	100	Mtrs	1420.00
169	ELEC-1.6.4	Supply of 16 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex.	100	Mtrs	2375.00
170	ELEC-1.6.5	Supply of 6 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	2660.00
171	ELEC-1.6.6	Supply of 10 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	3200.00
172	ELEC-1.6.7	Supply of 16 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	6000.00
173	ELEC-1.6.8	Supply of 23 / 0060 twin core flat wire of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	900.00
174	ELEC-1.6.9	Supply of 3 Core 1.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	4950.00
175	ELEC-1.6.10	Supply of 3 Core 2.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	7600.00
176	ELEC-1.6.11	Supply of 3 Core 4.0 Sqmm Flat Copper cable of ISI for	100	Mtrs	11400.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.			
177	ELEC-1.6.12	Supply of 3 Core 6.0 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	16800.00
178	ELEC-1.6.13	Supply of 3 Core 10.0 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / Polycab / Gold Medal / Million / Payal / Sun Light / Power Flex / Fortune Art.	100	Mtrs	27300.00
	1.7	FLUSH TYPE SWITCHES AND ACCESSORIES			
179	ELEC-1.7.1	Supply of 6A 1 Way flush type Swich of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	18.00
180	ELEC-1.7.2	Supply of 6A 2 Way flush type Swich of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	21.00
181	ELEC-1.7.3	Supply of 6A 2 pin flush type Socket of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	20.00
182	ELEC-1.7.4	Supply of 6A 3/2 pin flush type Socket of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	27.00
183	ELEC-1.7.5	Supply of 6A flush type Neon Indicator of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	20.00
184	ELEC-1.7.6	Supply of 6A Triangle Plug Top of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	35.00
185	ELEC-1.7.7	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	21.00
186	ELEC-1.7.8	Supply of 16A flush type Swich of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	65.00
187	ELEC-1.7.9	Supply of 16A flush type Socket of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	65.00
188	ELEC-1.7.10	Supply of 16A flush type Switch Socket combined (2 in one) of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	102.00
189	ELEC-1.7.11	Supply of 16A flush type Switch, Socket, Fuse, Indicator combined (5 in one) of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	146.00
190	ELEC-1.7.12	Supply of 16A Triangle Plug Top of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	50.00
191	ELEC-1.7.13	Deleted			
192	ELEC-1.7.14	Supply of stepped type Electronic Regulator of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	220.00
193	ELEC-1.7.15	Supply of Jumbo Ceiling Rose 3 Plate of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	21.00
194	ELEC-1.7.16	Supply of BH / SBH of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	20.00
195	ELEC-1.7.17	Supply of Pendent Holder / Adopter of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	17.00
196	ELEC-1.7.18	Supply of Telephone Jack with Connector of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	48.00
197	ELEC-1.7.19	Supply of TV Antenna Outlet of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	26.00
198	ELEC-1.7.20	Supply of 15A/10A Flush type Fuse of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	32.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
199	ELEC-1.7.21	Supply of 32A DP Flush type of makes Anchor / Gold Medal / Million.	1	No	106.00
200	ELEC-1.7.22	Supply of Calling Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	50.00
201	ELEC-1.7.23	Supply of Buzzer of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	45.00
202	ELEC-1.7.24	Supply of Ding Dong Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	102.00
203	ELEC-1.7.25	Supply of Electronic Musical Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	240.00
204	ELEC-1.7.26	Supply of Remote Bell of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	450.00
205	ELEC-1.7.27	Supply of MC Holder of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	21.00
206	ELEC-1.7.28	Deleted			
207	ELEC-1.7.29	Supply of Spike Guard with 1 No Switch and 4 Nos Sockets of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	310.00
208	ELEC-1.7.30	Supply of Spike Guard with 4 No Switches and 4 Nos Sockets of makes Anchor / Gold Medal / Million / Vimal / Maru.	1	No	410.00
209	ELEC-1.7.31	Supply of 6A 1 Way flush type Switch of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	15.00
210	ELEC-1.7.32	Supply of 6A 2 Way flush type Switch of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	19.00
211	ELEC-1.7.33	Supply of 6A 2 pin flush type Socket of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	15.00
212	ELEC-1.7.34	Supply of 6A 3/2 pin flush type Socket of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	20.00
213	ELEC-1.7.35	Supply of 6A flush type Neon Indicator of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	18.00
214	ELEC-1.7.36	Supply of 6A Triangle Plug Top of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	28.00
215	ELEC-1.7.37	Supply of 6A 1 Way flush type Bed Switch / Bell Push of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	18.00
216	ELEC-1.7.38	Supply of 16A flush type Switch of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	55.00
217	ELEC-1.7.39	Supply of 16A flush type Socket of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	55.00
218	ELEC-1.7.40	Supply of 16A flush type Switch Socket combined (2 in one) of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	85.00
219	ELEC-1.7.41	Supply of 16A flush type Switch, Socket, Fuse, Indicator combined (5 in one) of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	110.00
220	ELEC-1.7.42	Supply of 16A Triangle Plug Top of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	44.00
221	ELEC-1.7.43	Supply of stepped type Electronic Regulator of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	180.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
222	ELEC-1.7.44	Supply of Jumbo Ceiling Rose 3 Plate of makes Milltec / Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	16.00
223	ELEC-1.7.45	Supply of 32A DP Flush type of makes Milltec / Vimal / Maru / Star.	1	No	85.00
	1.8	MINI MODULAR SWITCHES AND ACCESSORIES			
224	ELEC-1.8.1	Supply of 6A 1 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	23.00
225	ELEC-1.8.2	Supply of 6A 2 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	26.00
226	ELEC-1.8.3	Supply of 6A 2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	24.00
227	ELEC-1.8.4	Supply of 6A 3/2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	35.00
228	ELEC-1.8.5	Supply of 6A Mini Modular Neon Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	28.00
229	ELEC-1.8.6	Supply of 6A Mini Modular Bed Switch / Bell Push with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	26.00
230	ELEC-1.8.7	Supply of 6A 1 Way Mini Modular Switch with Neon Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	28.00
231	ELEC-1.8.8	Supply of 6A Mini Modular Bell Push with Neon Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	39.00
232	ELEC-1.8.9	Supply of 16A Mini Modular Switch with Cover Frame of makes Anchor / Million / Vimal / Maru / Milltec.	1	No	80.00
233	ELEC-1.8.10	Deleted			
234	ELEC-1.8.11	Supply of 16A (2 in one) Mini Modular Switch & Socket combined with Cover Frame of makes Anchor / Million / Vimal / Maru / Gold Medal / Milltec.	1	No	110.00
235	ELEC-1.8.12	Supply of 16A (5 in one) Mini Modular Switch, Socket, Fuse and Indicator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	185.00
236	ELEC-1.8.13	Supply of 16A Triangle Top with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	49.00
237	ELEC-1.8.14	Deleted			
238	ELEC-1.8.15	Supply of Mini Modular Stepped type Electronic Regulator with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	240.00
239	ELEC-1.8.16	Supply of Jumbo Ceiling Rose 3 Plate of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	25.00
240	ELEC-1.8.17	Supply of BH / SBH of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	35.00
241	ELEC-1.8.18	Supply of Mini Modular Telephone Jack with Connector with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	54.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
242	ELEC-1.8.19	Supply of Mini Modular TV Antenna Outlet with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	35.00
243	ELEC-1.8.20	Supply of 16A/10A Mini Modular Flush Fuse with Cover Frame of makes GM / Anchor / Gold Medal / Million / Vimal / Maru / Milltec.	1	No	40.00
	1.9	MODULAR SWITCHES AND ACCESSORIES			
244	ELEC-1.9.1	Supply of 6A / 10A 1 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	92.00
245	ELEC-1.9.2	Supply of 6A / 10A 2 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	101.00
246	ELEC-1.9.3	Supply of 6A / 10A 2 Pin Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	93.00
247	ELEC-1.9.4	Supply of 6A / 10A 3/2 Pin Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	141.00
248	ELEC-1.9.5	Supply of 6A / 10A Modular Switch with Neon Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	117.00
249	ELEC-1.9.6	Supply of 6A / 10A Modular Bell Push with Neon Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	137.00
250	ELEC-1.9.7	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	126.00
251	ELEC-1.9.8	Supply of 16A / 20A 1 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	126.00
252	ELEC-1.9.9	Supply of 16A / 20A 2 Way Modular Switch of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	138.00
253	ELEC-1.9.10	Supply of 20A 1 Way Modular Switch with Indicator of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	138.00
254	ELEC-1.9.11	Supply of 20A Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	188.00
255	ELEC-1.9.12	Supply of 16A/6A 1 way Combi Socket Modular Socket of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	196.00
256	ELEC-1.9.13	Supply of 16A Triangle Top of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	158.00
257	ELEC-1.9.14	Supply of 400W Electronic Regulator of Modular of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	473.00
258	ELEC-1.9.15	Supply of 600W Electronic Regulator of Modular of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	546.00
259	ELEC-1.9.16	Supply of Modular Telephone jack with Connector of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	100.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
260	ELEC-1.9.17	Supply of Modular TV Antenna outlet of GM / Legrand Mossaic / L & T / North West / M K / Salzer / Indo Simon.	1	No	98.00
261	ELEC-1.9.18	Supply of 6A / 10A 1 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	63.00
262	ELEC-1.9.19	Supply of 6A / 10A 2 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	75.00
263	ELEC-1.9.20	Supply of 6A / 10A 2 Pin Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	64.00
264	ELEC-1.9.21	Supply of 6A / 10A 3/2 Pin Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	93.00
265	ELEC-1.9.22	Supply of 6A / 10A Modular Switch with Neon Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	75.00
266	ELEC-1.9.23	Supply of 6A / 10A Modular Bell Push with Neon Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	90.00
267	ELEC-1.9.24	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	83.00
268	ELEC-1.9.25	Supply of 16A / 20A 1 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	83.00
269	ELEC-1.9.26	Supply of 16A / 20A 2 Way Modular Switch of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	95.00
270	ELEC-1.9.27	Supply of 20A 1 Way Modular Switch with Indicator of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	91.00
271	ELEC-1.9.28	Supply of 20A Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	133.00
272	ELEC-1.9.29	Supply of 16A/6A 1 way Combi Socket Modular Socket of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	135.00
273	ELEC-1.9.30	Supply of 16A Triangle Top of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	65.00
274	ELEC-1.9.31	Deleted			
275	ELEC-1.9.32	Supply of Electronic Regulator of Modular of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	375.00
276	ELEC-1.9.33	Supply of Modular Telephone jack with Connector of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	65.00
277	ELEC-1.9.34	Supply of Modular TV Antenna outlet of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold	1	No	64.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Medal / Vimal / Anchor Roma.			
278	ELEC-1.9.35	Supply of 1 or 2 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	1	No	65.00
279	ELEC-1.9.36	Supply of 3 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	1	No	77.00
280	ELEC-1.9.37	Supply of 4 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	1	No	89.00
281	ELEC-1.9.38	Supply of 6 Modular Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	1	No	130.00
282	ELEC-1.9.39	Supply of 8 Modular Horizontal / Vertical Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	1	No	172.00
283	ELEC-1.9.40	Supply of 12 Modular Vertical Cover Frame of GM / Legrand Mossaic / L & T / North West / M K / Salzer.	1	No	210.00
284	ELEC-1.9.41	Supply of 1 or 2 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	56.00
285	ELEC-1.9.42	Supply of 3 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	69.00
286	ELEC-1.9.43	Supply of 4 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	81.00
287	ELEC-1.9.44	Supply of 6 Modular Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	108.00
288	ELEC-1.9.45	Supply of 8 Modular Horizontal / Vertical Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	137.00
289	ELEC-1.9.46	Supply of 12 Modular Vertical Cover Frame of Crabtree / Feno Swtch / Toyoma / Fortune Art / Million / Gold Medal / Vimal / Anchor Roma.	1	No	167.00
		SECTION - 2			
	2.1	PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS (SDFU / FSDU) AS PER IS: 13947			
290	ELEC-2.1.1	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	1351.00
291	ELEC-2.1.2	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	2329.00
292	ELEC-2.1.3	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	5578.00
293	ELEC-2.1.4	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	7280.00
294	ELEC-2.1.5	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	8740.00
295	ELEC-2.1.6	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	13455.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
296	ELEC-2.1.7	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	22759.00
297	ELEC-2.1.8	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	1129.00
298	ELEC-2.1.9	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	1692.00
299	ELEC-2.1.10	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	3827.00
300	ELEC-2.1.11	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	5783.00
301	ELEC-2.1.12	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	6521.00
302	ELEC-2.1.13	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	9960.00
303	ELEC-2.1.14	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Crystal / Havells / HPL.	1	No	16538.00
	2.2	ON LOAD CHANGEOVER SWITCHES (OPEN EXECUTION) AS PER IS:13947			
304	ELEC-2.2.1	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	3938.00
305	ELEC-2.2.2	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	7455.00
306	ELEC-2.2.3	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	9975.00
307	ELEC-2.2.4	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	14175.00
308	ELEC-2.2.5	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	21630.00
309	ELEC-2.2.6	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	25725.00
310	ELEC-2.2.7	Supply of 800A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	37275.00
311	ELEC-2.2.8	Supply of 1000A 4 Pole Change Over Switch on Load with open Execution of makes HPL / G E / L & T / ABB / SIEMENS	1	No	61425.00
312	ELEC-2.2.9	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	3570.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
313	ELEC-2.2.10	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	6936.00
314	ELEC-2.2.11	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	9180.00
315	ELEC-2.2.12	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	13056.00
316	ELEC-2.2.13	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	20298.00
317	ELEC-2.2.14	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	24378.00
318	ELEC-2.2.15	Supply of 800A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	35598.00
319	ELEC-2.2.16	Supply of 1000A 4 Pole Change Over Switch on Load with open Execution of makes Standard / Crystal / Havells.	1	No	59058.00
	2.3	CHANGE OVER SWITCHES IN SS ENCLOSURE AS PER IS:13947			
320	ELEC-2.3.1	Supply of 32A 240V DP Changeover Switch in sheet steel enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	1255.00
321	ELEC-2.3.2	Supply of 63A 415V FP Changeover Switch in sheet steel enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	4375.00
322	ELEC-2.3.3	Supply of 100A 415V FP Changeover Switch in sheet steel enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	6672.00
323	ELEC-2.3.4	Supply of 32A 240V DP Changeover Switch in sheet steel enclosure of makes Standard / Crystal / Million / Sputnik / Sunlight / / Bentec / Gold Medal / Star.	1	No	723.00
324	ELEC-2.3.5	Supply of 63A 415V FP Changeover Switch in sheet steel enclosure of makes Standard / Crystal / Million / Sputnik / Sunlight / / Bentec / Gold Medal / Star.	1	No	2542.00
325	ELEC-2.3.6	Supply of 100A 415V FP Changeover Switch in sheet steel enclosure of makes Standard / Crystal / Million / Sputnik / Sunlight / / Bentec / Gold Medal.	1	No	4780.00
	2.4	REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE AS PER IS:13947			
326	ELEC-2.4.1	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	936.00
327	ELEC-2.4.2	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	1446.00
328	ELEC-2.4.3	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	3302.00
329	ELEC-2.4.4	Supply of 100A 415V TPN Rewirable Fuse Switch in SS	1	No	6148.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		enclosure of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS			
330	ELEC-2.4.5	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuses of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	6190.00
331	ELEC-2.4.6	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuses of makes L & T / G E / C & S / HPL / Havells / ABB / SIEMENS	1	No	9025.00
332	ELEC-2.4.7	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	1	No	620.00
333	ELEC-2.4.8	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	1	No	1033.00
334	ELEC-2.4.9	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	1	No	2350.00
335	ELEC-2.4.10	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec / Star.	1	No	4579.00
336	ELEC-2.4.11	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuse of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec.	1	No	4730.00
337	ELEC-2.4.12	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuse of makes Standard / Crystal / Gold Medal / Million / Sputnik / Sunlight / Bentec.	1	No	7747.00
	2.5	HRC FUSE LINKS (BOLTED TYPE)			
338	ELEC-2.5.1	Supply of up to 32A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1	No	45.00
339	ELEC-2.5.2	Supply of 32A to 63A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1	No	70.00
340	ELEC-2.5.3	Supply of 125A to 200A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1	No	225.00
341	ELEC-2.5.4	Supply of 250A to 350A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1	No	330.00
342	ELEC-2.5.5	Supply of 400A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1	No	640.00
343	ELEC-2.5.6	Supply of 630A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells.	1	No	1295.00
	2.6	PORCELAIN REWIRABLE FUSE UNITS.			
344	ELEC-2.6.1	Supply of 32A 240V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight / Star.	1	No	90.00
345	ELEC-2.6.2	Supply of 32A 415V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight / Star.	1	No	111.00
346	ELEC-2.6.3	Supply of 63A 415V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight / Star.	1	No	235.00
347	ELEC-2.6.4	Supply of 100A 415V Porcelain Rewirable Fuse Units of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight.	1	No	440.00
348	ELEC-2.6.5	Supply of 200A 415V Porcelain Rewirable Fuse Units	1	No	810.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		with extension strip of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight.			
349	ELEC-2.6.6	Supply of 300A 415V Porcelain Rewirable Fuse Units with extension strip of makes Gold Medal / HPL / Vimal / Standard / Crystal / Million / Sputnik / Bentec / Sunlight.	1	No	1074.00
	2.7	VOLTAGE SURGE PROTECTORS			
350	ELEC-2.7.1	Supply of 2 Pole 2 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	1	No	8047.00
351	ELEC-2.7.2	Supply of 4 Pole 4 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	1	No	15130.00
352	ELEC-2.7.3	Supply of 2 Pole 2 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	1	No	6430.00
353	ELEC-2.7.4	Supply of 4 Pole 4 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / L & T Hager / G E.	1	No	12106.00
	2.8	PANEL MOUNTING MCCBs/ ACBs			
354	ELEC-2.8.1	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	5560.00
355	ELEC-2.8.2	Supply of 125A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	6600.00
356	ELEC-2.8.3	Supply of 250A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 36/35 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	14701.00
357	ELEC-2.8.4	Supply of 400A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 36/35 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	19900.00
358	ELEC-2.8.5	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	6250.00
359	ELEC-2.8.6	Supply of 125A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	7980.00
360	ELEC-2.8.7	Supply of 250A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 35 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	19099.00
361	ELEC-2.8.8	Supply of 400A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes L & T / GE / SCHNEIDER / ABB / SIEMENS.	1	No	21000.00
362	ELEC-2.8.9	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	3880.00
363	ELEC-2.8.10	Supply of 125A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	4410.00
364	ELEC-2.8.11	Supply of 250A 3 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 36/35 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	13599.00
365	ELEC-2.8.12	Supply of 400A 3 Pole MCCB / Confirms to IS:13947	1	No	15201.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		having Breaking Capacity 50 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.			
366	ELEC-2.8.13	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	5200.00
367	ELEC-2.8.14	Supply of 125A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 25 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	5800.00
368	ELEC-2.8.15	Supply of 250A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	17949.00
369	ELEC-2.8.16	Supply of 400A 4 Pole MCCB / Confirms to IS:13947 having Breaking Capacity 50 KA Panel Mounted of makes Legrand / Havells / HPL / Standard / Crystal.	1	No	24044.00
370	ELEC-2.8.17	Supply of 630A 3 Pole Air Circuit Breaker electrical fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens make.	1	No	95820.00
371	ELEC-2.8.18	Supply of 630A 4 Pole Air Circuit Breaker electrical fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens make.	1	No	119120.00
372	ELEC-2.8.19	Supply of 630A 3 Pole Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens / C&S make.	1	No	128250.00
373	ELEC-2.8.20	Supply of 630A 4 Pole Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens / C&S make.	1	No	158850.00
374	ELEC-2.8.21	Supply of 800A 3 Pole Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / GE.	1	No	135115.00
375	ELEC-2.8.22	Supply of 800A 4 Pole Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / GE.	1	No	167655.00
376	ELEC-2.8.23	Supply of 1000A 3 Pole Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes GE / L&T / Siemens.	1	No	142000.00
377	ELEC-2.8.24	Supply of 1000A 4 Pole Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes	1	No	178800.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		GE / L&T / Siemens.			
	2.9	MCBs (AS PER IS:8828)			
378	ELEC-2.9.1	Supply of 6-32A 10KA SP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	184.00
379	ELEC-2.9.2	Supply of 40-63A 10KA SP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	388.00
380	ELEC-2.9.3	Supply of 6-32A 10KA SPN / DP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	545.00
381	ELEC-2.9.4	Supply of 40-63A 10KA SPN / DP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	882.00
382	ELEC-2.9.5	Supply of 6-32A TP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	876.00
383	ELEC-2.9.6	Supply of 40 - 63A TP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1355.00
384	ELEC-2.9.7	Supply of 6-32A TPN / FP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1175.00
385	ELEC-2.9.8	Supply of 40 - 63A TPN / FP MCB ISI Mark of make Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1742.00
386	ELEC-2.9.9	Supply of 6-32A 10KA SP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	148.00
387	ELEC-2.9.10	Supply of 40-63A 10KA SP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	326.00
388	ELEC-2.9.11	Supply of 6-32A 10KA SPN / DP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	469.00
389	ELEC-2.9.12	Supply of 40-63A 10KA SPN / DP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	643.00
390	ELEC-2.9.13	Supply of 6-32A TP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	750.00
391	ELEC-2.9.14	Supply of 40 - 63A TP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	1040.00
392	ELEC-2.9.15	Supply of 6-32A TPN / FP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	974.00
393	ELEC-2.9.16	Supply of 40 - 63A TPN / FP MCB ISI Mark of make Standard / Havells / HPL / Toyoma.	1	No	1306.00
394	ELEC-2.9.17	Supply of 6-32A 10KA SP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	111.00
395	ELEC-2.9.18	Supply of 40-63A 10KA SP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	202.00
396	ELEC-2.9.19	Supply of 6-32A 10KA SPN MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	307.00
397	ELEC-2.9.20	Supply of 40-63A 10KA SPN / DP MCB ISI Mark C-Curve of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	459.00
398	ELEC-2.9.21	Supply of 6-32A TP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	561.00
399	ELEC-2.9.22	Supply of 40 - 63A TP MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	867.00
400	ELEC-2.9.23	Supply of 6-32A TPN MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	722.00
401	ELEC-2.9.24	Supply of 40 - 63A TPN MCB ISI Mark of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1020.00
	2.10	ISOLATORS			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
402	ELEC-2.10.1	Supply of 32A DP Isolator of make L & T / Legrand / GE / Siemens / Schneider.			310.00
403	ELEC-2.10.2	Supply of 40A DP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	336.00
404	ELEC-2.10.3	Supply of 63A DP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	447.00
405	ELEC-2.10.4	Supply of 40A TP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	572.00
406	ELEC-2.10.5	Supply of 63A TP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	665.00
407	ELEC-2.10.6	Supply of 40A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	746.00
408	ELEC-2.10.7	Supply of 63A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	816.00
409	ELEC-2.10.8	Supply of 80A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	863.00
410	ELEC-2.10.9	Supply of 100A FP Isolator of make L & T / Legrand / GE / Siemens / Schneider.	1	No	877.00
411	ELEC-2.10.10	Supply of 32A DP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	291.00
412	ELEC-2.10.11	Supply of 40A DP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	306.00
413	ELEC-2.10.12	Supply of 63A DP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	377.00
414	ELEC-2.10.13	Supply of 40A TP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	536.00
415	ELEC-2.10.14	Supply of 63A TP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	541.00
416	ELEC-2.10.15	Supply of 40A FP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	622.00
417	ELEC-2.10.16	Supply of 63A FP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	673.00
418	ELEC-2.10.17	Supply of 80A FP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	791.00
419	ELEC-2.10.18	Supply of 100A FP Isolator of make Standard / Havells / HPL / Toyoma.	1	No	842.00
420	ELEC-2.10.19	Supply of 32A DP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	197.00
421	ELEC-2.10.20	Supply of 40A DP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	236.00
422	ELEC-2.10.21	Supply of 63A DP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	316.00
423	ELEC-2.10.22	Supply of 40A TP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	351.00
424	ELEC-2.10.23	Supply of 63A TP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	392.00
425	ELEC-2.10.24	Supply of 40A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	524.00
426	ELEC-2.10.25	Supply of 63A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	633.00
427	ELEC-2.10.26	Supply of 80A FP Isolator of make Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	714.00
428	ELEC-2.10.27	Supply of 100A FP Isolator of make Gold Medal /	1	No	791.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Milltec / Sputnik / Crystal / Bentec.			
	2.11	RCCBs CONFIRMS TO IEC:61008 AND IS:12640			
429	ELEC-2.11.1	Supply of 40A 2 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	2859.00
430	ELEC-2.11.2	Supply of 63A 2 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3333.00
431	ELEC-2.11.3	Supply of 40A 2 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3051.00
432	ELEC-2.11.4	Supply of 63A 2 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3556.00
433	ELEC-2.11.5	Supply of 40A 4 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3194.00
434	ELEC-2.11.6	Supply of 63A 4 Pole RCCB 30ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3798.00
435	ELEC-2.11.7	Supply of 40A 4 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3392.00
436	ELEC-2.11.8	Supply of 63A 4 Pole RCCB 100ma of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3902.00
437	ELEC-2.11.9	Supply of 40A 2 Pole RCCB 30ma of makes Standard / Havells / HPL.	1	No	1974.00
438	ELEC-2.11.10	Supply of 63A 2 Pole RCCB 30ma of makes Standard / Havells / HPL.	1	No	2662.00
439	ELEC-2.11.11	Supply of 40A 2 Pole RCCB 100ma of makes Standard / Havells / HPL.	1	No	1943.00
440	ELEC-2.11.12	Supply of 63A 2 Pole RCCB 100ma of makes Standard / Havells / HPL.	1	No	2550.00
441	ELEC-2.11.13	Supply of 40A 4 Pole RCCB 30ma of makes Standard / Havells / HPL.	1	No	2428.00
442	ELEC-2.11.14	Supply of 63A 4 Pole RCCB 30ma of makes Standard / Havells / HPL.	1	No	2769.00
443	ELEC-2.11.15	Supply of 40A 4 Pole RCCB 100ma of makes Standard / Havells / HPL.	1	No	2346.00
444	ELEC-2.11.16	Supply of 63A 4 Pole RCCB 100ma of makes Standard / Havells / HPL.	1	No	2703.00
445	ELEC-2.11.17	Supply of 40A 2 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1375.00
446	ELEC-2.11.18	Supply of 63A 2 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1691.00
447	ELEC-2.11.19	Supply of 40A 2 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1370.00
448	ELEC-2.11.20	Supply of 63A 2 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1573.00
449	ELEC-2.11.21	Supply of 40A 4 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1603.00
450	ELEC-2.11.22	Supply of 63A 4 Pole RCCB 30ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1943.00
451	ELEC-2.11.23	Supply of 40A 4 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1551.00
452	ELEC-2.11.24	Supply of 63A 4 Pole RCCB 100ma of makes Milltec / Sputnik / Crystal / Bentec.	1	No	1838.00
453	ELEC-2.11.25	Supply of MCB type Change Over Switch 20A Double Pole 2 way 400V AC suitable to fix on Din Channel of	1	No	1724.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		makes L & T / G E / C & S / HPL / Havells make.			
	2.12	MCB DISTRIBUTION BOARDS (AS PER IS:13032)			
454	ELEC-2.12.1	Supply of 4 Way SPN DB with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	663.00
455	ELEC-2.12.2	Supply of 8 Way SPN DB with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	745.00
456	ELEC-2.12.3	Supply of 12 Way SPN DB with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	924.00
457	ELEC-2.12.4	Supply of 4 Way SPN DB with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	909.00
458	ELEC-2.12.5	Supply of 8 Way SPN DB with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1135.00
459	ELEC-2.12.6	Supply of 12 Way SPN DB with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1368.00
460	ELEC-2.12.7	Supply of 4 Way SPN DB with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	428.00
461	ELEC-2.12.8	Supply of 8 Way SPN DB with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	561.00
462	ELEC-2.12.9	Supply of 12 Way SPN DB with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	643.00
463	ELEC-2.12.10	Supply of 4 Way SPN DB with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	740.00
464	ELEC-2.12.11	Supply of 8 Way SPN DB with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	1046.00
465	ELEC-2.12.12	Supply of 12 Way SPN DB with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	1250.00
466	ELEC-2.12.13	Supply of 4 Way SPN DB with IP 20 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	1	No	303.00
467	ELEC-2.12.14	Supply of 8 Way SPN DB with IP 20 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	1	No	413.00
468	ELEC-2.12.15	Supply of 12 Way SPN DB with IP 20 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	1	No	506.00
469	ELEC-2.12.16	Supply of 4 Way SPN DB with IP 43 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	1	No	510.00
470	ELEC-2.12.17	Supply of 8 Way SPN DB with IP 43 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	1	No	700.00
471	ELEC-2.12.18	Supply of 12 Way SPN DB with IP 43 Protection of makes Milltec / Sputnik / Crystal / Bentec / Gold Medal.	1	No	886.00
472	ELEC-2.12.19	Supply of 4 Way TPN DB Horizontal with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1295.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
473	ELEC-2.12.20	Supply of 8 Way TPN DB Horizontal with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	1836.00
474	ELEC-2.12.21	Supply of 12 Way TPN DB Horizontal with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3740.00
475	ELEC-2.12.22	Supply of 4 Way TPN DB Horizontal with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	2306.00
476	ELEC-2.12.23	Supply of 8 Way TPN DB Horizontal with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	3409.00
477	ELEC-2.12.24	Supply of 12 Way TPN DB Horizontal with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	5026.00
478	ELEC-2.12.25	Supply of 4 Way TPN DB Vertical with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	4745.00
479	ELEC-2.12.26	Supply of 8 Way TPN DB Vertical with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	5853.00
480	ELEC-2.12.27	Supply of 12 Way TPN DB Vertical with IP 20 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	8520.00
481	ELEC-2.12.28	Supply of 4 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	5505.00
482	ELEC-2.12.29	Supply of 6 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	6101.00
483	ELEC-2.12.30	Supply of 8 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	6970.00
484	ELEC-2.12.31	Supply of 12 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	9331.00
485	ELEC-2.12.32	Supply of 7 Segment 4 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	5435.00
486	ELEC-2.12.33	Supply of 7 Segment 8 Way TPN DB Vertical with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	6839.00
487	ELEC-2.12.34	Supply of 4 Way TPN DB suitable for accomodating 125A 4 Pole MCCB as incomer with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	7262.00
488	ELEC-2.12.35	Supply of 8 Way TPN DB suitable for accomodating 125A 4 Pole MCCB as incomer with IP 43 Protection of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	9095.00
489	ELEC-2.12.36	Supply of 20A SP Plug and Socket in SS enclosure of makes Legrand / L & T / GE / Siemens / Schneider/ ABB.	1	No	834.00
490	ELEC-2.12.37	Supply of 20A TP Plug and Socket in SS enclosure of	1	No	1773.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		makes Legrand / L & T / GE / Siemens / Schneider / ABB.			
491	ELEC-2.12.38	Supply of 32A TP Plug and Socket in SS enclosure of makes Legrand / L & T / GE / Siemens / Schneider / ABB.	1	No	2117.00
492	ELEC-2.12.39	Supply of 4 Way TPN DB Horizontal with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	1295.00
493	ELEC-2.12.40	Supply of 8 Way TPN DB Horizontal with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	1836.00
494	ELEC-2.12.41	Supply of 12 Way TPN DB Horizontal with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	2448.00
495	ELEC-2.12.42	Supply of 4 Way TPN DB Horizontal with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	1938.00
496	ELEC-2.12.43	Supply of 8 Way TPN DB Horizontal with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	3040.00
497	ELEC-2.12.44	Supply of 12 Way TPN DB Horizontal with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	4274.00
498	ELEC-2.12.45	Supply of 4 Way TPN DB Vertical with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	3407.00
499	ELEC-2.12.46	Supply of 8 Way TPN DB Vertical with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	4702.00
500	ELEC-2.12.47	Supply of 12 Way TPN DB Vertical with IP 20 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	6069.00
501	ELEC-2.12.48	Supply of 4 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	5018.00
502	ELEC-2.12.49	Supply of 8 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	6395.00
503	ELEC-2.12.50	Supply of 12 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	8201.00
504	ELEC-2.12.51	Supply of 7 Segment 4 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	4366.00
505	ELEC-2.12.52	Supply of 7 Segment 8 Way TPN DB Vertical with IP 43 Protection of makes Standard / Havells / HPL / Toyoma.	1	No	5488.00
506	ELEC-2.12.53	Supply of 20A SP Plug and Socket in SS enclosure of makes Standard / Havells / HPL / Toyoma.	1	No	602.00
507	ELEC-2.12.54	Supply of 20A TP Plug and Socket in SS enclosure of makes Standard / Havells / HPL / Toyoma.	1	No	1142.00
508	ELEC-2.12.55	Supply of 32A TP Plug and Socket in SS enclosure of makes Standard / Havells / HPL / Toyoma.	1	No	1673.00
509	ELEC-2.12.56	Supply of 4 Way TPN DB Horizontal with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1136.00
510	ELEC-2.12.57	Supply of 8 Way TPN DB Horizontal with IP 20 Protection of makes Gold Medal / Milltec / Sputnik /	1	No	1584.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Crystal / Bentec.			
511	ELEC-2.12.58	Supply of 12 Way TPN DB Horizontal with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1962.00
512	ELEC-2.12.59	Supply of 4 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1459.00
513	ELEC-2.12.60	Supply of 6 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1712.00
514	ELEC-2.12.61	Supply of 8 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1942.00
515	ELEC-2.12.62	Supply of 12 Way TPN DB Horizontal with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	2430.00
516	ELEC-2.12.63	Supply of 4 Way TPN DB Vertical with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	2397.00
517	ELEC-2.12.64	Supply of 6 Way TPN DB Vertical with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.			3124.00
518	ELEC-2.12.65	Supply of 8 Way TPN DB Vertical with IP 20 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	4174.00
519	ELEC-2.12.66	Supply of 4 Way TPN DB Vertical with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	2397.00
520	ELEC-2.12.67	Supply of 8 Way TPN DB Vertical with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	4174.00
521	ELEC-2.12.68	Supply of 12 Way TPN DB Vertical with IP 43 Protection of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	5634.00
522	ELEC-2.12.69	Supply of 20A SP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	527.00
523	ELEC-2.12.70	Supply of 20A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	824.00
524	ELEC-2.12.71	Supply of 32A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Crystal / Bentec.	1	No	1121.00
		SECTION - 3			
	3.1	STREET LIGHT LUMINAIRES			
525	ELEC-3.1.1	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet alluminium housing and UV stabilised acrylic cover of makes Wipro / G.E./ Phillips.	1	No	1390.00
526	ELEC-3.1.2	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet alluminium housing and UV stabilised acrylic cover of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	1300.00
527	ELEC-3.1.3	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet alluminium housing and UV	1	No	1280.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		stabilised acrylic cover of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Elliot / Capart / Akhil.			
528	ELEC-3.1.4	Supply of 80W MV Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	3031.00
529	ELEC-3.1.5	Supply of 80W MV Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / Surya / Havells.	1	No	2116.00
530	ELEC-3.1.6	Supply of 80W MV Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	1900.00
531	ELEC-3.1.7	Supply of 125W MV Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	3168.00
532	ELEC-3.1.8	Supply of 125W MV Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / Surya / Havells.	1	No	2228.00
533	ELEC-3.1.9	Supply of 125W MV Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	1950.00
534	ELEC-3.1.10	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	3735.00
535	ELEC-3.1.11	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	3679.00
536	ELEC-3.1.12	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	3200.00
537	ELEC-3.1.13	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	5484.00
538	ELEC-3.1.14	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	5113.00
539	ELEC-3.1.15	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	4950.00
540	ELEC-3.1.16	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing	1	No	6300.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		having pot optics with IP65 protection of makes Wipro / G.E./ Phillips.			
541	ELEC-3.1.17	Supply of 250W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	6086.00
542	ELEC-3.1.18	Supply of 250W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	5400.00
543	ELEC-3.1.19	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	5535.00
544	ELEC-3.1.20	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	4960.00
545	ELEC-3.1.21	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	4200.00
546	ELEC-3.1.22	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	7200.00
547	ELEC-3.1.23	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	7000.00
548	ELEC-3.1.24	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	6800.00
549	ELEC-3.1.25	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Wipro / G.E./ Phillips.	1	No	7650.00
550	ELEC-3.1.26	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	7200.00
551	ELEC-3.1.27	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP65 protection of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	6200.00
552	ELEC-3.1.28	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	1	No	7763.00
553	ELEC-3.1.29	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	7400.00
554	ELEC-3.1.30	Supply of 250W MH Flood light luminaire with Non -	1	No	6800.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.			
555	ELEC-3.1.31	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	1	No	14991.00
556	ELEC-3.1.32	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / Surya / HPL / Transrail.	1	No	14299.00
557	ELEC-3.1.33	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	1	No	8663.00
558	ELEC-3.1.34	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / Surya / HPL / Transrail.	1	No	7976.00
559	ELEC-3.1.35	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	7178.00
560	ELEC-3.1.36	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Wipro / G.E./ Phillips.	1	No	16898.00
561	ELEC-3.1.37	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP65 protection with Control Gear Box without lamp of makes Crompton / Bajaj / Surya / HPL / Transrail.	1	No	15666.00
562	ELEC-3.1.38	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E./ Phillips.	1	No	731.00
563	ELEC-3.1.39	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Transrail.	1	No	692.00
564	ELEC-3.1.40	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	600.00
565	ELEC-3.1.41	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1716.00
566	ELEC-3.1.42	Supply of 1000W Hallozen Flood light luminaire with	1	No	1474.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		cast alluminium housing and tough end glass cover with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Transrail.			
567	ELEC-3.1.43	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / RK / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	1200.00
568	ELEC-3.1.44	Supply of 80W MV Well glass and low bay luminaire of IP 65 integral type of makes Wipro / G.E./ Phillips.	1	No	2623.00
569	ELEC-3.1.45	Supply of 80W MV Well glass and low bay luminaire of IP 65 integral type of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	2227.00
570	ELEC-3.1.46	Supply of 70W SV Well glass and low bay luminaire of IP 65 integral type of makes Wipro / G.E./ Phillips.	1	No	2673.00
571	ELEC-3.1.47	Supply of 70W SV Well glass and low bay luminaire of IP 65 integral type of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	2587.00
	3.2	POST TOP LANTERN LUMINAIRES			
572	ELEC-3.2.1	Supply of 1 x 18W CFL integral post top luminaire with conical shape, opal clear acrylic diffuser with cast alluminium pole mounting capsule complete with all accessories and ballast of makes Crompton / Bajaj / Surya / K Lite / HPL.	1	No	1750.00
573	ELEC-3.2.2	Supply of 125W MV integral type standard Diamond / Spherical Post Top Lantern Luminaire of BJPTI 125 MV or its equivalent with all accessories. makes Crompton / Bajaj / Surya.	1	No	3650.00
574	ELEC-3.2.3	Supply of 70W SV / MH integral HID lamp post top lantern BJDPTI 70SV / MH LPF or its equivalent with diamond / Mushroom / Spherical diffuser etc complete with all accessories of makes Bajaj / Crompton / Surya / HPL.	1	No	3640.00
		ACCESSORIES FOR MV / SV / MH LUMINAIRES			
	3.3	COPPER BALLASTS			
575	ELEC-3.3.1	Supply of 80W MV copper ballast of makes Wipro / G.E./ Phillips / Crompton / Bajaj / Surya / Havells.	1	No	750.00
576	ELEC-3.3.2	Supply of 80W MV copper ballast of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1	No	720.00
577	ELEC-3.3.3	Supply of 125W MV copper ballast.of makes Wipro / G.E./ Phillips / Crompton / Bajaj / Surya / Havells.	1	No	820.00
578	ELEC-3.3.4	Supply of 125W MV copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1	No	730.00
579	ELEC-3.3.5	Supply of 70 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	1	No	800.00
580	ELEC-3.3.6	Supply of 70 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	720.00
581	ELEC-3.3.7	Supply of 70 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1	No	650.00
582	ELEC-3.3.8	Supply of 150 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	1	No	1250.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
583	ELEC-3.3.9	Supply of 150 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1125.00
584	ELEC-3.3.10	Supply of 150 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1	No	1010.00
585	ELEC-3.3.11	Supply of 250 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	1	No	1800.00
586	ELEC-3.3.12	Supply of 250 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1600.00
587	ELEC-3.3.13	Supply of 250 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1	No	1370.00
588	ELEC-3.3.14	Supply of 400 W SV / MH copper ballast.of makes Wipro / G.E./ Phillips.	1	No	2600.00
589	ELEC-3.3.15	Supply of 400 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	2340.00
590	ELEC-3.3.16	Supply of 400 W SV / MH copper ballast.of makes RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart.	1	No	1900.00
591	ELEC-3.3.17	Supply of Ignitor for SV / MH Lamp of makes Wipro / G.E./ Phillips / Crompton / Bajaj / Surya / HPL / Havells.	1	No	190.00
592	ELEC-3.3.18	Supply of 4 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	1	No	120.00
593	ELEC-3.3.19	Supply of 4 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	106.00
594	ELEC-3.3.20	Supply of 4 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	1	No	85.00
595	ELEC-3.3.21	Supply of 10 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	1	No	200.00
596	ELEC-3.3.22	Supply of 10 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	180.00
597	ELEC-3.3.23	Supply of 10 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	1	No	150.00
598	ELEC-3.3.24	Supply of 15 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	1	No	240.00
599	ELEC-3.3.25	Supply of 15 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	180.00
600	ELEC-3.3.26	Supply of 15 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	1	No	150.00
601	ELEC-3.3.27	Supply of 20 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	1	No	320.00
602	ELEC-3.3.28	Supply of 20 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	250.00
603	ELEC-3.3.29	Supply of 20 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	1	No	230.00
604	ELEC-3.3.30	Supply of 33 mfd HPF Capacitor of makes Wipro / G.E./ Phillips make	1	No	520.00
605	ELEC-3.3.31	Supply of 33 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	480.00
606	ELEC-3.3.32	Supply of 33 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	1	No	400.00
607	ELEC-3.3.33	Supply of 42 mfd HPF Capacitor of makes Wipro /	1	No	580.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		G.E./ Phillips make			
608	ELEC-3.3.34	Supply of 42 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	500.00
609	ELEC-3.3.35	Supply of 42 mfd HPF Capacitor of makes Elton / RK / Ballst makers / Flourcraft / Mahita Electro / Capart.	1	No	450.00
		ENERGY SAVING ELECTRONIC BALLAST FOR STREET LIGHT			
610	ELEC-3.3.36	Supply of 70W SV / MH Electronic ballast of makes Trinic or its equivalent.	1	No	1920.00
611	ELEC-3.3.37	Supply of 150W SV / MH Electronic ballast of makes Trinic or its equivalent.	1	No	2624.00
612	ELEC-3.3.38	Supply of 250W SV / MH Electronic ballast of makes Trinic or its equivalent.	1	No	3275.00
613	ELEC-3.3.39	Supply of 400W SV / MH Electronic ballast of makes Trinic or its equivalent.	1	No	4220.00
	3.4	LAMPS			
614	ELEC-3.4.1	Supply of 500W Hallozen Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	108.00
615	ELEC-3.4.2	Supply of 500W Hallozen Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	80.00
616	ELEC-3.4.3	Supply of 500W Hallozen Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	60.00
617	ELEC-3.4.4	Supply of 1000W Hallozen Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	130.00
618	ELEC-3.4.5	Supply of 1000W Hallozen Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	100.00
619	ELEC-3.4.6	Supply of 1000W Hallozen Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	80.00
620	ELEC-3.4.7	Supply of 70W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	495.00
621	ELEC-3.4.8	Supply of 70W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	450.00
622	ELEC-3.4.9	Supply of 70W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	400.00
623	ELEC-3.4.10	Supply of 150W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	710.00
624	ELEC-3.4.11	Supply of 150W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	650.00
625	ELEC-3.4.12	Supply of 150W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	600.00
626	ELEC-3.4.13	Supply of 250W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	770.00
627	ELEC-3.4.14	Supply of 250W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	720.00
628	ELEC-3.4.15	Supply of 250W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	680.00
629	ELEC-3.4.16	Supply of 400W SV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	840.00
630	ELEC-3.4.17	Supply of 400W SV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	800.00
631	ELEC-3.4.18	Supply of 400W SV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	780.00
632	ELEC-3.4.19	Supply of 70W double end MH Lamp of makes Wipro	1	No	605.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		/ G.E./ Phillips / Osram.			
633	ELEC-3.4.20	Supply of 70W double end MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	580.00
634	ELEC-3.4.21	Supply of 70W double end MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	530.00
635	ELEC-3.4.22	Supply of 150W double end MH Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	900.00
636	ELEC-3.4.23	Supply of 150W double end MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	850.00
637	ELEC-3.4.24	Supply of 150W double end MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	800.00
638	ELEC-3.4.25	Deleted			
639	ELEC-3.4.26	Supply of 70W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	890.00
640	ELEC-3.4.27	Supply of 70W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	850.00
641	ELEC-3.4.28	Supply of 150W MH Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	990.00
642	ELEC-3.4.29	Supply of 150W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	950.00
643	ELEC-3.4.30	Supply of 150W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	900.00
644	ELEC-3.4.31	Supply of 250W MH Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	1350.00
645	ELEC-3.4.32	Supply of 250W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1200.00
646	ELEC-3.4.33	Supply of 250W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	1100.00
647	ELEC-3.4.34	Supply of 400W MH Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	1540.00
648	ELEC-3.4.35	Supply of 400W MH Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1450.00
649	ELEC-3.4.36	Supply of 400W MH Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	1400.00
650	ELEC-3.4.37	Supply of 80W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	180.00
651	ELEC-3.4.38	Supply of 80W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	160.00
652	ELEC-3.4.39	Supply of 80W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	140.00
653	ELEC-3.4.40	Supply of 125W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	190.00
654	ELEC-3.4.41	Supply of 125W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	170.00
655	ELEC-3.4.42	Supply of 125W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	150.00
656	ELEC-3.4.43	Supply of 250W MV Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	450.00
657	ELEC-3.4.44	Supply of 250W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	420.00
658	ELEC-3.4.45	Supply of 250W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	400.00
659	ELEC-3.4.46	Supply of 400W MV Lamp of makes Wipro / G.E./	1	No	640.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Phillips / Osram.			
660	ELEC-3.4.47	Supply of 400W MV Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	620.00
661	ELEC-3.4.48	Supply of 400W MV Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	600.00
662	ELEC-3.4.49	Supply of 160W MLL Lamp of makes Wipro / G.E./ Phillips / Osram.	1	No	240.00
663	ELEC-3.4.50	Supply of 160W MLL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	220.00
664	ELEC-3.4.51	Supply of 160W MLL Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	200.00
	3.5	NATURE SWITCHES			
665	ELEC-3.5.1	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 3 KW of single phase load.	1	No	10560.00
666	ELEC-3.5.2	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of single phase load.	1	No	11080.00
667	ELEC-3.5.3	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of single phase load.	1	No	12640.00
668	ELEC-3.5.4	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of Three phase load.	1	No	12640.00
669	ELEC-3.5.5	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of Three phase load.	1	No	13680.00
670	ELEC-3.5.6	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 12 KW of Three phase load.	1	No	18360.00
	3.6	INTERNAL LUMINAIRES			
671	ELEC-3.6.1	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Wipro / G.E./ Phillips.	1	No	645.00
672	ELEC-3.6.2	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	550.00
673	ELEC-3.6.3	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Elton / RK / Krishilite / Akhil.	1	No	500.00
674	ELEC-3.6.4	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	660.00
675	ELEC-3.6.5	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / HPL / Surya / Havells.	1	No	570.00
676	ELEC-3.6.6	Supply of 1 x 36/40W Box type tube light luminaire	1	No	520.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil / Million.			
677	ELEC-3.6.7	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	860.00
678	ELEC-3.6.8	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	810.00
679	ELEC-3.6.9	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil / Million.	1	No	700.00
680	ELEC-3.6.10	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1025.00
681	ELEC-3.6.11	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	975.00
682	ELEC-3.6.12	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	800.00
683	ELEC-3.6.13	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1225.00
684	ELEC-3.6.14	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1175.00
685	ELEC-3.6.15	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	980.00
686	ELEC-3.6.16	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	350.00
687	ELEC-3.6.17	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes	1	No	260.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Crompton / Bajaj / Surya / HPL / Havells.			
688	ELEC-3.6.18	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Elton / RK / Ballast Makers / Krishilite / Kumar / Million / Gold Medal / Vimal / Flourcraft / Akhil.	1	No	220.00
689	ELEC-3.6.19	Supply of 1 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1200.00
690	ELEC-3.6.20	Supply of 1 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells with reflector.	1	No	1050.00
691	ELEC-3.6.21	Supply of 1 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Krishilite / Kumar / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	850.00
692	ELEC-3.6.22	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1350.00
693	ELEC-3.6.23	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1150.00
694	ELEC-3.6.24	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Elton / RK / Krishilite / Akhil.	1	No	1020.00
695	ELEC-3.6.25	Supply of 2 x 36/40W surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condencers of makes Wipro / G.E./ Phillips.	1	No	2400.00
696	ELEC-3.6.26	Supply of 2 x 36/40W surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condencers of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	2200.00
697	ELEC-3.6.27	Supply of 2 x 36/40W surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condencers of makes Elton / RK / Krishilite / Akhil.	1	No	1800.00
698	ELEC-3.6.28	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes.Wipro / G.E./ Phillips.	1	No	2600.00
699	ELEC-3.6.29	Supply of 2 x 36/40W Surface / Recessed mounting	1	No	2375.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast, of makes Crompton / Bajaj / Surya / HPL / Havells.			
700	ELEC-3.6.30	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Elton / RK / Ballast Makers / Krishilite / Fixolite / Kumar.	1	No	1975.00
701	ELEC-3.6.31	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condensers of makes Wipro / G.E./ Phillips.	1	No	1485.00
702	ELEC-3.6.32	Supply of Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condensers of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1330.00
703	ELEC-3.6.33	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with VPIT chokes, Starters, Condensers of makes Elton / RK / Krishilite / Kumar.	1	No	1200.00
704	ELEC-3.6.34	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Wipro / G.E./ Phillips.	1	No	1600.00
705	ELEC-3.6.35	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1440.00
706	ELEC-3.6.36	Supply of 2 x 11W CFL Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Elton / RK / Krishilite / Kumar / Style Lamp.	1	No	1296.00
707	ELEC-3.6.37	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with VPIT Choke of makes Wipro / G.E./ Phillips.	1	No	4525.00
708	ELEC-3.6.38	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with VPIT Choke of makes Crompton / Bajaj / Surya / Havells.	1	No	3787.00
709	ELEC-3.6.39	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E./ Phillips.	1	No	4725.00
710	ELEC-3.6.40	Supply of 2 x 36W CFL Paralite louvre (P5) Surface /	1	No	3750.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Recessed low glare Mirror Optic luminaire comprising bright anodised aluminium reflector with Electronic Ballst of makes Crompton / Bajaj / Surya / Havells.			
711	ELEC-3.6.41	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised aluminium reflector with VPIT Choke of makes Wipro / G.E./ Phillips.	1	No	4000.00
712	ELEC-3.6.42	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised aluminium reflector with VPIT Choke of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	3243.00
713	ELEC-3.6.43	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised aluminium reflector with Electronic Ballst of makes Wipro / G.E./ Phillips.	1	No	4200.00
714	ELEC-3.6.44	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised aluminium reflector with Electronic Ballst of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	3250.00
715	ELEC-3.6.45	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded aluminium luminaire with Electronic Ballast and all standard accessories.of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	760.00
716	ELEC-3.6.46	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded aluminium luminaire with Electronic Ballast and all standard accessories.of makes Elliot / Million / Akhil / Gold Medal / Vimal.	1	No	650.00
717	ELEC-3.6.47	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with aluminium/Matt finished reflector with all standard accessories of makes Wipro / G.E./ Phillips.	1	No	900.00
718	ELEC-3.6.48	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with aluminium/Matt finished reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	759.00
719	ELEC-3.6.49	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with aluminium/Matt finished reflector with all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1069.00
720	ELEC-3.6.50	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with aluminium/Matt finished reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1013.00
721	ELEC-3.6.51	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1150.00
722	ELEC-3.6.52	Supply of 1 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of	1	No	1035.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		makes Crompton / Bajaj / Surya / HPL / Havells.			
723	ELEC-3.6.53	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Wipro / G.E./ Phillips.	1	No	1475.00
724	ELEC-3.6.54	Supply of 2 x 13/18W Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1350.00
725	ELEC-3.6.55	Supply of 70W metal hallid down light Recessed mounting with control gear of makes Wipro / G.E./ Phillips.	1	No	2500.00
726	ELEC-3.6.56	Supply of 70W metal hallid down light Recessed mounting with control gear of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	2200.00
727	ELEC-3.6.57	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer Wipro / G.E./ Phillips.	1	No	742.00
728	ELEC-3.6.58	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer of make Crompton / Bajaj / Surya / HPL / Havells.	1	No	668.00
729	ELEC-3.6.59	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Wipro / G.E./ Phillips.	1	No	980.00
730	ELEC-3.6.60	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Crompton / Bajaj / Surya / Havells.	1	No	880.00
731	ELEC-3.6.61	Supply of 9/13W VPIT Ballast for CFL of makes Wipro / G.E./ Phillips.	1	No	140.00
732	ELEC-3.6.62	Supply of 9/13W VPIT Ballast for CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	126.00
733	ELEC-3.6.63	Supply of 9/13W VPIT Ballast for CFL of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	1	No	110.00
734	ELEC-3.6.64	Supply of 18W VPIT Ballast for CFL of makes Wipro / G.E./ Phillips.	1	No	140.00
735	ELEC-3.6.65	Supply of 18W VPIT Ballast for CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	120.00
736	ELEC-3.6.66	Supply of 18W VPIT Ballast for CFL of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	1	No	110.00
737	ELEC-3.6.67	Supply of 20W Copper Wound Ballast of makes Wipro / G.E./ Phillips.	1	No	180.00
738	ELEC-3.6.68	Supply of 20W Copper Wound Ballast of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	160.00
739	ELEC-3.6.69	Supply of 20W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	1	No	145.00
740	ELEC-3.6.70	Supply of 40W Copper Wound Ballast of makes Wipro / G.E./ Phillips.	1	No	180.00
741	ELEC-3.6.71	Supply of 40W Copper Wound Ballast of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	160.00

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742	ELEC-3.6.72	Supply of 40W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	1	No	145.00
743	ELEC-3.6.73	Supply of 18/20W VPIT Ballast Wipro / G.E./ Phillips.	1	No	180.00
744	ELEC-3.6.74	Supply of 18/20W VPIT Ballast Crompton / Bajaj / Surya / HPL / Havells.	1	No	160.00
745	ELEC-3.6.75	Supply of 18/20W VPIT Ballast Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	1	No	145.00
746	ELEC-3.6.76	Supply of 36/40W VPIT Ballast Wipro / G.E./ Phillips.	1	No	210.00
747	ELEC-3.6.77	Supply of 36/40W VPIT Ballast Crompton / Bajaj / Surya / HPL / Havells.	1	No	180.00
748	ELEC-3.6.78	Supply of 36/40W VPIT Ballast Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	170.00
749	ELEC-3.6.79	Supply of 40W Starter of makes Wipro / G.E./ Phillips.	1	No	10.00
750	ELEC-3.6.80	Supply of 40W Starter of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	8.00
751	ELEC-3.6.81	Supply of 40W Starter of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	7.00
752	ELEC-3.6.82	Supply of Rotor holder(FTL) of makes Wipro / G.E./ Phillips.	1	No	20.00
753	ELEC-3.6.83	Supply of Rotor holder(FTL) of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	18.00
754	ELEC-3.6.84	Supply of Rotor holder(FTL) of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	16.00
755	ELEC-3.6.85	Supply of HID Lamp holder of makes Wipro / G.E./ Phillips.	1	No	50.00
756	ELEC-3.6.86	Supply of HID Lamp holder of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	45.00
757	ELEC-3.6.87	Supply of HID Lamp holder of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	1	No	40.00
758	ELEC-3.6.88	Supply of CFL holder of makes Wipro / G.E./ Phillips.	1	No	30.00
759	ELEC-3.6.89	Supply of CFL holder of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	25.00
760	ELEC-3.6.90	Supply of CFL holder of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart	1	No	23.00
761	ELEC-3.6.91	Supply of FTL Starter holder of makes Wipro / G.E./ Phillips.	1	No	14.00
762	ELEC-3.6.92	Supply of FTL Starter holder of makes Crompton / Bajaj / Surya / Havells.	1	No	12.00
763	ELEC-3.6.93	Supply of FTL Starter holder of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	11.00
764	ELEC-3.6.94	Supply of 36W Electronic Ballast for FTL.of makes Wipro / G.E./ Phillips.	1	No	600.00
765	ELEC-3.6.95	Supply of 36W Electronic Ballast for FTL.of makes Crompton / Bajaj / Surya / HPL / Havells / Trinic / Elliot.	1	No	550.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
766	ELEC-3.6.96	Supply of 36W Electronic Ballast for FTL.of makes Akhil / RK / Krishilite / Kumar / Style Lamp / Million / Gold Medal / Vimal.	1	No	500.00
	3.7	FLOURSCENT / CFL LAMPS			
767	ELEC-3.7.1	Supply of 40W-60W Lamp of makes Wipro / G.E./ Phillips.	1	No	12.00
768	ELEC-3.7.2	Supply of 40W-60W Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	11.00
769	ELEC-3.7.3	Supply of 40W-60W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	10.00
770	ELEC-3.7.4	Supply of 100W Lamp of makes Wipro / G.E./ Phillips.	1	No	13.00
771	ELEC-3.7.5	Supply of 100W Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	12.00
772	ELEC-3.7.6	Supply of 100W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	11.00
773	ELEC-3.7.7	Supply of 40W - 60W Milky Lamp of makes Wipro / G.E./ Phillips.	1	No	14.00
774	ELEC-3.7.8	Supply of 40W - 60W Milky Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	13.00
775	ELEC-3.7.9	Supply of 40W - 60W Milky Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	12.00
776	ELEC-3.7.10	Supply of Night Lamp of makes Wipro / G.E./ Phillips.	1	No	11.00
777	ELEC-3.7.11	Supply of Night Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	10.00
778	ELEC-3.7.12	Supply of Night Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	9.00
779	ELEC-3.7.13	Supply of 18/20W fluorescent Lamp of makes Wipro / G.E./ Phillips.	1	No	41.00
780	ELEC-3.7.14	Supply of 18/20W fluorescent Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	39.00
781	ELEC-3.7.15	Supply of 18/20W fluorescent Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	38.00
782	ELEC-3.7.16	Supply of 36/40W fluorescent Lamp of makes Wipro / G.E./ Phillips.	1	No	45.00
783	ELEC-3.7.17	Supply of 36/40W fluorescent Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	40.00
784	ELEC-3.7.18	Supply of 36/40W fluorescent Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	38.00
785	ELEC-3.7.19	Supply of 28W T5 Lamp of makes Crompton / Bajaj / Phillips / Surya / Havells.	1	No	120.00
786	ELEC-3.7.20	Supply of 9W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	1	No	75.00
787	ELEC-3.7.21	Supply of 9W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	70.00
788	ELEC-3.7.22	Supply of 11W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	1	No	80.00
789	ELEC-3.7.23	Supply of 11W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	75.00
790	ELEC-3.7.24	Supply of 13W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	1	No	105.00
791	ELEC-3.7.25	Supply of 13W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	100.00
792	ELEC-3.7.26	Supply of 18W Pin type CFL Lamp of makes Wipro /	1	No	115.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		G.E./ Phillips.			
793	ELEC-3.7.27	Supply of 18W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	110.00
794	ELEC-3.7.28	Supply of 26W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	1	No	160.00
795	ELEC-3.7.29	Supply of 26W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	150.00
796	ELEC-3.7.30	Supply of 36W Pin type CFL Lamp of makes Wipro / G.E./ Phillips.	1	No	135.00
797	ELEC-3.7.31	Supply of 36W Pin type CFL Lamp of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	130.00
798	ELEC-3.7.32	Supply of up to 5W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	1	No	115.00
799	ELEC-3.7.33	Supply of up to 5W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	110.00
800	ELEC-3.7.34	Supply of up to 8W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	1	No	125.00
801	ELEC-3.7.35	Supply of up to 8W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	120.00
802	ELEC-3.7.36	Supply of up to 10/11W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	1	No	135.00
803	ELEC-3.7.37	Supply of up to 10/11W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	130.00
804	ELEC-3.7.38	Supply of up to 13/14W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	1	No	110.00
805	ELEC-3.7.39	Supply of up to 13/14W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	100.00
806	ELEC-3.7.40	Supply of 15W Retrofit tiny CFL of makes Wipro / G.E./ Phillips.	1	No	180.00
807	ELEC-3.7.41	Supply of 15W Retrofit tiny CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	150.00
808	ELEC-3.7.42	Supply of up to 18/20W Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	170.00
809	ELEC-3.7.43	Supply of up to 18/20W Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	150.00
810	ELEC-3.7.44	Supply of 23W Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	200.00
811	ELEC-3.7.45	Supply of 23/25W Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	180.00
812	ELEC-3.7.46	Supply of up to 25/26W Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	200.00
813	ELEC-3.7.47	Supply of up to 25/26W Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	180.00
814	ELEC-3.7.48	Supply of up to 5W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	70.00
815	ELEC-3.7.49	Supply of up to 5W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	65.00
816	ELEC-3.7.50	Supply of up to 7 W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	100.00
817	ELEC-3.7.51	Supply of up to 7 W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	70.00
818	ELEC-3.7.52	Supply of up to 9 W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	100.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
819	ELEC-3.7.53	Supply of up to 9 W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	80.00
820	ELEC-3.7.54	Supply of up to 11W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	110.00
821	ELEC-3.7.55	Supply of up to 11W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	80.00
822	ELEC-3.7.56	Supply of up to 13W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	130.00
823	ELEC-3.7.57	Supply of up to 13W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	115.00
824	ELEC-3.7.58	Supply of up to 18W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	125.00
825	ELEC-3.7.59	Supply of up to 18W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	110.00
826	ELEC-3.7.60	Supply of up to 20W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	200.00
827	ELEC-3.7.61	Supply of up to 20W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	180.00
828	ELEC-3.7.62	Supply of up to 27W Non - Retrofit CFL of makes Wipro / G.E./ Phillips.	1	No	230.00
829	ELEC-3.7.63	Supply of up to 27W Non - Retrofit CFL of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	210.00
	3.8	ENERGY CONSERVING FIXTURES			
830	ELEC-3.8.1	Supply of TRINIC / ELLIOT or its equivalent make 1 x 28W Patty type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube.	1	No	893.00
831	ELEC-3.8.2	Supply of ELLIOT or its equivalent make 1 x 28W Patty type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage and auto restart at normal voltage suitable for 36/40W tube.	1	No	919.00
832	ELEC-3.8.3	Supply of TRINIC / ELLIOT or its equivalent make 1 x 28W Box type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube.	1	No	945.00
833	ELEC-3.8.4	Supply of ELLIOT or its equivalent make 1 x 28W Box type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma 'crest factor total harmonic distortion shall be as per IS Specification with auto cut off at High Voltage and Auto restart at normal	1	No	1024.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		voltage suitable for 36/40W tube.			
834	ELEC-3.8.5	Supply of TRINIC / ELLIOT or its equivalent make Recessed mounted mirror optic luminaire with paralite louvers (P5) suitable for 2 x 36W CFL lamps. Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per the IS Specification with auto cut off at High Voltage suitable for 36/40W tube.	1	No	3623.00
835	ELEC-3.8.6	Supply of ELLIOT or its equivalent make Recessed mounted mirror optic luminaire with paralite louvers (P5) suitable for 2 x 36W CFL lamps. Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per the IS Specification with auto cut off at High Voltage and Auto restart at normal voltage for 36/40W tube.	1	No	3728.00
836	ELEC-3.8.7	Supply of TRINIC / ELLIOT or its equivalent make 28 W Electronic Ballast with auto cut off at High Voltage suitable for FTL.	1	No	675.00
837	ELEC-3.8.8	Supply of ELLIOT or its equivalent make 28 W Electronic Ballast with auto cut off at High Voltage and auto restart at normal voltage suitable for FTL.	1	No	725.00
	3.9	LED LUMINAIRES INDOOR			
838	ELEC-3.9.1	Supply and Transportation of 30W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.			15,000.00
839	ELEC-3.9.2	Supply and Transportation of 30W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.			12,000.00
840	ELEC-3.9.3	Supply and Transportation of 45W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA /			18,700.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
		OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		
841	ELEC-3.9.4	Supply and Transportation of 45W Recessed / Surface mounting 2' x 2' LED luminaire made of sheet steel body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LED 1 watt having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade etc complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		14,000.00
842	ELEC-3.9.5	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 1W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		4,000.00
843	ELEC-3.9.6	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 1W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		3,000.00
844	ELEC-3.9.7	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		7,150.00
845	ELEC-3.9.8	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 9 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		5,000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
846	ELEC-3.9.9	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		2,200.00
847	ELEC-3.9.10	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser in put voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		1,800.00
848	ELEC-3.9.11	Supply and Transportation of 3W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser in put voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		1,200.00
849	ELEC-3.9.12	Supply and Transportation of 3W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating acrylic diffuser in put voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 7 Nos of 2W LED 1 watt having efficacy of > 90 lumens/watt etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		950.00
850	ELEC-3.9.13	Supply and transportation of 4 w LED Drivers		1,390.00
851	ELEC-3.9.14	Supply and transportation of 8 w LED Drivers		1,400.00
852	ELEC-3.9.15	Supply and transportation of indoor cove light LED Drivers of 4 TO 8 mtr rope		2,660.00
		LED TYPE STREET LIGHTS		
853	ELEC-3.9.16	Supply and transportation of 18W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete.		13,500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
		a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		
854	ELEC-3.9.17	Supply and transportation of 18W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		11,000.00
855	ELEC-3.9.18	Supply and transportation of 36W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		22,000.00
856	ELEC-3.9.19	Supply and transportation of 36W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		19,000.00
857	ELEC-3.9.20	Supply and transportation of 60W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete.		35,000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
		a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		
858	ELEC-3.9.21	Supply and transportation of 60W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		30,500.00
859	ELEC-3.9.22	Supply and transportation of 90W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		50,000.00
860	ELEC-3.9.23	Supply and transportation of 90W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / BAJAJ / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.		45,000.00
861	ELEC-3.9.24	Supply and transportation of 120W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete.		67,300.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		a) LUMINAIRE MAKE : PHILLIPS / WIPRO / G.E / BAJAJ RUUD. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.			
862	ELEC-3.9.25	Supply and transportation of 120W LED street light luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED 1 watt having efficacy 90 lumens/watt and junction temperature < 85 degree centigrade of IP 65 with optics, total harmonic distortion less than 10% at 110 Volts AC, driver efficiency >90% and ISO 9001:2008 certificate etc., complete. a) LUMINAIRE MAKE : MIC / CROMPTON GREAVES / AVNI / SURYA / FORTUNE ART. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SEOUL SEMI CONDUCTORS / SAMSUNG.			60,000.00
		SECTION - 4			
	4.1	U.G. CABLES			
863	ELEC-4.1.1	Supply of 4 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	85.00
864	ELEC-4.1.2	Supply of 4 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	72.00
865	ELEC-4.1.3	Supply of 4 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	68.00
866	ELEC-4.1.4	Supply of 6 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	100.00
867	ELEC-4.1.5	Supply of 6 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	86.00
868	ELEC-4.1.6	Supply of 6 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	80.00
869	ELEC-4.1.7	Supply of 10 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	119.00
870	ELEC-4.1.8	Supply of 10 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	103.00
871	ELEC-4.1.9	Supply of 10 Sqmm 2 Core.XLPE PVC armoured aluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	96.00
872	ELEC-4.1.10	Deleted			
873	ELEC-4.1.11	Deleted			
874	ELEC-4.1.12	Deleted			
875	ELEC-4.1.13	Supply of 6 Sqmm 4 Core.XLPE PVC armoured aluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	120.00
876	ELEC-4.1.14	Supply of 6 Sqmm 4 Core.XLPE PVC armoured	1	Mtr	103.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.			
877	ELEC-4.1.15	Supply of 6 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	96.00
878	ELEC-4.1.16	Supply of 10 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	136.00
879	ELEC-4.1.17	Supply of 10 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	118.00
880	ELEC-4.1.18	Supply of 10 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	109.00
881	ELEC-4.1.19	Supply of 16 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	150.00
882	ELEC-4.1.20	Supply of 16 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	129.00
883	ELEC-4.1.21	Supply of 16 Sqmm 4 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	121.00
884	ELEC-4.1.22	Supply of 25 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	191.00
885	ELEC-4.1.23	Supply of 25 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	166.00
886	ELEC-4.1.24	Supply of 25 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	153.00
887	ELEC-4.1.25	Supply of 35 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	228.00
888	ELEC-4.1.26	Supply of 35 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	196.00
889	ELEC-4.1.27	Supply of 35 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	182.00
890	ELEC-4.1.28	Supply of 50 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	301.00
891	ELEC-4.1.29	Supply of 50 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	259.00
892	ELEC-4.1.30	Supply of 50 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	241.00
893	ELEC-4.1.31	Supply of 70 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	389.00
894	ELEC-4.1.32	Supply of 70 Sqmm 3.5 Core.XLPE PVC armoured	1	Mtr	336.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.			
895	ELEC-4.1.33	Supply of 70 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	312.00
896	ELEC-4.1.34	Supply of 95 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	506.00
897	ELEC-4.1.35	Supply of 95 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	437.00
898	ELEC-4.1.36	Supply of 95 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	406.00
899	ELEC-4.1.37	Supply of 120 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	619.00
900	ELEC-4.1.38	Supply of 120 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	536.00
901	ELEC-4.1.39	Supply of 120 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	497.00
902	ELEC-4.1.40	Supply of 150 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	705.00
903	ELEC-4.1.41	Supply of 150 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	609.00
904	ELEC-4.1.42	Supply of 150 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	567.00
905	ELEC-4.1.43	Supply of 185 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	864.00
906	ELEC-4.1.44	Supply of 185 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	746.00
907	ELEC-4.1.45	Supply of 185 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab / SPM.	1	Mtr	693.00
908	ELEC-4.1.46	Supply of 240 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	1097.00
909	ELEC-4.1.47	Supply of 240 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	947.00
910	ELEC-4.1.48	Supply of 240 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab.	1	Mtr	881.00
911	ELEC-4.1.49	Supply of 300 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	1341.00
912	ELEC-4.1.50	Supply of 300 Sqmm 3.5 Core.XLPE PVC armoured	1	Mtr	1158.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.			
913	ELEC-4.1.51	Supply of 300 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab.	1	Mtr	1076.00
914	ELEC-4.1.52	Supply of 400 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Torrent / Nicco / Universal / CCI / Fortune Art EBXL.	1	Mtr	1680.00
915	ELEC-4.1.53	Supply of 400 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Polycab / RPG / Finolex / Havells / Paragon / V-Guard.	1	Mtr	1451.00
916	ELEC-4.1.54	Supply of 400 Sqmm 3.5 Core.XLPE PVC armoured alluminium cable of makes Finecab / Suncab / Delton / Payal / Gemscab.	1	Mtr	1348.00
		11 KV H.T. XLPE CABLES			
917	ELEC-4.1.55	Supply of 3 Core 11 KV 35 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Nicco / Universal / CCI/ Polycab.			558.00
918	ELEC-4.1.56	Supply of 3 Core 11 KV 50 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Nicco / Universal / CCI/ Polycab.			632.00
919	ELEC-4.1.57	Supply of 3 Core 11 KV 70 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Nicco / Universal / CCI/ Polycab.			755.00
920	ELEC-4.1.58	Supply of 3 Core 11 KV 95 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Nicco / Universal / CCI/ Polycab.			900.00
921	ELEC-4.1.59	Supply of 3 Core 11 KV 120 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Nicco / Universal / CCI/ Polycab.			1022.00
922	ELEC-4.1.60	Supply of 3 Core 11 KV 150 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Nicco / Universal / CCI/ Polycab.			1155.00
923	ELEC-4.1.61	Supply of 3 Core 11 KV 185 Sqmm HT XLPE (E) armoured Cable. As per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Nicco / Universal / CCI/ Polycab.			1365.00
	4.2	CABLE GLANDS			
924	ELEC-4.2.1	Deleted			
925	ELEC-4.2.2	Deleted			
926	ELEC-4.2.3	Deleted			
927	ELEC-4.2.4	Deleted			
928	ELEC-4.2.5	Deleted			
929	ELEC-4.2.6	Deleted			
930	ELEC-4.2.7	Deleted			
931	ELEC-4.2.8	Deleted			
932	ELEC-4.2.9	Deleted			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
933	ELEC-4.2.10	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 185Sqmm with brass washers complete.	1	No	300.00
934	ELEC-4.2.11	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 240Sqmm with brass washers complete.	1	No	450.00
935	ELEC-4.2.12	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 300Sqmm with brass washers complete.	1	No	530.00
936	ELEC-4.2.13	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable for 400Sqmm with brass washers complete.	1	No	600.00
937	ELEC-4.2.14	Supply and Fixing of single compression brass cable glands for 4 core PVC armoured cable up to 16.0 Sq.mm with brass washers complete.	1	No	86.00
938	ELEC-4.2.15	Supply and Fixing of single compression brass cable glands for 3.5 core PVC armoured cable from 25 Sqmm to 50.0 Sq.mm with brass washers complete.	1	No	126.00
939	ELEC-4.2.16	Supply and Fixing of Single compression brass cable glands for 3.5 core PVC armoured cable from 70 Sqmm to 150.0 Sq.mm with brass washers complete.	1	No	242.00
	4.3	LUGS			
940	ELEC-4.3.1	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections.	1	No	20.00
941	ELEC-4.3.2	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections.	1	No	27.00
942	ELEC-4.3.3	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections.	1	No	30.00
943	ELEC-4.3.4	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections.	1	No	36.00
944	ELEC-4.3.5	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections.	1	No	50.00
945	ELEC-4.3.6	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections.	1	No	59.00
946	ELEC-4.3.7	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections.	1	No	80.00
947	ELEC-4.3.8	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections.	1	No	94.00
948	ELEC-4.3.9	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections.	1	No	135.00
949	ELEC-4.3.10	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections.	1	No	195.00
950	ELEC-4.3.11	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 300 Sq.mm	1	No	258.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		including nuts and bolts with connections.			
951	ELEC-4.3.12	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections.	1	No	380.00
952	ELEC-4.3.13	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections.	1	No	11.00
953	ELEC-4.3.14	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections.	1	No	13.00
954	ELEC-4.3.15	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections.	1	No	15.00
955	ELEC-4.3.16	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections.	1	No	18.00
956	ELEC-4.3.17	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections.	1	No	23.00
957	ELEC-4.3.18	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections.	1	No	25.00
958	ELEC-4.3.19	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections.	1	No	32.00
959	ELEC-4.3.20	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections.	1	No	37.00
960	ELEC-4.3.21	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections.	1	No	42.00
961	ELEC-4.3.22	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections.	1	No	65.00
962	ELEC-4.3.23	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections.	1	No	85.00
963	ELEC-4.3.24	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections.	1	No	110.00
	4.4	CABLE JOINTS			
964	ELEC-4.4.1	Deleted			
965	ELEC-4.4.2	Deleted			
966	ELEC-4.4.3	Deleted			
967	ELEC-4.4.4	Deleted			
968	ELEC-4.4.5	Deleted			
969	ELEC-4.4.6	Deleted			
970	ELEC-4.4.7	Deleted			
971	ELEC-4.4.8	Deleted			
972	ELEC-4.4.9	Deleted			
973	ELEC-4.4.10	Deleted			
974	ELEC-4.4.11	Deleted			
975	ELEC-4.4.12	Deleted			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
976	ELEC-4.4.13	Deleted		
977	ELEC-4.4.14	Deleted		
978	ELEC-4.4.15	Deleted		
		HEAT SHRINKABLE LT CABLE JOINTS		
979	ELEC-4.4.16	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 2.5 to 16 Sqmm. Makes Raychem.		543.00
980	ELEC-4.4.17	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 25 to 50 Sqmm. Makes Raychem.		683.00
981	ELEC-4.4.18	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 70 to 150 Sqmm. Makes Raychem.		753.00
982	ELEC-4.4.19	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 185 to 300 Sqmm. Makes Raychem.		954.00
983	ELEC-4.4.20	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. OVC Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 400 Sqmm. Makes Raychem.		1,135.00
		3 CORE 11 KV HT CABLE STRAIGHT THROUGH JOINTS		
984	ELEC-4.4.21	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, PVC Armoured cable 1100V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 16 to 35Sqmm.Makes Raychem.		13,700.00
985	ELEC-4.4.22	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, PVC Armoured cable 1100V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 50 to 95Sqmm.Makes Raychem.		16,450.00
986	ELEC-4.4.23	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, PVC Armoured cable 1100V grade complete with necessary		20,925.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 120 to 185Sqmm.Makes Raychem.			
		HT END TERMINATION KITS			
987	ELEC-4.4.24	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete.Makes Raychem.			7,464.00
988	ELEC-4.4.25	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete.Makes Raychem.			7,564.00
989	ELEC-4.4.26	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete.Makes Raychem.			8,113.00
990	ELEC-4.4.27	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete.Makes Raychem.			11,320.00
991	ELEC-4.4.28	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete.Makes Raychem.			11,420.00
992	ELEC-4.4.29	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete.Makes Raychem.			12,500.00
	4.5	DOUBLE WALLED CORRUGATED HDPE PIPE			
993	ELEC-4.5.1	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 50mm and Inner dia 38mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	92.00
994	ELEC-4.5.2	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 63mm and Inner dia 51mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	118.00
995	ELEC-4.5.3	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 78mm and Inner dia 63mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	144.00
996	ELEC-4.5.4	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 90mm and Inner dia 76mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	155.00
997	ELEC-4.5.5	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 120mm and Inner dia 103.50mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	241.00
998	ELEC-4.5.6	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 160mm and Inner	1	Mtr	358.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		dia 136mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.			
999	ELEC-4.5.7	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 180mm and Inner dia 152mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	470.00
1000	ELEC-4.5.8	Supply and Transportation of DURA LINE (Dura Guard) or its equivalent make of Outer dia 200mm and Inner dia 170mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II.	1	Mtr	548.00
	4.6	CABLE TRAYS			
1001	ELEC-4.6.1	Supply and Installation of 600mm x 75mm x 2mm thick hot dip GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	1300.00
1002	ELEC-4.6.2	Supply and Installation of 600mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	960.00
1003	ELEC-4.6.3	Supply and Installation of 450mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	845.00
1004	ELEC-4.6.4	Supply and Installation of 300mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	725.00
1005	ELEC-4.6.5	Supply and Installation of 600mm x 75mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	577.00
1006	ELEC-4.6.6	Supply and Installation of 750mm x 75mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the	1	Mtr	616.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.			
1007	ELEC-4.6.7	Supply and Installation of 600mm x 100mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	660.00
1008	ELEC-4.6.8	Supply and Installation of 750mm x 100mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the stone masonry wall by providing hole in the wall where ever necessary and also including necessary masonry work etc., complete.	1	Mtr	711.00
		Note: Perforated cable trays provided without cover 30% may be deducted from above rates.			
		SECTION - 5			
	5.1	FANS			
1009	ELEC-5.1.1	Supply of 48" (1200mm) Sweep Ceiling Fan without Regulator.of makes Crompton High Speed / Bajaj Ultima / Havells Velocity / Usha Astra / Orient Summer Pride.	1	No	1400.00
1010	ELEC-5.1.2	Supply of 48" (1200mm) Sweep Ceiling Fan without Regulator.of makes Crompton Decora / Bajaj G Gold / Havells Deco / Usha Striker / Orient PSPO.	1	No	1500.00
1011	ELEC-5.1.3	Supply of 48" (1200mm) Sweep Ceiling Fan without Regulator.of makes Crompton / Bajaj / Orient /Usha with 5 Star rating.	1	No	1600.00
1012	ELEC-5.1.4	Supply of 56" (1400mm) Sweep Ceiling Fan without Regulator.of makes Crompton High Speed / Bajaj Ultima / Havells Velocity / Usha Astra / Orient Summer Pride.	1	No	1550.00
1013	ELEC-5.1.5	Supply of 56" (1400mm) Sweep Ceiling Fan without Regulator.of makes Crompton Decora / Bajaj G Gold / Havells Deco / Usha Striker / Orient PSPO.	1	No	1700.00
1014	ELEC-5.1.6	Supply of 56" (1400mm) Sweep Ceiling Fan without Regulator.of makes Crompton Aura / Bajaj R Gold / Havells Festiva / Usha Premium.	1	No	1750.00
1015	ELEC-5.1.7	Supply of 16" (400mm) Wall mounted Fan of makes Crompton SDX Gold / Bajaj Victor / Havells Remote / Usha / Orient.	1	No	2045.00
1016	ELEC-5.1.8	Supply of 16" (400mm) Pedestal Fan of makes Crompton SDX Gold / Bajaj Victor / Havells Remote / Usha / Orient.	1	No	2360.00
1017	ELEC-5.1.9	Supply of 18" (450mm) Air Circulators of makes Crompton / Bajaj / Havells / Orient / Almounard.	1	No	5500.00
1018	ELEC-5.1.10	Supply of 24" (600mm) Air Circulators of makes Crompton / Bajaj / Havells / Orient / Almounard.	1	No	6000.00
1019	ELEC-5.1.11	Supply of 12" (300mm) Cabin fan of makes Crompton / Bajaj / Havells / Orient.	1	No	1305.00
1020	ELEC-5.1.12	Supply of 12" (300mm) ISI, Fresh Air fan of makes	1	No	1100.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Crompton / Bajaj / Havells / Orient.			
1021	ELEC-5.1.13	Supply of 9" (225mm) ISI, Fresh Air fan of makes Crompton / Bajaj / Havells / Orient.	1	No	1150.00
1022	ELEC-5.1.14	Supply of 12" (300mm)ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Bajaj / Havells / Orient.	1	No	2300.00
1023	ELEC-5.1.15	Supply of 15" (375mm)ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Bajaj / Havells / Orient.	1	No	2800.00
1024	ELEC-5.1.16	Supply of 18" (450mm)ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Bajaj / Havells / Orient.	1	No	3500.00
	5.2	WATER HEATERS			
1025	ELEC-5.2.1	Supply of 25 Ltrs Geyser with Copper tank with Metal body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	1	No	6960.00
1026	ELEC-5.2.2	Supply of 35 Ltrs Geyser with Copper tank with Metal body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	1	No	8000.00
1027	ELEC-5.2.3	Supply of 25 Ltrs Geyser with Copper tank with ABS Plastic body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	1	No	8050.00
1028	ELEC-5.2.4	Supply of 35 Ltrs Geyser with Copper tank with ABS Plastic body of makes Venus / Bajaj / Racold / Usha / Crompton / V-Guard.	1	No	9950.00
	5.3	ACCESSORIES FOR WATER HEATERS			
1029	ELEC-5.3.1	Heating element of 1.5 / 2.0 / 3.0 KW.	1	No	330.00
1030	ELEC-5.3.2	Supply of thermostat with range 30 ⁰ to 90 ⁰ C.Adjustable and suitable for 25 to 50 Ltrs. Capacity.	1	No	200.00
1031	ELEC-5.3.3	Supply of pressure release valve for water heater of 15 to 50 Ltrs.capacity.	1	No	200.00
1032	ELEC-5.3.4	Flexible Nylon / PVC Metallic hose pipe	1	No	110.00
	5.4	ACCESSORIES FOR MOTORS			
1033	ELEC-5.4.1	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With SS encloser comprising of contactor with bi-metalic relay with necessary push buttons, etc., complete .	1	No	780.00
1034	ELEC-5.4.2	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil and overload protection with necessary materials, etc., complete suitable upto 7.5.HP.	1	No	1450.00
1035	ELEC-5.4.3	Supply & Fixing of Semi automatic star / delta starter suitable for 10 HP to 12.5 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	1	No	4500.00
1036	ELEC-5.4.4	Supply & Fixing of Semi automatic star / delta starter suitable for 15 HP to 25 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	1	No	7000.00
1037	ELEC-5.4.5	Supply & Fixing of Automatic star / delta starter suitable for 10 HP to 12.5 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	1	No	5760.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
1038	ELEC-5.4.6	Supply & Fixing of Automatic star / delta starter suitable up to 15 HP Induction Motor totally enclosed with over load protection and no volt relay etc., complete.	1	No	6097.00
1039	ELEC-5.4.7	Single phasing preventer connected to A.C. supply upto 45A range.	1	No	2106.00
1040	ELEC-5.4.8	Motor Cover made with GI sheet of 18SWG for protection from rain complete.	1	No	45.00
		SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS			
1041	ELEC-5.4.9	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			13100.00
1042	ELEC-5.4.10	Supply and Transportation of 1.00HP 9 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			14100.00
1043	ELEC-5.4.11	Supply and Transportation of 1.00HP 13 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			14700.00
1044	ELEC-5.4.12	Supply and Transportation of 1.50HP 19 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			17300.00
1045	ELEC-5.4.13	Supply and Transportation of 2.00HP 25 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			21400.00
		THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.			
1046	ELEC-5.4.14	Supply and Transportation of 3.00HP 18 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			18800.00
1047	ELEC-5.4.15	Supply and Transportation of 3.00HP 26 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			19500.00
1048	ELEC-5.4.16	Supply and Transportation of 3.00HP 32 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			23600.00
1049	ELEC-5.4.17	Supply and Transportation of 5.00HP 27 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			24800.00
1050	ELEC-5.4.18	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			27200.00
1051	ELEC-5.4.19	Supply and Transportation of 5.00HP 52 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.			30200.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
1052	ELEC-5.4.20	Supply and Transportation of 5.00HP 17 Stage Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		29700.00
1053	ELEC-5.4.21	Supply and Transportation of 7.5HP 8 Stage Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		29700.00
1054	ELEC-5.4.22	Supply and Transportation of 7.5HP 20 Stage Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		34000.00
		SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS.		
1055	ELEC-5.4.23	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		9400.00
1056	ELEC-5.4.24	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		10600.00
1057	ELEC-5.4.25	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		13600.00
		THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS.		
1058	ELEC-5.4.26	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65/50) Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		13200.00
1059	ELEC-5.4.27	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75/65) Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		16200.00
1060	ELEC-5.4.28	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100/75) Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		19300.00
		SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.		
1061	ELEC-5.4.29	Supply and Transportation of 0.5HP Single phase ISI Mono block motor pumpset (25x25mm). Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		4100.00
1062	ELEC-5.4.30	Supply and Transportation of 1.0HP Single phase ISI Mono block motor pumpset (25x25mm). Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		5800.00
1063	ELEC-5.4.31	Supply and Transportation of 1.5HP Single phase ISI Mono block motor pumpset (32x25mm). Makes: Kirloskar / Crompton / CRI / L&T / Texmo / Varsha.		7900.00
		CONTROL PANEL BOARD FOR MOTORS		
1064	ELEC-5.4.32	Supply and Transportation of Direct - on - Line LTLK / SIEMENS / CROMPTON make starters fitted in sheet metal box size of 265 x 295 x 110mm suitable enclosure for single phase motors up to 3 HP at 220V 50Hz operating range between 80 to 240 Volts with starting and running capacitors assembled with ISI mark contactors and fitted with Legrand make ISI		4800.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		mark MCB etc., complete.			
1065	ELEC-5.4.33	Supply and Transportation of Direct - on - Line LTLK / SIEMENS / CROMPTON make starters fitted in sheet metal box size of 265 x 295 x 110mm suitable enclosure for 3 phase motors up to 5 HP at 415V 50Hz fitted with all equipments with suitable ISI mark LTLK / Crompton make Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.			9000.00
1066	ELEC-5.4.34	Supply and Transportation of Direct - on - Line LTLK / SIEMENS / CROMPTON make starters fitted in sheet metal box size of 265 x 295 x 110mm suitable enclosure for 3 phase motors up to 7.5 HP at 415V 50Hz fitted with all equipments with suitable ISI mark LTLK / Crompton make Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.			10500.00
1067	ELEC-5.4.35	Supply and Transportation of Fully Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 7.5HP and up to 12.5HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.			17500.00
1068	ELEC-5.4.36	Supply and Transportation of Semi Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 7.5HP and up to 12.5HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.			16500.00
1069	ELEC-5.4.37	Supply and Transportation of Fully Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 12.5HP and up to 120HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.			19500.00
1070	ELEC-5.4.38	Supply and Transportation of Semi Automatic Star Delta Motor Starters fitted in CRCA sheet steel enclosure suitable for 3 Phase 415V, 50Hz AC Motor Pump set above 12.5HP and up to 120HP with ISI marked LTLK / SIEMENS / CROMPTON suitable Capacitor and Single Pahse preventor with Legrand make ISI mark MCB etc., complete.			18500.00
	5.5	REPAIRS TO AIR CONDITIONERS			
1071	ELEC-5.5.1	Supply, Fabrication of well seasoned T.W frame of size 27" x 19" (with 3"x4" size TW) for 1.0 / 1.5 / 2.0 Ton Window A.C.Unit.	1	No	1065.00
1072	ELEC-5.5.2	Providing Copper tubing between indoor and outdoor unit for split Air-Conditioner including foaming etc., complete.	1	Mtr	550.00
1073	ELEC-5.5.3	Supply of 1.0 / 1.5 Ton brand new Rotary type sealed compressor.	1	No	8150.00

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1074	ELEC-5.5.4	Supply of 2.0 Ton brand new Rotary type sealed compressor.	1	No	9250.00
1075	ELEC-5.5.5	Multi speed Fan Motor suitable for 1.0 / 1.5 / 2.0 Ton Window A.C.Unit of makes Crompton / AU.	1	No	1250.00
1076	ELEC-5.5.6	Fan motor capacitor 6 mfd by new capacitor for A.C machine of 1.0 1.5 / Ton Capacity.	1	No	156.00
1077	ELEC-5.5.7	Thermostat switch suitable for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	1	No	410.00
1078	ELEC-5.5.8	Starting capacitor of 80 to 120 mfd. by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C. Unit.	1	No	180.00
1079	ELEC-5.5.9	Running capacitor of 36 mfd by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C.Unit.	1	No	220.00
1080	ELEC-5.5.10	Relay by approved make having pickup voltage 220 Volts and dropout voltage 120 Volts suitable for 1.0 / 1.50 Ton A.C. Unit.	1	No	225.00
1081	ELEC-5.5.11	Filter and capillary tube including welding etc., complete for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	1	No	485.00
1082	ELEC-5.5.12	Air filter suitable for 1.50 Ton Window A.C.Unit P.V.C. / NYLON.	1	No	225.00
1083	ELEC-5.5.13	Air filter suitable for 1.50 Ton Split A.C.Unit P.V.C. / NYLON.	1	No	475.00
1084	ELEC-5.5.14	Rewiring the entire Window type 1.50 Ton A.C.unit with 2.5 Sq.mm Flexible copper cable and putting the same in working conditions.	1	No	325.00
1085	ELEC-5.5.15	Overhauling and servicing the Window type 1.0 / 1.5 Ton A.C. Machine by Cleaning the condensor cooling Coil etc., by blower and oiling the Fan Motor and Cleaning all parts and putting the machine in working condition.	1	No	350.00
1086	ELEC-5.5.16	Fan blade for 1.0 / 1.5 Ton A.C.Machine.	1	No	160.00
1087	ELEC-5.5.17	Grill of 1.0 / 1.5 ton A.C. Machine (for assembled Units).	1	No	427.00
1088	ELEC-5.5.18	Grill of 1.0 / 1.5 ton A.C. Machine of branded units.	1	No	1700.00
1089	ELEC-5.5.19	Rotary / Selector switch by new one.	1	No	115.00
1090	ELEC-5.5.20	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.0/ 1.5 /2.0 Ton Window A.C.Unit.	1	No	1500.00
1091	ELEC-5.5.21	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.5 /2.0 Ton Split A.C.Unit.	1	No	2100.00
1092	ELEC-5.5.22	Spray painting of Refrigerator using good quality paint after scraping the surface etc.	1	No	720.00
1093	ELEC-5.5.23	New sealed compressor of 1/8 HP suitable for 165 to 185 Ltrs. Capacity Refrigerator.	1	No	3100.00
1094	ELEC-5.5.24	Sealed compressor of 1/6 HP suitable for 285 / 310 Ltrs. Capacity Refrigerator.	1	No	3750.00
1095	ELEC-5.5.25	Supply of fan motor by new 1/10 to 1/12 H.P 1250 RPM fan motor for Water Cooler of 80-150 Ltrs.	1	No	1590.00
1096	ELEC-5.5.26	Bush for fan motor of 80-150 Lts.	1	No	125.00
1097	ELEC-5.5.27	Fan hook of 12/15mm dia M.S. rod / bar	1	No	20.00

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1098	ELEC-5.5.28	19/20mm steel tube down rod of 1 meter length.	1	No	60.00
1099	ELEC-5.5.29	Resistance type regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board.	1	No	40.00
		SPLIT AIR CONDITIONERS			
1100	ELEC-5.5.30	Supply of 1.5 Ton 3 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Bluestar 3HWE181YB / Carrier DuraKool / Hitachi - RAU 01 8K QDD / Samsung - AS 183 TGA make)	1	No	27,950.00
1101	ELEC-5.5.31	Supply of 1.5 Ton 4 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Carrier Durakool Plus / Samsung - AS 18 EFB(crystal wine) make)	1	No	30,500.00
1102	ELEC-5.5.32	Supply of 1.5 Ton 5 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Carrier DuraKool Star / Blue Star SHWE 181 YB / Hitachi RAU018 GPD / Samsung - AS 18 EXA Vivace Plus (Crystal Black) make)	1	No	35,500.00
1103	ELEC-5.5.33	Supply of 2.0 Ton 2 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Carrier DuraKool Plus / Panasonic - CS - PC 24 JKY make)	1	No	34,250.00
1104	ELEC-5.5.34	Supply of 2.0 Ton 3 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 suitable for operation	1	No	35,790.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Bluestar 3HWE241YB / LG-LSA 6BW3 NT1 make)			
1105	ELEC-5.5.35	Supply of 2.0 Ton 4 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Bluestar / Carrier Dura Kool Star / Hitachi make)	1	No	38,000.00
1106	ELEC-5.5.36	Supply of 1.5 Ton 3 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Daikin FTE 50 / 'O' General / Thoshiba Make)	1	No	33,800.00
1107	ELEC-5.5.37	Supply of 1.5 Ton 5 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Daikin FT 50G / 'O' General / Thoshiba Make)	1	No	39,680.00
1108	ELEC-5.5.38	Supply of 1.8 / 2.0 Ton 1 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Daikin FTE 60 / 'O' General / Thoshiba Make)	1	No	39,000.00
1109	ELEC-5.5.39	Supply of 1.8 / 2.0 Ton 4 Star Model capacity split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating	1	No	45,800.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length.(Daikin FT 60 G / 'O' General / Thoshiba Make)			
		WINDOW AIR CONDITIONERS			
1110	ELEC-5.5.40	Supply of 1.5 Ton 2 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Durakool / Hitachi make)	1	No	19,250.00
1111	ELEC-5.5.41	Supply of 1.5 Ton 3 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Estrella / Hitachi make)	1	No	24,500.00
1112	ELEC-5.5.42	Supply of 2.0 Ton 1 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply with remote and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Durakool / Hitachi make)	1	No	24,490.00
1113	ELEC-5.5.43	Supply of 2.0 Ton 1 Star Model capacity Window AC unit with Hermetically sealed rotary type compressor operating on refrigerant R-22 suitable for operation on 230V, 50Hz, 1Phase AC supply and capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units. (Bluestar / Carrier Durakool / Hitachi make)	1	No	22,990.00
		STABILIZERS			
1114	ELEC-5.5.44	Supply of 0.5 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	990.00
1115	ELEC-5.5.45	Supply of 0.5 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	810.00
1116	ELEC-5.5.46	Supply of 1.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	1805.00
1117	ELEC-5.5.47	Supply of 1.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	1615.00
1118	ELEC-5.5.48	Supply of 3.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	2500.00
1119	ELEC-5.5.49	Supply of 3.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	2300.00
1120	ELEC-5.5.50	Supply of 4.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	3325.00
1121	ELEC-5.5.51	Supply of 4.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	3135.00
1122	ELEC-5.5.52	Supply of 5.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	4002.00
1123	ELEC-5.5.53	Supply of 5.0 KVA Stabilizer of make Keeline / Soft	1	No	3806.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		Line / Capri.			
	5.6	REPAIRS TO MOTORS AND REWINDING, BEARINGS			
1124	ELEC-5.6.1	Bearing of approved make for electric motor single phase / 3 phase AC upto 1 HP of all types.	1	No	179.00
1125	ELEC-5.6.2	Bearing of approved make for electric motor single phase / 3 phase AC upto 2 to 3 HP of all types.	1	No	231.00
1126	ELEC-5.6.3	Bearing of approved make for electric motor single phase / 3 phase AC upto 5 to 7.5 HP of all types.	1	No	306.00
1127	ELEC-5.6.4	Bearing of approved make for electric motor single phase / 3 phase AC upto 10 to 12.5 HP of all types.	1	No	319.00
1128	ELEC-5.6.5	Bearing of approved make for electric motor single phase / 3 phase AC upto 15 to 20 HP of all types.	1	No	489.00
1129	ELEC-5.6.6	Bearing of table / cabin / pedestal / ceiling / exhaust fan complete with alignment of shaft and tested.	1	No	84.00
1130	ELEC-5.6.7	Bearing of bush / rubber / ring washers complete with alignment of shaft and tested.	1	No	40.00
1131	ELEC-5.6.8	Capacitor of table / cabin / pedestal / ceiling / exhaust fan complete.	1	No	38.00
1132	ELEC-5.6.9	EICHER model 11:10 with 100 H. P direct injection 4 stroke engine with one spare wheel 3800 mm cabin high deck with jangla (full body) (4 wheeler) for generator	1	No	795069.00
1133	ELEC-5.6.10	Deleted			
1134	ELEC-5.6.11	Deleted			
1135	ELEC-5.6.12	Deleted			
1136	ELEC-5.6.13	Deleted			
1137	ELEC-5.6.14	Deleted			
	6.1	SWAGED POLES / OCTOGONAL POLES, GARDEN POSTS AND ACCESSORIES			
1138	ELEC-6.1.1	Fabrication, supply and transportation of all sizes swaged poles up to site confirming to IS 2713 / 1980 specifications. The pole should be painted with primary coat of red oxide and black bituminous paint up to ground level with base plate, including cost of all materials etc., complete.(Rate per K. G)	1	Kg	65.00
1139	ELEC-6.1.2	Fabrication and Supply of M.S. Poles for garden posts with 'B' class 60.25mm outer dia with base plate and suitable pole cap including cost and conveyance of all material including fixing of luminaire and labour charges etc., complete. (Rate per K. G)	1	Kg	60.00
1140	ELEC-6.1.3	Supply of different sizes of M. S. Pipe brackets (Rate per K.G)	1	Kg	60.00
1141	ELEC-6.1.4	Fabrication, Transportation and supply of hot-dip galvanized Octagonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes Bajaj / Aster /TRANSRAIL / Surya.	1	No	8962.00

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1142	ELEC-6.1.5	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes Bajaj / Aster / TRANSRAIL / Surya.	1	No	13234.00
1143	ELEC-6.1.6	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 285 x 285 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes Bajaj / Aster /TRANSRAIL / Surya.	1	No	14504.00
1144	ELEC-6.1.7	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200 mm,. Top 100mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes Bajaj / Aster /TRANSRAIL / Surya.	1	No	23185.00
1145	ELEC-6.1.8	Fabrication, Transportation and supply of 1.0 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	1125.00
1146	ELEC-6.1.9	Fabrication, Transportation and supply of 1.50 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	1485.00
1147	ELEC-6.1.10	Fabrication, Transportation and supply of 1 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	1296.00
1148	ELEC-6.1.11	Fabrication, Transportation and supply of 1.50 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	2295.00
1149	ELEC-6.1.12	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm dia and top 100mm dia, base plate of size 290mmx290mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs	1	No	22050.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		sword type decorative double arm bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Aster / TRANSRAIL / Surya.			
1150	ELEC-6.1.13	Foundation and erection charges for 9 mtrs / 10 Mtrs long Octagonal/Conical pole duly erecting on base plate 290mm x 290mm x 16mm thick duly providing 4 Nos. foundation bolts with nuts with providing of M20 c.c work vibrated concreting mixing with necessary steel (38kgs) reinforcement as directed by the field engineers during execution including all labour charges and cost and conveyance of materials etc. complete.	1	No	4500.00
1151	ELEC-6.1.14	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes Bajaj / Aster / TRANSRAIL / Surya.	1	No	86998.00
1152	ELEC-6.1.15	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes Bajaj / Aster / TRANSRAIL / Surya.	1	No	124888.00
1153	ELEC-6.1.16	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick	1	No	155792.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes Bajaj / Aster / TRANSRAIL / Surya.			
1154	ELEC-6.1.17	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 40A TP MCB, 6 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work.	1	No	26744.00
1155	ELEC-6.1.18	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 63A TP MCB, 8 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work.	1	No	28215.00
1156	ELEC-6.1.19	Earth work excavation with a approximate quantity of 4.0 Cum for erection of 12 Mtrs high mast and refilling with a quantity of 0.53 Cum of PCC 1:4:8, 1.50 Cum M 20 grade concrete and (80 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carriage etc complete.	1	No	28073.00
1157	ELEC-6.1.20	Earth work excavation with a approximate quantity of 6.0 Cum for erection of 16 Mtrs high mast and refilling with a quantity of 0.65 Cum of PCC 1:4:8, 2.60 Cum M 20 grade concrete and (110 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carriage etc complete.	1	No	35794.00
1158	ELEC-6.1.21	Earth work excavation with a approximate quantity of 7.0 Cum for erection of 20 Mtrs high mast and refilling with a quantity of 0.75 Cum of PCC 1:4:8, 3.60 Cum M 20 grade concrete and (140 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carriage etc complete.	1	No	45551.00
1159	ELEC-6.1.22	Fabrication, transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with			17313.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs sword type decorative single arm bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Aster /TRANSRAIL / Surya.			
1160	ELEC-6.1.23	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs C type decorative single arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Aster / TRANSRAIL / Surya.	1	No	13500.00
1161	ELEC-6.1.24	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs C type decorative Double arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Aster / TRANSRAIL / Surya.	1	No	15500.00
	6.2	CONTROL PANEL BOARD			
1162	ELEC-6.2.1	Fabrication and erection of 14SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1	sq. inch	2.25
1163	ELEC-6.2.2	Fabrication and erection of 16 SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1	sq. inch	2.00
1164	ELEC-6.2.3	Fabrication and erection of 18SWG CRCA sheet steel	1	sq.	1.80

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.		inch	
	6.3	METERING EQUIPMENT			
1165	ELEC-6.3.1	Supply and erection of 0-415V volt Digital meter of size 96x96mm on existing box / panel board including connections etc., complete.CONZERV/AE/MECO/ HPL MAKE.	1	No	2500.00
1166	ELEC-6.3.2	Supply and erection of 0-415V volt Analog meter of size 96x96mm on existing box / panel board including connections etc., complete.CONZERV/AE/MECO/ HPL MAKE.	1	No	450.00
1167	ELEC-6.3.3	Supply and erection of 0-100 / 200 / 400 / 600 /1000 - 5A CT Digital Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	1	No	2500.00
1168	ELEC-6.3.4	Supply and erection of 0-100 / 200 / 400 / 600 /1000 - 5A CT Analog Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	1	No	450.00
1169	ELEC-6.3.5	Supply and erection of Digital frequency meter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	1	No	4556.00
1170	ELEC-6.3.6	Supply and erection of Digital power factor meter, 3 phase, 4 wire balanced or unbalanced load 5A, 415V of size 96x96mm on existing box / panel board including connections etc., complete. CONZERV/AE/MECO/ HPL MAKE.	1	No	2700.00
1171	ELEC-6.3.7	Supply and erection of L.T. 3phase Analog multifunction energy meter with 3 lines LCD display of size 96x96mm for measuring all the parameters (voltage / Current / Power / frequency / power factor / kw / kwh / KVAR/ KVARH/) on existing box panel board including connections etc., complete.(HPL/Conzerv/AE makes)	1	No	10023.00
1172	ELEC-6.3.8	Supply and erection of Analog selector switch for voltmeter / Ammeter on the existing box / panel including connections etc., complete. (HPL/Conzerv/AE makes)	1	No	175.00
1173	ELEC-6.3.9	Supply and erection of Analog LED indicator lamps on the existing box / panel board.(HPL/Conzerv/AE makes)	1	No	135.00
1174	ELEC-6.3.10	Supply and erection of Analog LT current transformer with bar primary 100/5A to 1000 / 5A ratio in the existing box / panel including connections etc., complete. (HPL/Conzerv/AE makes)	1	No	450.00
1175	ELEC-6.3.11	Supply and fixing of single phase Analog energy Meter,240V AC,50 HZ as per IS13010 with 2.5-5 /5-10/10-20 Amps range with 200% over load capacity complete with connections etc., complete on the	1	No	1012.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		existing board. (HPL/Conzerv/AE makes)			
1176	ELEC-6.3.12	Supply and fixing of three phase Analog energy Meter, 415V AC,50 HZ as per IS13010 with 2.5-5 /5-10/10-20 Amps range with 200% over load capacity complete with connections etc., complete on the existing board. (HPL/Conzerv/AE makes)	1	No	3037.00
	6.4	SUB STATION EQUIPMENT			
1177	ELEC-6.4.1	Carryout routine maintenance, servicing and testing of 630A to 1000A L.T.ACB by cleaning fixed contacts, moving contacts and arcchutes including servicing and putting the ACB in perfect working condition after detting all relay and ON, OFF mechanism etc.	1	No	1800.00
1178	ELEC-6.4.2	Carryout routine maintenance and servicing of LT.Cubical pannel board having approximately 15 to 22 Nos of switches cleaning with power brower and servicing the contacts, tightning the connection of incoming and outgoing cables, and clicking the operating machanism for smooth functioning of switches and putting them in smooth working condition.	1	No	2500.00
1179	ELEC-6.4.3	Routine maintenance of transformer in operation covering insulation resistance oil, break down strength. Reconditioning / replacement of silicazel, cleaning of transformer and topping upto oil level if required (extra cost will be paid for oil).	1	No	4350.00
1180	ELEC-6.4.4	Testing of Transformer oil for dielectric breakdown strength.	1	No	500.00
1181	ELEC-6.4.5	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete.- Upto 315 KVA	1	No	2500.00
1182	ELEC-6.4.6	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete. -500 / 1000 KVA	1	No	3500.00
1183	ELEC-6.4.7	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -Upto 315 KVA	1	No	750.00
1184	ELEC-6.4.8	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -500 / 1000 KVA	1	No	1050.00
1185	ELEC-6.4.9	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -Upto 315 KVA	1	No	300.00
1186	ELEC-6.4.10	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -500 / 1000 KVA	1	No	550.00
1187	ELEC-6.4.11	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. Upto 315 KVA	1	No	700.00
1188	ELEC-6.4.12	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. 500 / 1000 KVA	1	No	1450.00
1189	ELEC-6.4.13	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding,	1	Kg	590.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm- For copper coils			
1190	ELEC-6.4.14	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm - For aluminium coils	1	Kg	390.00
1191	ELEC-6.4.15	Insulating HT / LT copper / aluminium coils for Transformers.	1	No	300.00
1192	ELEC-6.4.16	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. -Upto 500 KVA	1	No	3000.00
1193	ELEC-6.4.17	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. -630 / 1000 KVA	1	No	4000.00
1194	ELEC-6.4.18	Replacing H.T bushing for distribution Transformer by new one.	1	No	350.00
1195	ELEC-6.4.19	Replacing H.T bushing metal parts for distribution Transformer by new one.	1	No	380.00
1196	ELEC-6.4.20	Replacing L.T bushing for distribution Transformer by new one for the following capacities. - Upto 315 KVA	1	No	165.00
1197	ELEC-6.4.21	Replacing L.T bushing for distribution Transformer by new one for the following capacities.- 500 / 1000 KVA	1	No	175.00
1198	ELEC-6.4.22	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -100 KVA	1	No	300.00
1199	ELEC-6.4.23	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -250 / 315 KVA	1	No	500.00
1200	ELEC-6.4.24	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -500 KVA	1	No	1300.00
1201	ELEC-6.4.25	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -1000 KVA	1	No	2000.00
1202	ELEC-6.4.26	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -Upto 315 KVA	1	No	3000.00
1203	ELEC-6.4.27	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -500 / 1000KVA	1	No	4200.00
1204	ELEC-6.4.28	Loading and Unloadng of transformer from site to Workshop or vice verse. -Upto 500 KVA	1	No	4500.00
1205	ELEC-6.4.29	Loading and Unloadng of transformer from site to Workshop or vice verse. -630 / 1000 KVA	1	No	6800.00
1206	ELEC-6.4.30	Transformer oild tested as per IS-335 - 1972 (per Ltr)	1	Ltr	90.00
1207	ELEC-6.4.31	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at site. (per Ltr)	1	Ltr	8.00
1208	ELEC-6.4.32	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at workshop (per Ltr)	1	Ltr	5.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
	6.5	LIGHTENING PROTECTIVE SYSTEM			
1209	ELEC-6.5.1	Supply and erecting approved make 11KV, 5KA metal oxide lightning arrestors suitable for 11 KV supply with necessary materials on existing cross arm.	1	No	1,500.00
1210	ELEC-6.5.2	Supply and erecting porcelain disc type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1	No	600.00
1211	ELEC-6.5.3	Supply and erecting porcelain pin type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1	No	300.00
1212	ELEC-6.5.4	Supply and erecting porcelain post type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1	No	675.00
1213	ELEC-6.5.5	Supply and erecting porcelain pin/shackle type insulator suitable for L. T.	1	No	90.00
1214	ELEC-6.5.6	Supply and fixing of lightning protective system conforming to IS : 2309 with all standard accessories such as metal globe finials on the top of the building with 25.4 mm dia 3.0mtrs. Length of 'B' class G.I pipe etc., complete without down conductors and earthing.	1	No	600.00
1215	ELEC-6.5.7	Approved make 11KV, 400A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials.	1	No	7000.00
1216	ELEC-6.5.8	Approved make 11KV, 200A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials.	1	No	6100.00
1217	ELEC-6.5.9	Approved make 11KV, 200A A.B switch (tilting) with all standard accessories etc., complete with cost and conveyance of all materials.	1	No	5900.00
1218	ELEC-6.5.10	11KV, H.G fuse set including all standard accessories etc., complete with cost and conveyance of all materials.	1	No	4000.00
1219	ELEC-6.5.11	Supply of 7/3.15 AAA C all Alluminium annealed conductor Rabbit.	1	Km	23160.00
1220	ELEC-6.5.12	Supply of 7/2.50 AAA C all Alluminium annealed conductor Weasel.	1	Km	14243.00
1221	ELEC-6.5.13	Supply of 9.1 Mtr PSCC Pole 280 Kg Working load.	1	No	2844.00
1222	ELEC-6.5.14	Supply of 8.0 Mtr PSCC Pole 140 Kg Working load.	1	No	1513.00
1223	ELEC-6.5.15	Supply of 175 x 85 mm / 150 x 75 mm RS Joist.	1	Kg	45.00
	7.1	NET WORKING			
1224	ELEC-7.1.1	Supply of 2 Pair telephone wire of makes Gold Medal / Million / Finolex / Delton / Surabi / Polycab.	100	Mtrs	1010.00
1225	ELEC-7.1.2	Supply of 6 Pair telephone wire of makes Gold Medal / Million / Finolex / Delton / Surabi / Polycab.	100	Mtrs	2800.00
1226	ELEC-7.1.3	Supply of RG 6 Co-axil cable of makes Finolex / Surabi / Million / Gold Medal / Polycab.	100	Mtrs	1700.00
1227	ELEC-7.1.4	Supply of LAN Cable cat - 6 (A) UTP cable of makes D Link / KMP / Molex.	100	Mtrs	2580.00
1228	ELEC-7.1.5	Supply of Cat 6 RJ-45 information outlets including duel face plate of makes Beldan / D Link / Legrand.	1	No	340.00
1229	ELEC-7.1.6	Supply of 24 Port switches of D link make	1	No	5200.00
1230	ELEC-7.1.7	Supply of 8 Port switches of D link make	1	No	1125.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
1231	ELEC-7.1.8	Supply of 17U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	13500.00
1232	ELEC-7.1.9	Supply of 42U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	13500.00
1233	ELEC-7.1.10	Supply of 3200 access point of D link make or its equivalent.	1	No	12500.00
1234	ELEC-7.1.11	Supply of 7 feet length patch cord of makes D link / Beldan / Krone.	1	No	220.00
1235	ELEC-7.1.12	Supply of 3 feet length patch cord of makes D link / Beldan / Krone.	1	No	200.00
1236	ELEC-7.1.13	Supply of 24 port patch panels of makes D link / Beldan / Krone.	1	No	6500.00
1237	ELEC-7.1.14	Supply of 100 pair MDF loaded with 2/10 Modular of Krone make or its equivalent.	1	No	3000.00
1238	ELEC-7.1.15	Supply of 100 pair raiser cable for telephone of makes Polycab / Finolex.	1	Mtrs	275.00
	8.1	MISSILLANEOUS ITEMS			
1239	ELEC-8.1.1	Deleted			
1240	ELEC-8.1.2	Deleted			
1241	ELEC-8.1.3	Deleted			
1242	ELEC-8.1.4	Supply of single fancy bracket with glass shade best Indian make	1	No	195.00
1243	ELEC-8.1.5	Supply of double fancy bracket with glass shade best Indian make	1	No	350.00
1244	ELEC-8.1.6	Supply of 10" ceiling fittings with glass doom best Indian make	1	No	175.00
1245	ELEC-8.1.7	Supply of Bulk head fitting with cast aluminium enamel painted body with water tight, clear glass with wire guard hinged with lock and key arrangements etc., complete of makes Bajaj / Crompton / Surya.	1	No	360.00
1246	ELEC-8.1.8	TW Seperators / Gutties	100	Nos	150.00
1247	ELEC-8.1.9	Rawl Plugs	100	Nos	16.00
1248	ELEC-8.1.10	U Nails	100	Nos	40.00
1249	ELEC-8.1.11	Alluminium Link Clips	144	Nos	50.00
1250	ELEC-8.1.12	50 mm G.I.Nut and Bolts.	1	Set	12.00
1251	ELEC-8.1.13	63 to 100 mm G.I.Nut and Bolts.	1	Set	20.00
1252	ELEC-8.1.14	50 mm 0 Gauge Nails	1	Doz	36.00
1253	ELEC-8.1.15	63 to 100 mm 0 Gauge Nails	1	Doz	60.00
1254	ELEC-8.1.16	Hard Coke	1	Kg	8.00
1255	ELEC-8.1.17	Salt	1	Kg	4.00
1256	ELEC-8.1.18	PVC Cleats 2 Way	100	Nos	300.00
1257	ELEC-8.1.19	PVC Cleats 4 Way	100	Nos	400.00
1258	ELEC-8.1.20	Binding Wire	1	No	50.00
1259	ELEC-8.1.21	PVC / Cotton Insulation tape Role (10 Mtrs)	1	No	15.00
1260	ELEC-8.1.22	C.I.Knob	1	No	12.00
1261	ELEC-8.1.23	Stay tight set (Jum bracket 300 mm)		Pair	250.00
1262	ELEC-8.1.24	Stay clamp with bolts and Nuts)		1 Set	160.00
1263	ELEC-8.1.25	L.T.Guy insulator	1	No	35.00
1264	ELEC-8.1.26	12 / 15 MS plain rod fan hook	1	No	20.00
1265	ELEC-8.1.27	19 / 20 mm Steel tube fan down rod	1	Rm	60.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
1266	ELEC-8.1.28	Consealed box PVC / MS with hook for fan	1	No	100.00
1267	ELEC-8.1.29	Coil Earthing	1	No	60.00
1268	ELEC-8.1.30	Cable root Indicators	1	No	75.00
1269	ELEC-8.1.31	40 mm x 40 mm x 6 mm angle iron with I bolt.	1	Kg	200.00
1270	ELEC-8.1.32	50 mm x 50 mm x 6 mm angle iron or Flat.	1	Kg	40.00
1271	ELEC-8.1.33	65 mm x 65 mm x 6 mm angle iron or Flat.	1	Kg	40.00
1272	ELEC-8.1.34	Acrylic Cover of size 4" x 7" for night lamps.	1	No	15.00
1273	ELEC-8.1.35	TW / PVC Round Blocks	1	No	6.00
1274	ELEC-8.1.36	G.I.Funnel with Mesh 1/2" x 4"	1	No	75.00
1275	ELEC-8.1.37	Asbestos Sheet	1	Sqft	20.00
1276	ELEC-8.1.38	First Aid box 18" x 12" x 8"	1	No	1000.00
1277	ELEC-8.1.39	11 KV/22 KV Hand gloves	1	No	140.00
1278	ELEC-8.1.40	Copper plate / Copper strip (Per K.G)	1	Kg	390.00
1279	ELEC-8.1.41	No. 8/10 SWG copper wire (per K.G)	1	Kg	390.00
1280	ELEC-8.1.42	PVC Insulated copper winding wire of fine quality (per K. G)	1	Kg	550.00
1281	ELEC-8.1.43	No. 14 SWG copper wire (per K. G)	1	Kg	390.00
1282	ELEC-8.1.44	Copper winding wire (per K. G)	1	Kg	490.00
1283	ELEC-8.1.45	G. I Strip/ Plate/Wire/ M. S (per K. G)	1	Kg	55.00
1284	ELEC-8.1.46	Alluminum Bus bars/Strips/accessories	1	Kg	185.00
1285	ELEC-8.1.47	Alluminum winding wire	1	Kg	390.00
1286	ELEC-8.1.48	6.2 Volt series bulb (25 Nos.)	25	Nos	83.00
1287	ELEC-8.1.49	6.2 Volt series bulb with navar plate(25 Nos.)	25	Nos	88.00
1288	ELEC-8.1.50	Supply of Rotating machine	1	No	15000.00
1289	ELEC-8.1.51	Supply and fixing of 6mm thick MS Chekered plate.	1	Kg	55.00
1290	ELEC-8.1.52	Supply and fixing of 6mm thick Alluminium Chekered plate.	1	Kg	220.00
1291	ELEC-8.1.53	Copper old winding Wire scrap for 1 Kg	1	Kg	100.00
1292	ELEC-8.1.54	Cement	1	Kg	4.50
1293	ELEC-8.1.55	Hylam Sheet	1	Sqin	0.50
1294	ELEC-8.1.56	Earth work excacvation including all soils for trench, Pole Pit and Earth Pit.	1	Cum	200.00
1295	ELEC-8.1.57	Cost of Sand Including Lead	1	Cum	360.00
1296	ELEC-8.1.58	Cost of Bricks with Lead	1000	Nos	3100.00
1297	ELEC-8.1.59	25 MM G.I.PIPE LIGHT GRADE	1	Mtr	207.00
1298	ELEC-8.1.60	25 MM G.I.PIPE MEDIUM GRADE	1	Mtr	220.00
1299	ELEC-8.1.61	40 MM G.I.PIPE LIGHT GRADE	1	Mtr	312.00
1300	ELEC-8.1.62	40 MM G.I.PIPE MEDIUM GRADE	1	Mtr	332.00
1301	ELEC-8.1.63	Drilling of 16 Nos through holes of 12mm dia to G.I pipe	1	No	5.00
1302	ELEC-8.1.64	G.I Nuts, Bolts an Washers each set	1	Set	10.00
1303	ELEC-8.1.65	18" dia 2" thick hume pipe ring	1	No	200.00
1304	ELEC-8.1.66	18" dia 3" hume pipe ring	1	No	250.00
1305	ELEC-8.1.67	2" thick CC cover for hume pipe ring with handle	1	No	100.00
1306	ELEC-8.1.68	Supply of Saddle / Clamps suitable for fixing 2 Core 4 to 10 Sqmm Cable.	100	Nos	205.00
1307	ELEC-8.1.69	Supply of Saddle / Clamps suitable for fixing 4 Core 4 & 6 Sqmm Cable.	100	Nos	205.00
1308	ELEC-8.1.70	Supply of Saddle / Clamps suitable for fixing 4 Core 10 & 16 Sqmm Cable.	100	Nos	259.00
1309	ELEC-8.1.71	Supply of Saddle / Clamps suitable for fixing 3.5 Core 25 & 35 Sqmm Cable.	100	Nos	315.00
1310	ELEC-8.1.72	Supply of Saddle / Clamps suitable for fixing 3.5 Core	100	Nos	450.00

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		50 Sqmm Cable.			
1311	ELEC-8.1.73	Supply of Saddle / Clamps suitable for fixing 3.5 Core 70 & 95 Sqmm Cable.	100	Nos	500.00
1312	ELEC-8.1.74	Supply of Saddle / Clamps suitable for fixing 3.5 Core 120 to 185 Sqmm Cable.	100	Nos	600.00
1313	ELEC-8.1.75	Supply of Saddle / Clamps suitable for fixing 3.5 Core 240 & 300 Sqmm Cable.	100	Nos	750.00
1314	ELEC-8.1.76	Supply of Saddle / Clamps suitable for fixing 3.5 Core 400 Sqmm Cable.	100	Nos	1000.00
1315	ELEC-8.1.77	Labour Rates			
1316	ELEC-8.1.78	Skilled Electrician	1	No	258.00
1317	ELEC-8.1.79	Semi Skilled Electrician	1	No	237.00
1318	ELEC-8.1.80	Skilled Mason	1	No	258.00
1319	ELEC-8.1.81	Semi Skilled Mason	1	No	237.00
1320	ELEC-8.1.82	Welder	1	No	258.00
1321	ELEC-8.1.83	Fitter	1	No	258.00
1322	ELEC-8.1.84	Helper (Electrical)	1	No	237.00
1323	ELEC-8.1.85	Carpenter	1	No	258.00
1324	ELEC-8.1.86	Man Mazdoor	1	No	196.00
	9.1	WIRELESS FIRE ALARAM SYSTEM			
1325	ELEC-9.1.1	Supply and fixing of wireless smoke detection control panel of 28 wireless zones, 2 Hard wired Zones, Tamper Alert, Pass code protected, RF jamming recognition, diagnostic feature for RF signal strength between panel and each detector, vent reporting using PSTN telephone line, dialing upto 4 telephone numbers, event reporting as per users choice, LCD screen display, two way voice interaction, battery backup stand by time up to 12 hrs. (Cease Fire/Ravel/Honeywell/Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	44,390.00
1326	ELEC-9.1.2	Supply and fixing of Wireless Repeater.The wireless repeater extends the communication range of detection by relaying data between receiver and remote wireless transmitter. (Cease Fire/Ravel/Honeywell/Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	10,485.00
1327	ELEC-9.1.3	Supply and fixing of Wireless Siren Strobe external wireless siren - a fully supervised power code outdoor (IP55) wireless Siren and strobe light. Designed for external installation. Wire - Free connection between control panel and siren. Convenient rapid no- mess installation. Separate fire alarm signals, 98db Piezo siren and high power strobe light. Weather resistant, IP55, 2-way communication for local and remote diagnostics. Plug-in power supply, NIMH rechargeable back-up power battery, transmits status, tamper, low-battery, supervisory and AC loss messages to the control panel, Tri- State tamper switch identifies screw manipulation removal of cover or playing from the wall.(Cease Fire/ Ravel / Honeywell / Secutron) Including transportation, all taxes and all labour	1	No	14,680.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		charges etc complete.			
1328	ELEC-9.1.4	Supply and fixing of wireless Fully Supervised Smoke Detector, Photoelectric detection technology for superior detection sensitivity , sound and transmitted for smoke, tamper and low battery, works on power code protocol, easy programming and enrolling to the control panel, long life 9 volt alkaline or lithium battery. (Ceasefire/Ravel/Honeywell/Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	7,340.00
	9.2	ADDRESSABLE - FIRE ALARM SYSTEM			
1329	ELEC-9.2.1	Supply, Installation, testing and commissioning of wall mounting 10 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	7,25,000.00
1330	ELEC-9.2.2	Supply, Installation, testing and commissioning of wall mounting 8 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	5,25,000.00
1331	ELEC-9.2.3	Supply, Installation, testing and commissioning of wall	1	No	4,85,000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		mounting 6 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).			
1332	ELEC-9.2.4	Supply, Installation, testing and commissioning of wall mounting 4 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	3,25,000.00
1333	ELEC-9.2.5	Supply, Installation, testing and commissioning of wall mounting 2 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply,	1	No	2,75,000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).			
1334	ELEC-9.2.6	Supply, Installation, testing and commissioning of wall mounting 1 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	2,50,000.00
1335	ELEC-9.2.7	Supply, Installation, testing and commissioning of Repeater panel including the cost of mounting accessories complete as per specification as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	1,25,000.00
1336	ELEC-9.2.8	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning.	1	No	6,750.00
1337	ELEC-9.2.9	Supply and instillation of addressable analog photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	6,700.00
1338	ELEC-9.2.10	Supply of plug - in type in rate of rise cum fixed temparature addressable analogue heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	5,325.00
1339	ELEC-9.2.11	Supply of plug - in type addressable analogue multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet	1	No	6,500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).			
1340	ELEC-9.2.12	Supply of Control Modules including the cost of mounting accessories complete as per specifications and as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	5,500.00
1341	ELEC-9.2.13	Supply of monitor modules including the cost of mounting accessories complete as per specifications and as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	5,500.00
1342	ELEC-9.2.14	Supply of fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required.(Makes: Siemens/Morley/Honeywell-ESSER-Notifier/Ceasefire/Bosh/APPOLO).	1	No	4,500.00
	9.3	CONVENTIONAL - FIRE ALARM SYSTEM			
1343	ELEC-9.3.1	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 2 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	7,500.00
1344	ELEC-9.3.2	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 4 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	9000.00
1345	ELEC-9.3.3	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 6 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	12500.00
1346	ELEC-9.3.4	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 8 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	14500.00
1347	ELEC-9.3.5	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 10 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	18500.00
1348	ELEC-9.3.6	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 12 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	20500.00
1349	ELEC-9.3.7	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 14 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: Honeywell-ESSER-Notifier / APPOLO / Morley / System Censor / Ravel.)	1	No	25000.00
1350	ELEC-9.3.8	Supply of Repeater panel including the cost of	1	No	12500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		mounting accessories complete as per specifications and as required.(Makes: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor / Ravel.)			
1351	ELEC-9.3.9	Supply of addressable wall / ceiling mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required.	1	No	675.00
1352	ELEC-9.3.10	Supply of dust and vermin proof addressable analogue manual call boxes to initiate audio visual alarm including the cost of mounting accessories complete as per specifications and as required.	1	No	650.00
1353	ELEC-9.3.11	Supply of plug - in type multi criterion detectors below false ceiling / on ceiling including the cost of base plate. 75mm dia M.S. outlet box for fixing of the detector base. Mounting accessories etc., complete as per specifications as required.(Makes: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor.)	1	No	1800.00
1354	ELEC-9.3.12	Supply of plug -in type photoelectric smoke detectors above false ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base. Mounting accessories etc complete and as per specifications and as required.(Makes: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor.)	1	No	1750.00
1355	ELEC-9.3.13	Supply of plug -in type rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required.(Makes: Honeywell-ESSER- Notifier / APPOLO / Morley / System Censor.)	1	No	1700.00
	9.4	FIRE EXTINGUISHERS			
1356	ELEC-9.4.1	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, 10 kg capacity , ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-90 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, Insta Alert facility, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 5 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	1	No	9,483.00
1357	ELEC-9.4.2	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, 10 kg capacity , ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-50 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	1	No	6,730.00
1358	ELEC-9.4.3	Supply and fixing of ISI make ABC Power MAP 5 Kg Fire extinguisher Mono ammonium phosphate power	1	No	6,485.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.			
1359	ELEC-9.4.4	Supply and fixing of ISI make ABC Power MAP 5 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	1	No	4,190.00
1360	ELEC-9.4.5	Supply and fixing of ISI make ABC Power MAP 2 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	1	No	4,360.00
1361	ELEC-9.4.6	Supply and fixing of ISI make ABC Power MAP 2 Kg Fire extinguisher Mono ammonium phosphate power 50, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig	1	No	2,834.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.			
1362	ELEC-9.4.7	Supply and fixing of ISI make Ceiling Mounted ABC MAP 90, 5 Kg stored pressure type , pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, Insta - alert, ISI & EN approved with 5 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	1	No	6,973.00
1363	ELEC-9.4.8	Supply and fixing of ISI make Ceiling Mounted ABC MAP 50, 5 Kg stored pressure type , pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, ISI & EN approved with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	1	No	5,620.00
1364	ELEC-9.4.9	Supply and fixing of 2 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 3.6Kg empty weight 1.6 Kg, can weight 341mm, Diameter 108mm, discharge time minimum 6 secs, controllable discharge mechanism, range minimum 2 meters, applicable on class A,B,C and electrically started Fire, A rating 5A, B rating 34B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.(Makes: Ceasefire / Maxon / LPG)	1	No	14600.00
1365	ELEC-9.4.10	Supply and fixing of 4 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 6.9Kg empty weight 2.9 Kg, can weight 435mm, Diameter 140mm, discharge time minimum 9 secs, controllable discharge	1	No	25700.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		mechanism, range minimum 4 meters, applicable on class A,B,C and electrically started Fire, A rating 8A, B rating 55B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyester powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.			
1366	ELEC-9.4.11	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty (Cease Fire / Maxon / LPG make) Including transportation, all taxes and all labour charges etc complete.	1	No	10,485.00
1367	ELEC-9.4.12	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty (Minimax / Safex / Reliance make) Including transportation, all taxes and all labour charges etc complete.	1	No	7,860.00
1368	ELEC-9.4.13	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 2 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type.(Makes:Minimax/Safex/Reliance/Kenex)	1	No	2100.00
1369	ELEC-9.4.14	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 5 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type.(Makes:Minimax/Safex/Reliance/Kenex)	1	No	3100.00
1370	ELEC-9.4.15	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 10 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type.(Makes:Minimax/Safex/Reliance/Kenex)	1	No	4100.00
1371	ELEC-9.4.16	Supply and fixing of Escape signage boards in Rigid Photo luminecent based glow in Dark rigid sheet with high intensity luminous properties with specificaiton oif Cease Fire or its equivalent make Model-1ES01	1	No	1300.00
1372	ELEC-9.4.17	Supply and fixing of Cease fire or its equivalent Escape gear Mild Steel box size 425mmx360mmx140mm Epoxy powder coated to protect it from Weathering ,	1	No	15800.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM			SS RATE for 2010-11
		smoke hood tested to Eupropean Standard EN 403 1993-S known to reduce Carbon Monoxide, propend(acrloein), hydrogen chloride, hydrogen Cyanide and Solid and liquid toxic particles to manageable level for atleast 15 minutes shall with stand tempeartures upto 80 degrees single use only Fire Blanket size 1.2m x1.8m used to cover any vessel containing used to Extinguish a clothing fire wrap blanket around the victim.			
1373	ELEC-9.4.18	Supply and fixing of 4Nos of 9 Ltrs capacity round bottom sand buckets along with bucket sand, Fire buckets with round bottom type enamel painted, white inside & red out side and letter FIRE inblack out side & Handle with mounting bracket.	1	Set	1200.00
1374	ELEC-9.4.19	Supply anmd fixing of Fire bucket stand fabricated by M.S. angles to install for two numbers of buckets as per local fire officers standards.	1	Set	1000.00
1375	ELEC-9.4.20	Supply and run of 2 Core x 1.5Sqmm FRLS armoured copper cable partly on wall and partly in ground including all labour charges etc., complete of Polycab / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art Makes.	1	Mtr	78.00
	10.1	GENERATORS			
1376	ELEC-10.1.1	Supply, Transportation, erection and commissioning of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of 250 KVA / 200 KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete with control panel having IP-52 protection, Acoustic Enclosure made of 18 SWG CRCA sheet, sound absorbing material, rock wool, perforated sheet to restrict sound level up to 75 dB and as per PCB norms etc as per following specifications mentioned below.			1800000.00
		A. Alternator : Kirloskar / Stamford / Crompton Greaves make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP21.			
		B.Diesel Engine : Kirloskar / Cummins / Ashok ley land / Mahindra Diesel Engine start, developing suitable 313 BHP output at 1500 RPM with class A2 Governing so as to enable the alternator to give 250 KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc. 1. 2 Batteries of 12V 180 AH of Exide / Amar Raja make. 2. Exhaust pipe of required size and length with insulation or clading.			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
		3. Diesel tank suitable for 12 hrs running capacity. 4. Residential Silencer.		
		C. AMF Control Panel:- AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following. 1. Voltmeter with selector switch. 2. 4 Pole MCCB incomer of 400A rating of Legrand make. 3. Ammeter with selector switch with CTs. 4. PF Meter and frequency Meter. 5. Indicator lamps (set Run, Load ON) with fuses. 6. KWH Meter of required rating. 7. Set of control fuses and current transformer. 8. Input Terminal board and output Terminal Board. 9. Battery charger with transformer rectifier unit. 10. Alternator supply air break contactor of L&T make. 11. Main supply air break contactor of L&T make. 12. Audio Visual annunciation for low lube oil pressure. 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.		
1377	ELEC-10.1.2	Supply, Transportation, erection and commissioning of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of 125 KVA / 100 KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete with control panel having IP-52 protection, Acoustic Enclosure made of 18 SWG CRCA sheet, sound absorbing material, rock wool, perforated sheet to restrict sound level up to 75 dB and as per PCB norms etc as per following specifications mentioned below.		812000.00
		A.Alternator : Kirloskar / Stamford / Crompton Greaves make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP21.		
		B.Diesel Engine : Kirloskar / Cummins / Ashok ley land / Mahindra Diesel Engine start, developing suitable 156 BHP output at 1500 RPM with class A2 Governing so as to enable the alternator to give 125 KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc. 1. Batteries of 12V 180 AH of Exide / Amar Raja make. 2. Exhaust pipe of required size and length with		

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
		insulation or cladding. 3. Diesel tank suitable for 12 hrs running capacity. 4. Residential Silencer.		
		C. AMF Control Panel: - AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following. 1. Voltmeter with selector switch. 2. 4 Pole MCCB incomer of 200A rating of Legrand make. 3. Ammeter with selector switch with CTs. 4. PF Meter and frequency Meter. 5. Indicator lamps (set Run, Load ON) with fuses. 6. KWH Meter of required rating. 7. Set of control fuses and current transformer. 8. Input Terminal board and output Terminal Board. 9. Battery charger with transformer rectifier unit. 10. Alternator supply air break contactor of L&T make. 11. Main supply air break contactor of L&T make. 12. Audio Visual annunciation for low lube oil pressure. 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.		
1378	ELEC-10.1.3	Supply, Transportation, erection and commissioning of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of 62.5 KVA / 50 KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete with control panel having IP-52 protection, Acoustic Enclosure made of 18 SWG CRCA sheet, sound absorbing material, rock wool, perforated sheet to restrict sound level up to 75 dB and as per PCB norms etc as per following specifications mentioned below.		625000.00
		A. Alternator : Kirloskar / Stamford / Crompton Greaves make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP21.		
		B.Diesel Engine : Kirloskar / Cummins / Ashok ley land / Mahindra Diesel Engine start, developing suitable 78 BHP output at 1500 RPM with class A2 Governing so as to enable the alternator to give 62.5 KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc. 1. Batteries of 12V 180 AH of Exide / Amar Raja make.		

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM		SS RATE for 2010-11
		2. Exhaust pipe of required size and length with insulation or cladding. 3. Diesel tank suitable for 12 hrs running capacity. 4. Residential Silencer.		
		C. AMF Control Panel: - AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following. 1. Voltmeter with selector switch. 2. 4 Pole MCCB incomer of 125 A rating of Legrand make. 3. Ammeter with selector switch with CTs. 4. PF Meter and frequency Meter. 5. Indicator lamps (set Run, Load ON) with fuses. 6. KWH Meter of required rating. 7. Set of control fuses and current transformer. 8. Input Terminal board and output Terminal Board. 9. Battery charger with transformer rectifier unit. 10. Alternator supply air break contactor of L&T make. 11. Main supply air break contactor of L&T make. 12. Audio Visual annunciation for low lube oil pressure. 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.		

NOTE	
1	All the items to be used on work are of first quality & ISI and as approved by the Engineer In charge of the work.
2	Supply Rates for all the materials are based on market rates plus Sales Tax/ Material VAT.
3	Works Contract VAT for General/ Composition Scheme on finished items may be allowed as applicable.
4	SOR Rates for Building items are purely for guidance for the officers for preparation of estimates vide para.113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in para.45 of APPWD code.

CODE LEGEND

"ELEC" -X.X.XX	"ELEC" for Electrical items
XXX-"1".X.XX	"1" for Name of the Section
XXX-X."1.01"	"1.01" for Serial of the Item



GOVERNMENT OF ANDHRA PRADESH

SCHEDULE OF RATES

AS PER

A.P. REVISED STANDARD DATA

FOR THE YEAR 2010-2011

(Effective from 1st June, 2010)

BOARD OF CHIEF ENGINEERS

**Office of the Engineer-in-Chief (I.W.)
I & CAD Dept., Errum manzil, Hyderabad.**

Procs.No.ENC/IW/P&M/EE3/DEE10/AE/13305/10/Vol-30 , dt: 15-7-2010.

Sub:- Schedule of Rates as per Revised Standard Data for the year 2010-11 – Irrigation & CAD works (part-1) and Drinking water supply schemes (part-4) - approved- Printing & Communication of SoRs – Reg.,

Ref:- 1. G.O.Ms.No.49, I & CAD (PW: Reforms) Dept., dt.:2-3-2009.
2. E-in-C (PH) Lr.No.146/SOR/2010-11/Vol-1/T1/2010 Dt.24.05.2010.
3. Commissioner, labour department Lr.No:N1/2723/2010, dt: 05- 05-2010.
4. Minutes of B.O.CE's meeting for Schedule of Rates held on dt.29-5-2010&22-6-10.

-o0o-

The Government have approved Revised Standard Data vide ref 1st cited. The Schedule of Rates as per A.P. Revised Standard Data for the year 2010-11 is approved based on the following.

The Engineer-in-Chief, Public health Department has furnished draft rates for Public Health Work Items and Public Health materials vide ref 2nd cited.

For Irrigation & CAD Work Items, the regional Superintending Engineers of Irrigation Circles of Hyderabad, Chittoor & Dowlaiswaram in charge of Telangana, Rayalaseema and Andhra regions respectively have submitted the draft basic rates of materials. The Superintending Engineer, Mechanical Circle, Hyderabad has furnished draft rates of mechanical and workshop items. Accordingly, the draft rates for Irrigation & Command Area Development are prepared.

The labour rates are obtained from the Commissioner, labour department vide reference 3rd cited for finalizing the rates for SoR 2010-11.

Based on the proposals, the draft Schedule of Rates for the year 2010-11 were reviewed and finalized in the annual Board of Chief Engineers meeting held on 29-5-2010 & 22-6-2010.

The Procedure for the adoption of Irrigation work items, lead & lift charges (Common to all departments) is incorporated in the Annexure-A of SoR.

One hard copy & compact disc containing Schedule of Rates & Standard data-Part-1(soft copy) are here with communicated. No other items other than the items communicated by this Office shall be introduced in the SoR.

The Heads of Department and Officers mentioned below are authorized to print the Schedule of Rates for the year 2010-11. The unauthorized printing & selling of the SoR is strictly prohibited. The Schedule of Rates for 2010-11 will be in force until the new SoR comes in to force.

The revised rates will come into force from 1st June of 2010.

The receipt of the proceedings may be acknowledged.

Encl: Annexure-A.

Sd/-
M.K.Rahaman,15-7-2010
Engineer-In-Chief (IW)
Chairman, B.O.C.E (SoR)

I) Copy Communicated to the following Heads of Departments along with Enclosures for information.

- 1) Engineer-in-Chief (Admn & NH)., Roads & Buildings Department.
- 2) Engineer-in-Chief (P.H.), Public Health Department.
- 3) Engineer-in-Chief (P.R.), Panchayath Raj Department.
- 4) Engineer-in-Chief (RWS) R W S, Department.
- 5) Chief Engineer (Buildings), R&B Department.
- 6) Copy of C.D containing Schedule of Rates 2010-11 & Standard data, part-1(Irrigation &CAD works) to all Engineers-in-Chief, Chief Engineers of Irrigation & CAD Department for favour of information.

II) Copy to The Superintending Engineer, Irrigation Circle, I&CAD Department, Red Hills, Hyderabad for necessary action.

Sd/-
M.K.Rahaman,15-7-2010
Engineer-In-Chief (IW)
Chairman, B.O.C.E (SoR)

Important – Read The following

ANNEXURE- A

- 1) The SPIU(Irrigation), Centre for Good Governance (CGG), Hyderabad has developed soft ware package linking the basic input data of Irrigation with approved data of Irrigation work items.
- 2) The lead and lift charges are common to all Engineering Departments. The detailed calculations are incorporated in the Lead &Lift charges chapter in the I&CAD works (Part-1) of A.P. Revised standard data.
- 3) Further, the CGG has also developed estimate preparation package to use in the preparation of estimates duly making provision for incorporation of applicable lead & lift for different materials, Area allowances for labour, Dewatering charges and VAT as additional.
- 4) For Gates & Hoist works, the excise duty on the fabrication of work (other than materials) shall be added as per the Government Orders issued from time to time while preparing the estimate.
- 5) The estimate sanctioning authority shall physically verify each and every Irrigation work item data incorporated in the estimate with basic input data before sanction of the estimate. **Any lapses or arithmetic errors arising in the sanction of data's / estimate due to adoption of the software package lies entirely on the concerned estimate sanctioning authority only.**
- 6) Any discrepancies / corrections required for improper basic input data appearing in the approved data's of Irrigation work items in the software package and hard copy of SoR & Standard data's (part-1) may be brought to the notice of undersigned for issuing corrections.

Sd/- M.K.Rahaman,15-7-2010
Engineer-In-Chief (IW)
Chairman, B.O.C.E (S.R)

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PREAMBLE

PREAMBLE**I.0 AREA ALLOWANCES:****A) CORPORATIONS & MUNICIPALITIES:**

- a) (i) 25% extra over the rates on labour component of works is allowed in all Municipal Corporation Limits of Andhra Pradesh except Greater Hyderabad, Greater Visakhapatnam and Vijayawada municipal corporations (up to a belt of 12 Kms. from Municipal Corporation limits) and other corporations as notified by the Government from time to time.
- (ii) 40% extra over the rates on labour component of works for Greater Hyderabad, Greater Visakhapatnam and Vijayawada Municipal Corporation (up to a belt of 12 Kms. from Municipal Corporation limits).
- b) Allow 20% extra over basic rates on labour component of works in all District Headquarters and the remaining Municipal limits (up to a belt of 12 Kms from Municipal limits).
- c) For works at Tirumala Hills in Chittoor District, 40% extra over the basic rates of labour component is allowed.
- d) For works at Horsely hills in Chittoor District, 30% extra over the basic rates of labour component is allowed.
- e) For works located inside Tirumala Temple, 20% extra over the basic rate of labour component specified for Tirumala Hills is allowed.
- f) For Works located inside T.T.D Temples of Sri Padmavathi Ammavari Temple, Tiruchanoor, Sri Govindaraja Swamy Temple at Tirupathi, Sri Kapleswara Swamy Temple, Kapilatheerthm, Tirupathi and Sri Kalyana Venkateswara Swamy Temple, Srinivasa Mangapuram, 20% extra over the basic rates of labour component for Tirupathi Municipal Corporation is allowed.

B) JAIL COMPOUNDS:

15% extra is allowed over labour rates for the work in the Jail compounds. Only equivalent number of Man Mazdoor shall be provided in the Jail premises and no women Mazdoor are allowed inside.

C) INDUSTRIAL AREA:

- a. 20% over basic rates on labour component works allowed for works situated within 10 Kms belt of Industrial area of, Jeedimetla, Lingampally, Ibrahimpatnam, Tandur in Ranga Reddy District, Ibrahimpatnam, Vuyyuru, Jaggaiahpetta in Krishna District, Macherla, Gurajala, Challapalli in Guntur District, Garividi in Vijayanagaram District, Kothur in Mahabubnagar District, Patancheru, Ramachandrapur in Medak District, Bibinagar in Nalgonda District, Ramagundam and Godavarikhani in Karimnagar District, Renigunta in Chittoor District and Yerraguntla & Mangampet in Kadapa District, Manchiryal, Mandamarri, Bellampalli in Adilabad District, Sarpaka, Kothagudem, Paloncha, Manguguru, Singareni Collieries in Khammam District, Kamalapur, Bhoopalpally of Warangal District, Wadepally of Nalgonda District, Nagapally (Centenary Colony, Begumpet "X" roads), Takkelapally of Karimnagar District, Hindupur, Tadipatri, Anantapur, Guntakal, Rayalcheruvu, Yadiki of Anantapur District and Adoni, Dhoni, Cement Nagar, Nandyal, Kurnool, Yemmiganur & Bethamcherla of Kurnool District, Anakapally of Vishakhapatnam District.

D) AGENCY / TRIBAL AREAS:

- a) 25% extra is allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located within & upto 16 KMs from any all weather route inside Agency / Tribal.
- b) 40% extra is allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located beyond 16 KMs from any all weather route inside Agency / Tribal.

NOTE: 1. No extra percentage is permissible in respect of Forest produce such as Bamboo, Rellu grass and for all materials obtained from outside the Agency / Tribal.

2. The extra percentage under Agency / Tribal areas allowance may be allowed on the labour component and on the labour charges in the rates for conveyance of materials.

3. The extra percentage on cost of materials in Agency / Tribal areas can be allowed on the labour component only, if they are manufactured in the Agency / Tribal areas itself except Forest produce.

E) GHAT ROADS:

For Ghat Roads steeper than 1 in 20, the length of the road may be taken as 1.5 times the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.

Foot Note: Under compelling circumstances, the concerned Chief Engineer can adopt the equivalent length of road as 2 ½ times of actual length.

Note below area allowances:

If more than one area allowance (such as those) for (1) Municipalities (2) Agency / Tribal areas (3) Industrial areas are applicable for a particular situation, only the maximum out of the allowable percentages is to be allowed.

2.0 EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

I) EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

A. TRIAL TRENCHES:

1) Trial trenches of not more than 2 metres in width ... 25% extra

B. TRIAL PITS:

1) Up to 2 Metres depth	...	25% extra
2) 2 Metres to 4 Metres depth	...	50% extra
3) 4 Metres to 6 Metres depth	...	75% extra
4) 6 Metres to 8 Metres depth	...	100% extra
5) 8 Metres to 9 Metres depth	...	150% extra
6) More than 9 Metres depth	...	200% extra

II) EXCAVATION IN RESTRICTED PLACES:-

I) Foundation of Buildings	...	75% extra
II) For pipe lines where the depth is less than 1.5 times the width	...	75% extra
III) For pipe lines where the depth is 1.5 times or more than the width	...	120% extra
IV) Silt removal in restricted areas such as U. T's., Culverts and Syphons.	...	120% extra
V) Excavation of field channels	...	75% extra
VI) For narrow trenches not more than 2 meters in width and depth not less than twice the width and for excavation of road boundary drains, model sections of canals.	...	75% extra
VII) High berm cutting of not more than 150 mm average thickness and	...	50% extra

sectioning for roads

Note: 1) The extra percentage is allowed over S. S. 20 B rate for corresponding soil. It includes the charges for all lifts and initial lead but does not include dewatering charges if any in respect of all the items under (A) and (B) above.

2) The above extra percentages in respect of excavation in hard rock for restricted places are to be allowed for $(2/3)$ rd of the cost and shall not to be allowed in respect of items involving blasting component which may be taken as $1/3$ of the cost.

3.0 SEIGNIORAGE CHARGES:

Seigniorage charges for materials as fixed by the Government in G.O.Ms.No.198 (Industries and Commerce department), dated 13. 8.2009 may be added in the data of rates in the estimate. In case of revision, the revised rates as fixed by Mines and Geology Department have to be adopted.

LABOUR RATES

LABOUR RATES

SI No.	CATEGORY OF WORKER	S. Rate for 2010-11
1	2	3
I.	SKILLED CATEGORY:	
1	Bar bender	258.00
2	Black smith / Tin smith / Rivetor	258.00
3	Blaster (Licensed)	258.00
4	Carpenter Cl- I	258.00
5	Electrician (Licensed)	258.00
6	Fitter Cl- I	258.00
7	Floor Polisher / Tile Layer	258.00
8	Foreman	258.00
9	Gauge reader	237.00
10	Maistry / Work Inspector with Non-technical Qualification SSLC/SSC/HSC	250.00
11	Mason Cl- I / Brick layer Cl- I	258.00
12	Mechanic Cl- I	258.00
13	Operator Air compressor / DG set	258.00
14	Operator Batching plant	258.00
15	Operator Bus/Ambulance/ Lorry/ Tanker	257.00
16	Operator Concrete / Asphalt mixer	258.00
17	Operator Concrete / Asphalt paver	258.00
18	Operator Concrete pump / Placer/ ice plant	258.00
19	Operator Core drilling machine	258.00
20	Operator Crane/ Tower crane/ Cable way	258.00
21	Operator Drilling jumbo / Loco / Winch	258.00
22	Operator Grouting/ Guniting/ Shotcreting	258.00
23	Operator Jackhammer/Pneumatic tamper	258.00
24	Operator Pump / Ventilation fan	258.00
25	Operator Lathe/Drilling/Shearing machine	258.00
26	Operator Bending / Planing machine	258.00
27	Operator Road roller	257.00
28	Operator Shovel / Scraper / Dozer	258.00
29	Operator Spillway / Sluice gate	258.00
30	Operator Crusher / Conveyor / Mucker	258.00
31	Operator Tipper / Dumper / Transit mixer	277.00
32	Operator Concrete vibrator	258.00
33	Operator Vibratory plain / pad foot roller	257.00
34	Operator Wagon drill / Drifter	258.00
35	Painter Cl- I	258.00
36	Plumber (Licensed) / Pipe fitter	258.00
37	Sarang / Khalasi	258.00
38	Spun pipe moulder	258.00
39	Stone chiseller Cl- I / Stone cutter Cl- I	258.00
40	Struct. steel Fabricator / Marker / Erector	258.00
41	Welder / Gas Cutter	258.00
42	Welder (X-ray quality)	258.00
II.	SEMI SKILLED CATEGORY:	
1	Asphalt Sprayer / Boiler attendant	237.00
2	Bhisti	237.00
3	Boatman with boat	247.00
4	Carpenter Cl- II / Erector shuttering	237.00

Labour rates		
SI No.	CATEGORY OF WORKER	S. Rate for 2010-11
1	2	3
5	Cartman with double bullock cart	277.00
6	Cartman with single bullock cart	256.00
7	Chavali / Navagani	237.00
8	Crowbarman / Jumper man	237.00
9	Fitter CI- II	237.00
10	Gang man / Head / Survey mazdoor	237.00
11	Gardener / Trained mali	237.00
12	Helper Air compressor / DG set	237.00
13	Helper Batching plant	237.00
14	Helper Blasting	237.00
15	Helper Bus/ Ambulance/ Lorry/ Tanker	237.00
16	Helper Bending/Shearing/Planing machine	237.00
17	Helper Carpenter	237.00
18	Helper Concrete / Asphalt mixer	237.00
19	Helper Concrete / Asphalt paver	237.00
20	Helper Core drilling machine	237.00
21	Helper Crane/ Tower crane/ Cable way	237.00
22	Helper Drilling jumbo / Loco / Winch	237.00
23	Helper Fitter / Fabrication	237.00
24	Helper Grouting/ Guniting/ Shotcreting	237.00
25	Helper Jack hammer / Pneumatic tamper	237.00
26	Helper Laboratory / Instrumentation	237.00
27	Helper Road roller	237.00
28	Helper Shovel / Scraper / Dozer	237.00
29	Helper Crusher / Conveyor / Mucker	237.00
30	Helper Tipper / Dumper/ Transit mixer	237.00
31	Helper Vibrator	237.00
32	Helper Vibratory plain/ pad foot roller	237.00
33	Helper Wagon drill/ Drifter	237.00
34	Lineman Electric / Telephone	237.00
35	Mason CI- II / Brick layer CI-II	237.00
36	Mechanic CI- II	237.00
37	Painter CI- II	237.00
38	Patkari / Neeraganti / Sowdy	237.00
39	Stone Chiseller CI- II	237.00
40	Stone breaker / Hammer man	237.00
41	Valve man / Canal sluice operator	237.00
III.	UN-SKILLED CATEGORY:	
1	Cement / Asphalt handling mazdoor	196.00
2	Civic worker	196.00
3	Heavy mazdoor	196.00
4	Light mazdoor	196.00
5	Watchman	196.00
IV.	OTHER CATEGORY:	
1	Care-taker / conductor / Lift Attender	237.00
2	Cook / Mess man	237.00
3	Dhobi	237.00
4	Diploma Engineer / Surveyor	350.00
5	Diver with headgear	288.00
6	Graduate / Laboratory Assistant	288.00
7	Graduate Engineer/ Geologist	400.00
8	Horticulture Assistant / Photographer	250.00

Labour rates		
SI No.	CATEGORY OF WORKER	S. Rate for 2010-11
1	2	3
9	ITI certificate holder / Tracer / Printer	288.00
10	Literate mazdoor	237.00
11	Stenographer / Computer Operator	300.00
12	Telephone / Wireless Operator	288.00
13	Typist / Job Typist	288.00
	NEW ITEMS:	
14	CAD operator with Diploma in Engineering/General degree with CAD certificate	350.00
15	Jeep Driver	250.00

Note: - 1) The wage should not be less than the minimum wages of schedule of employment, subject to out turn. 2) 25% extra over the corresponding labour rates in respect of the work to be done during night time subject to issue of certificate accordingly by the concerned estimate sanctioning authority for providing in the data and by concerned Executive Engineer in charge of the work for payment. The night time allowance is applicable only to the works done under Greater Hyderabad Municipal Corporation, Greater Visakhapatnam Municipal Corporation and Vijayawada Municipal Corporation limits only.

BASIC INPUT DATA FOR IRRIGATION WORK ITEMS

STATEMENT OF RATES FOR MATERIALS
FOR THE YEAR : 2010-11
GENERAL GUIDE LINES FOR REVISING RATES OF MATERIALS:

- 1 Average of the prevailing market rates, ignoring freak rates, is the criteria for Fixing market rates for materials.
- 2 The rates for materials is inclusive of all taxes, duties and other local levies.
- 3 The rates for materials is inclusive of seigniorage charges wherever applicable.
- 4 The rates for materials, except those for which lead charges are admissible as per the Statement of lead charges is for all leads.
5. The rates provided for useful rubble / stone chips from excavation shall be at dump yard.

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2010-11
1	2	3	4
1	Acetylene gas	cum	250.00
2	Asphalt 80/ 100 Grade	Kg	30.00
3	Binding wire	Kg	52.00
4	Burnt stone slab 10 cm thick	sqm	210.00
5	Cement 43 Gr (including loading charges)	tonne	3,700.00
6	Chequered plate	Kg	40.00
7	Coarse aggregate 10-4.75 mm(including seigniorage charges)	cum	750.00
8	Coarse aggregate 20-10 mm(including seigniorage charges)	cum	1025.00
9	Coarse aggregate 40-20 mm(including seigniorage charges)	cum	975.00
10	Coarse aggregate 80-40 mm(including seigniorage charges)	cum	560.00
	The aggregate rates mentioned above (from sl.no.7 to sl.no10) are inclusive of seigniorage charges of Rs.50/ cum, blasting charges of Rs.70/cum and 25% machine crushing charges. However , if the metal is obtained from hand broken , the blasting and crushing charges shall be deducted. The aggregate shall be HB Stone of Granite, Dolomite, Dolerite and Trap.(Quartzite and Basalt with aggregate Impact of Less than 20)		
11	Coir brush	Each	22.00
12	Copper sheet 16 SWG	kg	430.00
13	Coursed rubble stone 30 x 30 x 45 cm(including seigniorage charges)	Each	13.00
14	Coursed rubble stone 30 x 30 x 60 cm(including seigniorage charges)	Each	15.00
15	Curing Compound	litr	95.00
16	D - cord	Rm	10.00
17	Delay - noiseless trunk	Each	18.00
18	Detonating fuse coil	Rm	7.00
19	Detonating shock tube / Cord relays	Rm	50.00
20	Detonator delay type	Each	17.00
21	Detonator electric	Each	10.00
22	Detonator ordinary	Each	5.00
23	Empty cement bag	Each	3.00
24	Explosive ANFO	kg	27.00
25	Explosive ANFO high strength booster	kg	60.00
26	Explosive small dia (Kelvex-220 or equivalent)	kg	50.00
27	Fine aggregate / sand (unscreened)(including seigniorage charges)	cum	130.00
28	Fine aggregate / sand (screened)(including seigniorage charges)	cum	260.00
29	Geo-textile (filter fabric) 160 gsm	sqm	75.00

Basic Input Data Irrigation

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2010-11
1	2	3	4
30	Geo-textile (filter fabric) 200 gsm	sqm	90.00
31	Geo-textile (filter fabric) 250 gsm	sqm	110.00
32	G I Pipe 100 mm dia B Class	Rm	525.00
33	G I Pipe 15 mm dia A class	Rm	75.00
34	G I pipe 25 mm dia A class	Rm	110.00
35	G I pipe 40 mm dia B class	Rm	180.00
36	G I pipe 50 mm dia A class	Rm	220.00
37	G I Pipe 80 mm dia B Class	Rm	280.00
38	G.I Bolts / Nuts and Washers	kg	75.00
39	G.I sheet (plain)	tonne	44,000.00
40	Hariyala turfing sods	sqm	20.00
41	Hectometer stone one line dressed	Each	165.00
42	Hemp yarn	kg	55.00
43	Honne wood planks	cum	42,000.00
44	Hume pipe with collar 150 mm dia	Rm	210.00
45	Hume pipe with collar 300 mm dia	Rm	420.00
46	J- Bolts 30 cm long	Each	22.00
47	Jungle wood planks	cum	16,000.00
48	Khandki stone 15 to 20 cm height	Each	7.00
49	Khandki stone 20 to 25 cm height	Each	9.00
50	Khandki stone 25 to 30 cm height	Each	11.00
51	Kilometer stone one line dressed	Each	315.00
52	LDPE sheet (Geo membrane) 500 micron thick	sqm	63.00
53	LDPE sheet (Geo membrane) 750 micron thick	sqm	94.00
54	LDPE sheet (Geo membrane) 1000 micron thick	sqm	125.00
55	M S Bolts / Nuts / Washers	kg	50.00
56	Murum(including seigniorage charges and loading charges)	cum	72.50
57	Oxalic acid	ltr	55.00
58	Oxygen gas	cum	38.00
59	PVC sealing strip	Rm	34.00
60	PVC water stopper 310 mm wide	Rm	380.00
61	PVC pipe of 100 mm dia	Rm	135.00
62	Reinforcement steel (including loading charges) (HYSD/TMT)	tonne	34,000.00
63	Resin bond Cement capsule	Each	52.00
64	Rough stone 20 x 20 x 75 cm (Including Seigniorage Charges)	Each	11.00
65	Shahabad stone slab (including seigniorage charges and loading charges)	sqm	170.00
66	Stone chips (at dump yard / Spoil)(including seigniorage charges and loading charges)	cum	160.00
67	Stone chips (at quarry)(including seigniorage charges and loading charges)	cum	286.00
68	Structural steel angle / channel / beam / bars (including loading charges)	tonne	34,000.00
69	Structural steel plate / flats (including loading charges)	tonne	40,000.00
70	Super Plasticizer (Conplast RP-264 or equivalent)	kg	50.00
71	Synthetic Enamel paint 1st quality	ltr	175.00
72	Synthetic adhesive (Resin + Hardener)	Kg	180.00
73	Tar felt joint filler board 12 mm thick	sqm	320.00
74	Tar felt joint filler board 20 mm thick	sqm	520.00
75	Through stones 20 x 20 x 30 to 45 cm long(including seigniorage charges and loading charges)	Each	16.00

Basic Input Data Irrigation

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2010-11
1	2	3	4
76	Through stones 25 x 25 x 45 to 60 cm long(including seigniorage charges and loading charges)	Each	27.00
77	Through stones 30 x 30 x 65 to 75 cm long(including seigniorage charges and loading charges)	Each	38.00
78	Un-coursed rubble stones (at dump yard /Spoil)(including seigniorage charges and loading charges)	cum	140.00
79	Un-coursed rubble stones (at quarry)(including seigniorage charges and loading charges)	cum	230.00
80	Water proofing compound	kg	55.00
81	Welding electrodes 4 mm dia	Each	9.00
82	Wire brush	Each	30.00
83	Wire mesh 20 gauge	sqm	160.00
84	Zinc chromate red oxide primer paint	ltr	90.00
85	inorganic zinc silicate	ltr	440.00
86	solvent less coal tar epoxy paint	ltr	180.00
87	Zinc phosphate primer	ltr	155.00
88	Allkyd based iron oxide paint	ltr	120.00
89	cost of hdpe /light black MS casing pipe (150 mm Dia)	Rm	525.00
90	welded steel wire fabric 100X100X5 mm size	Kg	105.00

Basic Input Data Irrigation

ADDITIONAL MATERIALS FOR GATES & HOISTS
FOR THE YEAR : 2010-11

GUIDE LINES :

a. For cast steel / Alloy steel / Forged steel / Bronze, aluminum alloy components the rates shall be inclusive of cost of basic metal for these components, casting / forging charges, machining charges and applicable excise duty on finished alloy component.

	Basic metal / kg	Casting / machining or forging / kg	Excise duty on (1 + 2) %	Total rate / (1+2+3) Kg
	1	2	3	4
Cast steel components :(Basic metal - steel)	17.00	56.25	13.19	100
Wheel / Pulley / Hub / Plummer / Roller	17.00	64.69	14.7	95
Drum / Gear	17.00	73.13	16.22	105
Pinion				
Forged steel components : (Basic metal - structural steel				
Hook / Shackle	24.00	84.38	19.51	130
Alloy steel components : (Basic metal - alloy steel)				
Shaft (carbon steel)	60.00	61.88	21.94	145
Pin (stainless steel)	80.00	67.5	26.55	175
Bronze, aluminum alloy components : (Bronze alloy)				
Bearing / Bush	175.00	146.25	57.83	

b. The rate in the total rate column is rounded off to nearest Rs : 5.00.

c. For other materials the rates shall be prevailing market rates.

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2010-11
1	2	3	4
1	Alloy steel (IS : 1570-carbon steel) shafts	kg	145.00
2	Alloy steel (IS : 1570-stainless steel) pins	kg	275.00
3	Bolt / Nut / Washer (hot dipped galvanized)	kg	90.00
4	Bolt / Nut / Washer (stainless steel)	kg	200.00
5	Bronze/Aluminum alloy(IS:305)bearings/bushes	kg	550.00
6	Cast iron blocks	kg	55.00
7	Cast steel drums / gears	kg	110.00
8	Cast steel pinions	kg	155.00
9	Cast steel wheels / pulleys / hubs / rollers / retainers	kg	120.00
10	Chemical for de-greasing/ derusting/phosphate coating	ltr	100.00
11	Coal tar epoxy paint	ltr	130.00
12	Forged steel hooks / shackles	kg	175.00
13	MS pipe 200 / 300 mm dia	kg	120.00
14	MS pipe 32 mm dia	Rm	130.00
15	MS pipe 25 mm dia	Rm	115.00
16	Rubber bottom seal (IS : 11855)	Rm	530.00
17	Rubber side seal (music note type Teflon claded) (IS : 11855)	Rm	1000.00

Basic Input Data Irrigation

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2010-11
1	2	3	4
18	Rubber side seal (music note type uncladed) (IS : 11855)	Rm	850.00
19	Rubber side seal Z-type (IS : 11855)	Rm	1800.00
20	Rubber corner seal (Teflon claded) (IS : 11855)	Rm	2050.00
21	Rubber corner seal (un claded) (IS : 11855)	Rm	1850.00
22	Stainless steel plates / flats	kg	190.00
23	Welding electrode 4 mm dia x 450 mm (radiographic low hydrogen)	Each	11.00
24	Welding electrode 4 mm dia x 450 mm (stainless steel)	Each	18.00
25	Wire rope 6x37 constn (IS : 2266)	kg	120.00
26	Zinc	kg	120.00
27	Zinc rich (zinc content : 90 %) epoxy primer	ltr	385.00

**MATERIALS FOR POWER SUPPLY WORKS
FOR THE YEAR : 2010-11**

SI No.	Description of Material	Unit	S. Rate for 2010-11
1	Electric pole with fixtures	Each	3,000.00
2	Flood light 500 W	Each	250.00
3	Flood light set	Each	1,800.00
4	Flouscent tube light 40 W	Each	45.00
5	Flouscent tube light set	Each	300.00
6	HT / LT Circuit breaker with accessories	Set	198,000.00
7	HT / LT Line conductor	1000 m	14,500.00
8	PVC Armoured cable 10 sqmm and below	Rm	165.00
9	PVC Armoured cable 16 sqmm	Rm	245.00
10	PVC Armoured cable 25 sqmm	Rm	325.00
11	PVC Armoured cable 70 sqmm	Rm	550.00

DETAILS OF CAPITAL COST OF MACHINERY / EQUIPMENT**FOR THE YEAR: 2010-11****GUIDE LINES FOR FIXING CAPITAL COST OF MACHINERY / EQUIPMENT:**

1 The Capital cost of machinery / equipment shall be for new machinery / equipment and shall be inclusive of all taxes, duties, other levies.

2 The cost of transport vehicles / equipment shall be exclusive of cost of tyres and tubes.

3 The cost of drill rods / drill bits / air hose / water hose / road tax / insurance charges and other consumable accessories shall not be included in the capital cost.

4 In cases, where the current capital cost of machinery / equipment could not be collected through enquiries, the capital cost considered for previous year may be updated on the basis of average percentage increase / decrease in the index for machinery published in the R.B.I Bulletin.

SI No:	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2010-11
1	2	3	4
1	Agitator car / Transit mixer 2 cum (excluding tyres)	Each	1,700,000
	tyres and tubes 6 sets		63,000
2	Air compressor 5 cmm electric	Each	440,000
3	Air compressor 7 cmm diesel	Each	650,000
4	Air compressor 7 cmm electric	Each	630,000
5	Air compressor 8.5 cmm diesel	Each	750,000
6	Air compressor 8.5 cmm electric	Each	714,000
7	Air compressor 15 cmm electric	Each	900,000
8	Angle Dozer 90 hp	Each	3,800,000
9	Batching plant 0.5 cum with accessories	Each	950,000
10	Batching plant 2 x 1.00 cum with accessories	Each	2,500,000
11	Batching plant 2 x 1.50 cum with accessories	Each	3,200,000
12	Bending machine	Each	180,000
13	Clamp shell and hoisting ropes	Each	21,000
14	Concrete bucket 1.5 cum	Each	42,000
15	Concrete hand mixer 45/30 ltr	Each	10,500
16	Concrete mixer 300/200 ltr(diesel)	Each	115,000
17	Concrete mixer 300/200 ltr (electric)	Each	105,000
18	Concrete mixer 600/400 ltr(diesel)	Each	195,000
19	Concrete mixer 600/400 ltr (electric)	Each	160,000
20	Concrete paver 100 Sqm / hr	Each	1,700,000
21	Convey mucker (excluding tyres)	Each	2,900,000
	tyres and tubes 6 sets		63,000
22	Core drilling machine	Each	800,000
23	Diesel generating set 30 KVA	Each	340,000
24	Diesel generating set 50 KVA	Each	450,000
25	Diesel Loco 45 hp	Each	1,250,000
26	Dewatering pump 5 hp diesel	Each	30,000
27	Dewatering pump 5 hp electric	Each	15,750
28	Dewatering pump 10 hp diesel	Each	45,000
29	Dewatering pump 10 hp electric	Each	24,000
30	Dewatering pump 20 hp diesel	Each	130,000
31	Dewatering pump 20 hp electric	Each	45,000
32	Drifter	Each	658,000
33	Drilling jumbo (excluding tyres)	Each	960,000
	tyres and tubes 6 sets		63,000
34	Dumper 4.5 cum (excluding tyres)	Each	882,000

Basic Input Data Irrigation

SI No:	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2010-11
1	2	3	4
	tyres and tubes 6 sets		63,000
35	Geophysical Ele.resistivity meter	Each	288,000
36	Grouting pump	Each	73,000
37	Guniting / sand blasting equipment	Each	198,000
38	Ice plant with accessories 30 t / day	Each	1,732,000
39	Jack hammer	Each	40,000
40	Needle vibrator 40 mm petrol	Each	14,000
41	Needle vibrator 40 mm electric	Each	16,000
42	Needle vibrator 60 mm petrol	Each	14,700
43	Needle vibrator 60 mm electric	Each	18,900
44	Planing machine 4 m stroke	Each	553,000
45	Plate shearing machine up to 12 mm	Each	295,000
46	Pneumatic placer 0.5 cum	Each	420,000
47	Pneumatic tamper	Each	50,900
48	Pug cutting machine	Each	13,600
49	Pusher leg	Each	31,500
50	Road roller diesel 10 t	Each	630,000
51	Shovel 0.50 cum 75 hp	Each	2,400,000
52	Shovel 0.85 cum 110 hp	Each	4,090,000
53	Stationery derrick crane 5 t	Each	470,000
54	Tipper 5 cum (excluding tyres)	Each	1,195,000
	tyres and tubes 6 sets		63,000
55	Tipping tub 1.5 cum	Each	115,000
56	Tower crane 5 tonne	Each	5,700,000
57	Transformer 250 KVA	Each	300,000
58	Truck 10 t (excluding tyres)	Each	880,000
	tyres and tubes 6 sets		63,000
59	Truck mounted derrick crane 5 t (excluding tyres)	Each	1,500,000
	tyres and tubes 6 sets		63,000
60	Upright drilling machine	Each	42,000
61	Ventilation fan 20 hp	Each	131,000
62	Vibratory pad foot roller 8 t	Each	1,890,000
63	Wagon drill	Each	470,000
64	Water tanker 8000 ltr (excluding tyres)	Each	880,000
	tyres and tubes 6 sets		63,000
65	Welding set	Each	36,500
66	Winch 35 hp electric	Each	268,000

ACCESSORIES TO MACHINERY / EQUIPMENT FOR THE YEAR : 2010-11

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2010-11
1	2	3	4
1	Casing shoe bit	Each	7,800
2	Diamond core bit BX size	Each	9,400
3	Diamond core bit NX size	Each	14,500
4	Double tube core barrel	Each	10,500
5	Extension drill rod with coupling sleeve	Rm	1,550
6	Jack hammer drill rod 1.5 m	Each	3,100
7	Jack hammer drill rod 2.5 m	Each	5,200
8	Nozzle for Guniting / sand blasting gun	Each	525
9	Paving Cylinder	Each	21,000
10	Rails 30R (30 kg / m)	tonne	34,500
11	Reamer shell	Each	3,600
12	T.C.Cross bit 50 mm dia	Each	4,700
13	T.C.Cross bit 75 mm dia	Each	7,800
14	T.C.Cross bit 100 mm dia	Each	9,900
15	Tyres and Tubes for truck	Set	13,100
16	Wire rope 16 mm dia	Rm	155
17	Excavation of drain with Excavator	cum	21

AGGREGATE CRUSHING & PROCESSING PLANT

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2010-11
1	2	3	4
1	Jaw crusher 900 x 500 mm (120 tph) with 50 hp motor	Each	1,470,000
2	Jaw crusher 500 x 300 mm (60 tph) with 30 hp motor	Each	840,000
3	Jaw crusher 400 x 225 mm (10 tph) with 25 hp motor	Each	420,000
4	Jaw plates 900 x 500 mm (serreted)	Set	105,000
5	Jaw plates 500 x 300 mm (serreted)	Set	46,000
6	Jaw plates 400 x 225 mm (serreted)	Set	31,000
7	Nylon Conveyor belt 3 ply 600 mm width	Rm	1,575
8	Nylon Conveyor belt 3 ply 1000 mm width	Rm	2,600

OTHER COSTS ON MATERIAL / MACHINERY / EQUIPMENT FOR THE YEAR : 2010-11

- The rate provided for ' SUNDRIES ' (Lump sum provision for unquantified inputs in the data rates) shall be updated on the basis of general percentage increase / decrease in the market rates or on the basis of R.B.I ' All Commodity ' index.
- The rate for structural steel fabrication shall include cost of all materials (except structural steel), machinery, labour and one coat of primer painting.
- Demand charges and electric power charges shall be as per prevailing APCPDCL tariff.
- Rate of interest on capital cost shall be as approved by Govt or other competent authority.

Basic Input Data Irrigation

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2010-11
1	2	3	4
1	Air hose 25 mm dia	Rm	115.00
2	Air hose 50 mm dia	Rm	220.00
3	Demand charges (HT-2B) on power supply	KVA / month	195.00
4	Diesel	ltr	38.50
5	Electric power (HT-2B category) including tax	Kwhr	4.30
6	Excise duty on Gates / Hoist supplies	%	0.0%
7	Insurance charges on machinery	% / annum	1.00%
8	Interest on capital cost	% / annum	12.00%
9	Lubricants	ltr	190.00
10	Petrol	ltr	53.00
11	Rivets	kg	75.00
12	Road tax on transport vehicles	Rs./annum	13,000.00
13	Shalimastic sealing compound	kg	65.00
14	Shutter oil	ltr	50.00
15	Structural steel fabrication	kg	15.00
16	Sundries (Lump sum for un quantified inputs)	LS	30.00
17	Water hose (pressure) 20 mm dia	Rm	165.00
18	Steel wedges	LS	11.00
19	Elbows / Nipple / Plugs etc.,	LS	12.00
20	Soldering materials	LS	11.00
21	Steam circulation arrangement	LS	11.00
22	Fuel charges (gas for heating)	LS	11.00
23	Vulcanizing materials	LS	11.00
24	Other accessories / controls / junctions	LS	11.00
25	Miscellaneous fittings / switches etc	LS	11.00
26	Anchors / supports for cables / lights	LS	11.00
27	Civil works for foundations / pedestals / duct etc	LS	11.00
28	Gas cutting set (2 No's 15 m hose and nozzle unit)	EACH	10,000.00
29	Grease	Kg	145.00
30	Welding holder set (cable / holder / gloves / mask etc)	EACH	4,600.00
31	Use rate of ropes	LS	110.00

MATERIALS FOR GATES AND HOISTS**FOR THE YEAR : 2010-11**

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2010-11
1	Worm reducers	EACH	157,500
2	Electric motor 20 hp(Double Shaft)	EACH	84,000
3	Electric motor 17.5 hp(Double Shaft)	EACH	58,000
4	Electric motor 12.5 hp(Double Shaft)	EACH	46,500
5	Electric motor 5 hp(Double Shaft)	EACH	25,500
6	Electric motor 3 hp (Double Shaft)	EACH	17,500
7	Electric motor 2 hp (Double Shaft)	EACH	9,000
8	Floating shaft 300 mm dia	Kg	135
9	Manual operating system	EACH	21,000
10	Gate position indicator	EACH	120,000
11	Ele-magnetic brake	EACH	23,000
12	Electric cable / switch / control panel etc	LS	27,500
13	Wire rope sockets	EACH	2,750

Other "Over Heads" to be added in the Basic Data wherever applicable for Irrigation Work Items for the year 2010-11

Sl.No	Description	%	Category of works
1	Add for Contractors' Overheads and profit including Labour importation	14%	General
2	VAT @	4%	General
3	Add for blasting studies & monitoring vibrations etc @	0.50%	Canals & Allied Works
4	Add for shifting & re-erection of BP @	2%	Canals & Allied Works
5	Add for LH / RH shifting & erection of Paver @	0.50%	Canals & Allied Works
6	Add for ledge cutting / erection of tracks etc @	1%	Canals & Allied Works
7	Apportioned hire charges of machinery @ for lining slab	90%	Canals & Allied Works
8	Apportioned cost of labour @ for lining slabs	90%	Canals & Allied Works
9	Apportioned hire charges of machinery @ for lug slabs	10%	Canals & Allied Works
10	Apportioned cost of labour @ for lug slabs	10%	Canals & Allied Works
11	Add for repairs/ replacements/ catwalks etc., @	15%	Dam & Allied Works
12	Add for binding wire/ temporary supports etc., @	5%	Dam & Allied Works
13	Add for scaffolding @	2.5%	Tunnel & Allied Works
14	Add for labour for scaffolding @	2.5%	Tunnel & Allied Works
15	Add for scaffolding materials @	2.50%	Tunnel & Allied Works
16	Deduct salvage value on machinery @	10%	Hire Charges
17	Add for excise duty on 75% cost excluding cost of materials @	0.0%	Gates & Allied Works
18	Add for transportation up to work site @	3%	Gates & Allied Works
19	Add for Air and Water line @	1%	Tunnel & Allied Works
20	Add for Ventilation @	4.50%	Tunnel & Allied Works
21	Add for Lighting @	1.60%	Tunnel & Allied Works
22	Add for Ele sub-station / Demand charges @	2.5%	Tunnel & Allied Works
23	Add for conveyor system @	3%	Dam & Allied Works
24	Add for trestle bridge for tower crane truck @	4%	Dam & Allied Works

Materials other than covered under irrigation
For the year 2010-11
GENERAL GUIDE LINES FOR REVISING RATES OF MATERIALS:

- 1 Average of the prevailing market rates, ignoring freak rates, is the criteria for Fixing market rates for materials.
- 2 The rates for materials is inclusive of all taxes, duties and other local levies.
- 3 The rates for materials is inclusive of Seigniorage charges wherever applicable.
- 4 The rates for materials, except those for which lead charges are admissible as per the Statement of lead charges is for all leads.

Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
M-002	Quarried stone 150 - 200 mm size for Hand Broken (Excluding lead charges)	cum	130
M-003	Boulder with minimum size of 300 mm for Pitching	cum	145
M-004	Coarse Sand for filling(Including seigniorage charges)	cum	110
M-005	Coarse sand for Mortar (Including Seigniorage Charges)	cum	130
M-006	Fine sand (including seigniorage charges)	cum	Rate as per item no.28 , material rates of Irrigation
M-007	Moorum (including seigniorage charges)	cum	Rate as per item no.56 , material rates of Irrigation
M-008	Gravel/Quarry spall	Cum	72.5
M-009	Granular Material or hard murrum for GSB works	Cum	Deleted
M-010	Granular Material or hard murrum for GSB works	Cum	Rate as per item no.56 of material rates of Irrigation
M-011	Fly ash conforming to IS: 3812 (Part II & I)	Cum	42
	For item No.M-012 to M-029 the note shall be as follows 1) The rates mentioned are inclusive of Seigniorage charges of Rs.50/ cum, blasting charges of Rs.70/cum and 25% machine crushing charges. However, if the metal is obtained by hand broken, machine crushing charges shall be deducted. 2)If the material is obtained by hand broken from surface boulders/canal spoil ,the blasting and crushing charges shall be deducted. 3)The material shall be HB Stone of Granite, Dolomite, Dolerite and Trap.(Quartzite and Basalt with aggregate impact of less than 20)		
M-012	Filter media/Filter Material as per Table 300-3 (MoRT&H Specification)	Cum	305
M-013	Close graded Granular sub-base Material 53 mm to 9.5 mm	cum	605
M-014	Close graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	625
M-015	Close graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	645
M-016	Close graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	545

Other Dept's Basic Data

Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
M-017	Close graded Granular sub-base Material 9.5 mm to 2.36 mm	cum	535
M-018	Close graded Granular sub-base Material 4.75mm to 2.36 mm	cum	475
M-019	Close graded Granular sub-base Material 4.75mm to 75 micron mm	cum	455
M-020	Close graded Granular sub-base Material 2.36 mm	cum	455
M-021	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve.	cum	255
M-022	Coarse graded Granular sub-base Material 2.36 mm & below	cum	415
M-023	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm	cum	445
M-024	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm	cum	445
M-025	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	520
M-026	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm	cum	565
M-027	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	615
M-028	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	625
M-029	Coarse graded Granular sub-base Material 53 mm to 26.5mm	cum	765
	For item No.M-030 & M-055 the note shall be as follows 1) The rates mentioned are inclusive of Seigniorage charges of Rs.50/ cum, blasting charges of Rs.70/cum and 25% machine crushing charges. However, if the metal is obtained by hand broken, machine crushing charges shall be deducted. 2) If the material is obtained by hand broken from surface boulders/canal spoil, the blasting and crushing charges shall be deducted. 3)The material shall be HB Stone of Granite, Dolomite, Dolerite and Trap.(Quartzite and Basalt with aggregate impact of less than 20)		
M-030	Aggregates below 5.6 mm	cum	505
M-031	Aggregates 22.4 mm to 2.36 mm	cum	805
M-032	Aggregates 22.4 mm to 5.6 mm	cum	905
M-033	Aggregates 45 mm to 2.8 mm	cum	630
M-034	Aggregates 45 mm to 22.4 mm	cum	975
M-035	Aggregates 53 mm to 2.8 mm	cum	805
M-036	Aggregates 53 mm to 22.4 mm	cum	765
M-037	Aggregates 63 mm to 2.8 mm	cum	625
M-038	Aggregates 63 mm to 45 mm	cum	595
M-039	Aggregates 90 mm to 45 mm	cum	560
M-040	Aggregates 10 mm to 5 mm	cum	750
M-041	Aggregates 11.2 mm to 0.09 mm	cum	630
M-042	Aggregates 13.2 mm to 0.09 mm	cum	705
M-043	Aggregates 13.2 mm to 5.6 mm	cum	805
M-044	Aggregates 13.2 mm to 10 mm	cum	895
M-045	Aggregates 20 mm to 10 mm	cum	1025
M-046	Aggregates 25 mm to 10 mm	cum	985
M-047	Aggregates 19 mm to 6 mm	cum	905
M-048	Aggregates 37.5 mm to 19 mm	cum	960
M-049	Aggregates 37.5 mm to 25 mm	cum	945
M-050	Aggregates 6 mm nominal size	cum	655

Other Dept's Basic Data

Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
M-051	Aggregates 10 mm nominal size	cum	820
M-052	Aggregates 13.2/12.5 mm nominal size	cum	980
M-053	Aggregates 20 mm nominal size	cum	1175
M-054	Aggregates 25 mm nominal size	cum	1155
M-055	Aggregates 40 mm nominal size	cum	745
M-056	AC pipe 100 mm dia	metre	Rate as per PH item
M-057	Acrylic polymer bonding coat	litre	370
M-058	Aluminum Paint	litre	270
M-059	Aluminum alloy plate 2mm Thick	sqm	275
M-060	Aluminum alloy/Galvanised steel	tonne	50000
M-061	Aluminum sheeting fixed with encapsulated lens type reflective sheeting including 2% towards lettering, cost of angle iron, cost of drilling holes, nuts, bolts etc. and signs as applicable	sqm	740
M-062	Aluminum studs 100 x 100 mm fitted with lens reflectors	No's	As per local market rate
M-063	Barbed wire	kg	60
M-064	Bearing (Cost of parts)	No's	450
M-065	Bearing (Cast steel rocker bearing assembly of 250 tonne)	No's	630
M-066	Bearing (Elastomeric bearing assembly consisting of 7 internal layers of elastomer bonded to 6 nos. internal reinforcing steel laminates by the process of vulcanisation,)	Cm ³	0.5
M-067	Bearing (Forged steel roller bearing of 250 tonne)	No's	As per Market Competitive rates.
M-068	Bearing (Pot type bearing assembly consisting of a metal piston supported by a disc, PTFE pads providing sliding surfaces against stainless steel mating together with cast steel assemblies/fabricated structural steel assemblies duly painted with all components	No's	
M-069	Bearing (PTFE sliding plate bearing assembly of 80 tonnes)	No's	
M-070	Bearing (Supply of sliding plate bearing of 80 tonne)	No's	
M-071	Bentonite	kg	5.5
M-072	Binding wire	kg	Rate as per item no.3 , material rates of Irrigation
M-073	Bitumen (Cationic Emulsion)	tonne	As per rates fixed by R&B Dept based on refinery rates
M-074	Bitumen (60-70 grade)(Excluding taxes)	tonne	As per rates fixed by R&B Dept based on refinery rates
M-075	Bitumen (80-100 grade) (Excluding taxes)	tonne	
M-076	Bitumen (Cutback)	tonne	
M-077	Bitumen (emulsion)(Excluding taxes)	tonne	
M-078	Bitumen (modified graded)	tonne	
M-079	Brick	each	As per Building SOR
M-080	C.I. shoes for the pile	kg	42

Other Dept's Basic Data

Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
M-081	Cement	tonne	Rate as per item no.5 , material rates of Irrigation
M-082	Cold twisted bars (HYSD/TMT Bars)	tonne	Rate as per item no.62 , material rates of Irrigation
M-083	Collar for joints 300 mm dia	No's	125
M-084	Compressible Fibre Board(20mm thick)	sqm	420
M-085	Connectors/ Staples	each	63
M-086	Copper Plate(12m long x 250mmwide)	kg	390
M-087	Corrosion resistant Structural steel	tonne	44000
M-088	Corrugated sheet, 3 mm thick, "Tie" beam section railing	kg	150
M-089	Credit for excavated rock found suitable for use	cum	110
M-090	Curing compound	liter	Rate as per item no.15 , material rates of Irrigation
M-091	Delineators from ISI certified firm as per the standard drawing given in IRC - 79	each	As per local competitive quotations
M-092	Earth Cost or compensation for earth taken from private land (Excluding seigniorage charges) (Vide ENC/IW-Correction slip-1)	cum	25
M-093	Elastomeric slab seal expansion joint assembly manufactured by using chloroprene, elastomer for elastomeric slab unit conforming to clause 915.1 of IRC: 83 (part II),	metre	As per local competitive quotations
M-094	Electric Detonators @ 1 detonator for 1/2 gelatin stick of 125 gms each	100 no's	1050
M-095	Epoxy compound with accessories for preparing epoxy mortar	kg	275
M-096	Epoxy mortar	kg	85
M-097	Epoxy primer	kg	480
M-098	Epoxy resin-hardner mix for prime coat	kg	500
M-099	Flag of red color cloth 600 x 600 mm	each	21
M-100	Flowering Plants	each	27
M-101	Galvanised MS flat clamp	No's	160
M-102	Galvanised steel wire crates of mesh size 100 mm x 100 mm woven with 4mm dia. GI wire in rolls of required size.	sqm	135
M-103	Galvanised structural steel plate 200 mm wide, 6 mm thick, 24 m long	kg	735
M-104	Gelatin 80%	kg	525
M-105	Geo grids	sqm	As per local competitive quotations
M-106	Geo membrane	sqm	Rate covered from sl.no.52 to 54 of material items of

Other Dept's Basic Data

Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
			Irrigation
M-107	Geo nets	sqm	As per local competitive quotations
M-108	Geo textile	sqm	Rate covered from sl.no.29 to 31 of material items of Irrigation
M-109	Geo textile filter fabric	sqm	As per local competitive quotations
M-110	GI bolt 10 mm Dia	No's	18
M-111	Grouting pump with agitator	hour	Rate covered in hire charges of machinery of Irrigation items
M-112	Grass (Doob)	kg	3.30
M-113	Grass (Fine)	kg	4.5
M-114	HDPE pipes 75mm dia	metre	Rate as per PH items
M-115	HDPE pipes 90mm dia	metre	
M-116	Hedge plants	each	Rate as per local competitive quotations
M-117	Helical pipes 600mm diameter	metre	
M-118	Hot applied thermoplastic compound	litre	
M-119	HTS strand	tonne	
M-120	Joint Sealant Compound	kg	
M-121	Jute netting, open weave, 2.5 cm square opening for seeding and Mulching	sqm	70
M-122	LDO for steam curing	litre	50
M-123	M.S. Clamps	kg	Deleted
M-124	M.S. Clamps	kg	Rate as per local competitive quotations
M-125	M.S. shoes @ 35 Kg per pile of 15 m	kg	Rate as per local competitive quotations
M-126	Mild Steel bars	tonne	33000
M-127	Modular strip/box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and up to 140mm assembly comprising of edge beams, central beam, 2 modules chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorised representative	metre	Rate as per local competitive quotations
M-128	Modular strip/box seal expansion joint catering to a horizontal	metre	Rate as per local

Other Dept's Basic Data

Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
	movement beyond 140mm and up to 210mm box/box seal joint assembly containing 3 modules/cells and comprising of edge beams, two central beams, chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorised representative		competitive quotations
M-129	Nipples 12mm	No's	13
M-130	Nuts and bolts	kg	65
M-131	Paint	litre	As per building SOR
M-132	Pavement Marking Paint	litre	Rate as per local competitive quotations
M-133	Paving Fabric	Sqm	
M-134	Perforated geo synthetic pipe 150 mm dia	metre	
M-135	Perforated pipe of cement concrete, internal dia 100 mm	metre	
M-136	Pesticide	kg	Rate as per local competitive quotations
M-137	R.C.C Pipes 200 mm dia, 2.5 m long for drainage	metre	Rate as per PH item
M-138	Plastic sheath, 1.25 mm thick for dowel bars	Sqm	Rate as per local competitive quotations
M-139	Plastic tubes 50 cm dia, 1.2 m high	No's	
M-140	Polymer braids	metre	
M-141	Pre moulded Joint filler, 25 mm thick for expansion joint.	Sqm	
M-142	Pre-coated stone chips of 13.2 mm nominal size	cum	
M-143	Preformed continuous chloroprene elastomer or closed cell foam sealing element with high tear strength, vulcanised in a single operation for the full length of a joint to ensure water tightness.	metre	Rate as per local competitive quotations
M-144	Pre-moulded asphalt filler board	Sqm	
M-145	Pre-packed cement based polymer concrete of strength 45 Mpa at 28 days	kg	Rate as per local competitive quotations
M-146	Primer	kg	As per building SOR
M-147	Quick setting compound	kg	As per local market rate
M-148	Random Rubble Stone	cum	205
M-149	RCC Pipe NP 4 heavy duty non pressure pipe 1000 mm dia	metre	Rate as per PH items
M-150	RCC Pipe NP 4 heavy duty non pressure pipe 1200 mm dia	metre	
M-151	RCC Pipe NP 4 heavy duty non pressure pipe 300 mm dia	metre	
M-152	Reflectorising glass beads	kg	Rate as per local competitive quotations
M-153	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Copper Strips)	metre	
M-154	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Galvanised carbon steel strips)	metre	
M-155	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Glass reinforced polymer/ fiber reinforced	metre	

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Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
	polymer/polymeric strips)		
M-156	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Stainless steel strips)	metre	
M-157	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. Aluminum strips)	metre	
M-158	Rivets	each	3.5
M-159	Sand bags (Cost of sand and Empty cement bag)	No's	14
M-160	Sapling 2 m high 25 mm dia	each	Rate as per local competitive quotations
M-161	Scrap tyres of size 900 x 20	No's	55
M-162	Seeds(Grass)	kg	13
M-163	Selected earth	cum	65
M-164	Separation Membrane of impermeable plastic sheeting 125 micron thick	sqm	Rate as per local competitive quotations
M-165	Sheathing duct	metre	
M-166	Shrubs	each	11
M-167	Sludge / Farm yard manure @ 0.18 cum per 100 sqm at site of work for turfing	cum	Rate as per local competitive quotations
M-168	Sodium vapour lamp	each	As per building SOR
M-169	Square Rubble Coursed Stone	cum	1680
M-170	Steel circular hollow pole of standard specification for street lighting to mount light at 5 m height above deck level	each	Rate to be obtained from Electricity/ Municipal Departments
M-171	Steel circular hollow pole of standard specification for street lighting to mount light at 9 m height above road level	each	
M-172	Steel drum 300 mm dia 1.2 m high/empty bitumen drum	No's	As per local competitive market rate
M-173	Steel helmet and cushion block on top of pile head during driving.	kg	
M-174	Steel pipe 25 mm external dia as per IS:1239	metre	210
M-175	Steel pipe 50 mm external dia as per IS:1239	metre	420
M-176	Steel wire rope 20 mm	kg	135
M-177	Steel wire rope 40 mm	kg	155
M-178	Strip seal expansion join	metre	Rate as per local competitive quotations
M-179	Structural Steel(HYSD/TMT bars)	tonne	34000
M-180	Super plasticizer admixture IS marked as per 9103-1999	kg	Rate as per item no.70 , material rates of Irrigation
M-181	Synthetic Geo grids as per clause 3102.8 and approved design and specifications.	sqm	Rate as per local competitive quotations
M-182	Through and bond stone	each	Rate covered from sl.no.75 to

Other Dept's Basic Data

Other Dept's Basic Data			
Sl. No.	Description	Unit	S. Rate for 2010-11
1	2	3	4
			77 of material items of Irrigation
M-183	Tie rods 20mm diameter	No's	35
M-184	Tiles size 300 x 300 mm and 25 mm thick	each	As per Building SOR
M-185	Timber	cum	
M-186	Traffic cones with 150 mm reflective sleeve	No's	Rate as per local competitive quotations
M-187	Tube anchorage set complete with bearing plate, permanent edges etc	No's	
M-188	Un slaked lime	tonne	1900
M-189	Water	KiloLitre	70
M-190	Water based cement paint	litre	As per building SOR
M-191	Welded steel wire fabric	kg	110
M-192	Wire mesh 50mm x 50mm size of 3mm wire	kg	185
M-193	Wooden ballies 2" Dia for bracing	each	As per Building SOR
M-194	Wooden ballies 8" Dia and 9 m long	each	
M-195	Wooden packing	cum	950
M-196	Wooden staff for fastening of flag 25 mm dia, one m long	each	55
Item 8.3	Printing new letter and figures of any shade (ii) English Roman	per cm height per letter	1.10
Item 8.8	Painting Two Coats on New Concrete Surfaces	sqm	As per Building SOR
Item 8.9	Painting angle iron post two coats	sqm	
New Items			
1	Benching old embankment slopes 0.45 X 0.45 M	RM	2.40
2	Filling sand bags and laying in position at work site, complete including CP & OH charges	per bag	17.10
3	Rough stone for revetment 225mm thick (including seigniorage charges)	Cum	121.00

BUILDING ITEMS

(The Schedule of Rates will be finalised by the Committee constituted vide
G.O.Rt.No.471 TR&B(R1) Dept Dt.20-4-2007)

PUBLIC HEALTH ITEMS

PUBLIC HEALTH ITEMS

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
1	RATES OF LABOUR (SKILLED WORKMEN)		
	1. Caulker	Per Day	As per Labour rates of SOR
	2. Plumber 1st Class	Per Day	
	3. Plumber 2nd Class	Per Day	
	4. Sewer Cleaner	Per Day	
	5. Well Sinker	Per Day	
	6. Pipe line Fitter 1st Class	Per Day	
	7. Pipe line Fitter 2nd Class	Per Day	
	8. Pump Driver	Per Day	
	9. Bore Mechanic	Per Day	
	10. Light Vehicle Driver	Per Day	
	Note: The rate at relevant item in common SOR is applicable for occasional employment.		
2	RATES FOR EARTH WORK :		
a.	Earth work excavation in all soils for pipe lines, for drainage and water supply, where the depth is more than 1.5 times the width.		To follow the relevant items of Irrigation work items as per AP. Standard data
b.	Earth work excavation in all soils for pipe lines, for drainage and water supply, where the depth is less than 1.5 times the width.		
c.	Earth work excavation in all soils for open trenches, for valve pits, inspection chambers, etc.		
3. a.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is more than 1.5 times the width, in places where there is no habitation.		To follow the relevant items of Irrigation work items as per AP. Standard data
b.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is less than 1.5 times the width, in places where there is no habitation.		
c.	Cutting rock for pipe line trenches by hammers, nuckles and chisels including stacking where the depth is 1.5 times or more than the width.		
d.	Cutting rock for pipe line trenches by hammers, nuckles and chisels including stacking where the depth is less than 1.5 times the width.		
e.	Cutting rock for works other than pipe lines trenches by hammers, nuckles and chisels including stacking.		
f.	For controlled blasting at restricted places		
	NOTE :- Rock should be measured in solids. In case it is not possible, stacks should be made in which case 40% for voids to be deducted from the stack measurements.		
4	Loading or unloading materials such as C.I. Pipes, PVC Pipes, AC Pressure Pipes, DI Pipes, SW Pipes, PVC Pipes, A.C/Specials less than 300 mm dia up to 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	Stoneware pipes & Specials	Per Tonne	
d.	P.V.C. Pipes and fittings	Per Tonne	
5	Loading or unloading materials such as C.I. Pipes, DI pipes, SW pipes, AC pressure pipes & fittings/ specials from 300 mm to 600 mm dia up to 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
c.	Stoneware pipes & Specials	Per Tonne	
6	Loading or unloading materials such as C.I. Pipes, DI pipes, PVC pipes, AC pipes less than 300 mm dia, above 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	P.V.C. Pipes and fittings	Per Tonne	
7	Loading or unloading materials such as C.I. Pipes, DI pipes, AC pipes from 300 mm to 600 mm above 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
	Note:- For loading and unloading the above materials at Railway Stations, the rates may be adopted based on the competitive quotations or the hammalae charges if prevailing.		
8. a.	Lowering C.I. / D.I. Pipes (all classes) and specials (fittings) with s/s ends carefully into trenches and laying them true to alignment and gradient including all sundries but excluding cost and conveyance of pipes from source of supply (Ref to specifications. BIS No.3114/1994)		
	DIAMETER OF PIPE/Fittings in mm :		To follow as per AP. Standard data
	80mm to 1000mm dia	Per Metre	
8. b.	Lowering C.I. / D.I. Pipes (all classes) and specials (fittings) with flanged ends carefully into trench and laying them true to alignment and gradient including all sundries but excluding cost and conveyance of pipes from source of supply. (Reference to specifications. BIS No.3114/1994)		
	DIAMETER OF PIPE/Fittings in mm :		To follow as per AP. Standard data
	80mm to 750mm dia		
	800	Per Metre	361.00
	900	Per Metre	469.00
	1000	Per Metre	610.00
9. a.	Jointing CI /DI pipes & fittings with s/s ends including cost of pig lead, hemp yarn and sundries such as cost of fuel for melting lead, filling with water with lead up to 500m and testing to required pressure complete. (Reference to specifications. BIS No.3114/94/12288:1997)		
	DIAMETER OF PIPE/Fittings in mm :		To follow as per AP. Standard data
	80mm to 800mm		
	900	Each Joint	10384.00
	1000	Each Joint	11600.00
9. b.	Jointing C.I., D.I. pipes and fittings with rubber gasket (push-on-joint), excluding the cost of the gasket but including all sundries filling with water, with a water lead up to 500m and testing to required pressure, etc. complete (Reference to specifications IS 3114/1994/12888/1997)		
	DIAMETER OF PIPE/Fittings in mm :		To follow as per AP. Standard data
	80mm to 1000mm dia	Each Joint	
10	Jointing CI pipes, fittings and valves with flanged ends including cost of jointing materials such as bolts, rubber insertion, white lead including filling with water, with lead up to 500 meters and testing to required pressure complete. (Reference to specifications. BIS No.3114/1994.)		
	DIAMETER OF PIPE/Fittings/ valve in mm :		To follow as per AP. Standard data
	80mm to 750mm dia	Each Joint	
	800	Each Joint	4312.00

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	900	Each Joint	5071.00
	1000	Each Joint	5841.00
11a	Lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:1.5), hemp yarn etc., and testing including filling with water with a water lead up to 500 metres excluding cost of rubber rings as per BIS No.783/85.		
	per every 25 mm dia.	Per Metre	12.00
11b	Lowering the RCC S/S pipes carefully into the trenches laying them true to alignment and gradient, jointing with rubber rings and testing including filling with water with a water lead up to 500 meters <u>including cost of rubber rings</u> as per BIS No. 783/1985		
	per every 25 mm dia.	Per Metre	To follow as per AP. Standard data
	80mm to 600mm		
	700		199.00
	800		239.00
	900		286.00
	1000		343.00
12	Lowering and Jointing G.I. pipes and specials / fittings including excavation of trench of 0.5m width and 0.50 m depth in all soils except rock requiring blasting and refilling trenches after laying and jointing pipes and also including cost of jointing materials but excluding the cost of pipes. Reference to specifications. BIS No.783/85		
a	G.I. PIPES :		
	DIA in mm		To follow as per AP. Standard data
	15mm to 150mm	Per Metre	
b	Laying, jointing of PVC/HDPE pipes as per BIS No.7634 part-III/75 for PVC and BIS No.7634 part-II/75 for HDPE pipes.		
	DIA in mm		
	50	Per Metre	19.00
	40	Per Metre	19.00
	32	Per Metre	19.00
	25	Per Metre	17.00
	20	Per Metre	16.00
	NOTE :- (i) The above rates are applicable for the works in District only.		
	(ii) If the depth of excavation is more than 0.5 m separate rates to be worked out.		
13	Lowering and laying in ready made trench true to alignment and gradient, jointing, and testing of <u>Stone ware pipes</u> including cost of jointing material such as cement mortar (1:1) proportion and hemp yarn but excluding cost and conveyance of pipe. (Reference to specifications BIS No. 6530/72)		
	DIA of Pipes in mm.		To follow as per AP. Standard data
	100mm to 450mm	Per Metre	
14	Lowering, laying, jointing and testing to hydraulic test pressure including cost of water with minimum water lead of 500m for <u>UPVC pressure pipes</u> in ready made trenches true to alignment and gradient including all sundries but excluding cost & conveyance of pipes from source of supply and jointing materials as per BIS No. 7634 - Part III - 1975		

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	DIA of Pipes in mm .		To follow as per
	63mm to 315mm	Per Metre	AP. Standard data
15	Laying and jointing of HDPE pipes by butt fusion welding as per IS:7634 – part-II/1975 as amended from time to time to the alignment and gradient and testing the pipeline to the required pressure.		
	Outer Dia of pipes in MM		
	63	Per Metre	24.00
	75	Per Metre	26.00
	90	Per Metre	30.00
	110	Per Metre	34.00
	125	Per Metre	41.00
	140	Per Metre	44.00
	160	Per Metre	47.00
	180	Per Metre	52.00
	200	Per Metre	56.00
	225	Per Metre	62.00
	250	Per Metre	66.00
	280	Per Metre	73.00
	315	Per Metre	144.00
	355	Per Metre	160.00
	400	Per Metre	178.00
	450	Per Metre	198.00
	NOTE:- For item 9 to 16 the element of testing charges is to be considered as 20% of the combined rate for laying, jointing and testing. This 20% shall be released only after satisfactory testing of the pipe line to the required pressure.		
16	Lowering, keeping in position and fixing C.I. sluice valves (with cap / with hand wheel & Reflex valves) excluding cost of bolts, nuts, rubber insertion, sluice valve and tail pieces		
	Dia of Valve in mm.		To follow as per
	80mm to 450mm	Each	AP. Standard data
17	Labour charges for fixing <u>Air valves</u> including boring the mains and threading the bore fixing nipple etc., complete.		
	Dia of Air valve in mm.		
	25	Each	To follow as per
	40	Each	AP. Standard data
	50	Each	108.00
	65	Each	114.00
	80	Each	125.00
	100	Each	147.00
	125	Each	229.00
	150	Each	250.00
18	Labour charges for fixing Kinetic Air Valves with isolating Sluice valves, Double Air valves/ Air Cushion valve excluding cost of jointing materials such as bolts, nuts and rubber insertions etc., complete.		
	Dia of Air valve in mm.		
	25	Each	88.00
	40	Each	101.00
	50(Double Air valves)	Each	107.00
	65	Each	114.00
	80	Each	125.00
	100	Each	146.00

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	125	Each	228.00
	150	Each	249.00
19	Providing and fixing spindle fire hydrant with 65 mm outlet. Complete with bolts, nuts, and rubber insertion etc. complete but excluding cost of Materials.		
	65 mm	Each	To follow as per AP. Standard data
	80 mm	Each	125.00
20	Uprooting C.I./ DI Pipes by melting the lead, loosening the joints, scraping the pipes, hoisting and keeping within a lead of 10 m but excluding earth work excavation and refilling.		
	80mm to 600mm	Per Metre	To follow as per AP. Standard data
21	Uprooting of RCC pipes including breaking the collars, loosening the joint, separating the pipes, hoisting and keeping within a lead of 10 m but excluding earthwork excavation and refilling.	Per Metre	
	100mm to 300mm		To follow as per AP. Standard data
22	Removing old G.I. pipes and specials / fittings and cleaning, scraping the pipes, hoisting and keeping with in 50m lead but excluding earth work excavation of trenches and refilling.		
	Dia of Pipes in mm		
	15mm to 50mm	Per Metre	To follow as per AP. Standard data
23	Cutting C.I./ DI Pipes without water in mains. Dia of pipes in mm.		
	Dia of Pipes in mm		
	80mm to 600mm	Each cut	To follow as per AP. Standard data
	680	Each cut	302.00
24	Cutting A.C. Pipes without water in mains. Dia of pipes in mm.		
	Dia of Pipes in mm		
	80	Each cut	20.00
	100	Each cut	20.00
	125	Each cut	20.00
	150	Each cut	20.00
	200	Each cut	21.00
	250	Each cut	33.00
	300	Each cut	33.00
	350	Each cut	42.00
	400	Each cut	46.00
	450	Each cut	57.00
	500	Each cut	64.00
	600	Each cut	70.00
25	Drilling and tapping CI/ DI / GI Main and fixing brass screw down ferrule and plug.		
	10 mm to 20mm	Each Tapping	To follow as per AP. Standard data
	25 mm to 40mm	Each Tapping	
26	Cutting road surface including stacking of excavated materials for pipe line trench work.		
	a) Cutting open B.T. road surface (as well as asphalt concrete up to 75 mm thick) including water bound macadam	10 Sqm	372.00

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	b) Cutting open C.C. road surface	1 Cum	1035.00
	c) Cutting open water bound macadam road including soiling	1 Cum	127.00
27	Bailing out water.(For PH item)		
	a) Bailing out water from the pipe line trenches with oil engine driven pump sets, including hire charges, fuel charges and wages for Driver and Helper.	HP/Hour	30.00
	b) Bailing out water from the pipe line trenches with Electric Driven pump set including hire charges, current charges and wages for Driver and Helper.	HP/Hour	22.00
	NOTE:- The rate is payable on the total H.P. hours ignoring fractions less than 0.5 HP hour and rounding off 0.5 HP hour or more to the next higher integer.		
28	Shoring and strutting of trenches for water and sewer main.		
	a) Single Staging from (0 to 2.5 Mts.)	10 Sqm of Shoring area	To follow as per AP. Standard data
	b) Double staging from (2.5 m to 4.5 Mts.)	10 Sqm of Shoring area	
29	Barricading, hoarding, lighting and watching etc., for water supply and sewerage works for trenches.	10 RM	To follow as per AP. Standard data
30	Excavation of trenches for infiltration galleries, syphon lines and connecting mains in all soils under water including all leads, lifts, shoring, strutting, bailing out water and removal of shoring and strutting materials, after completion of pipe line work.		
	a) 0 to 1 m deep under water.	10 Cum	7952.00
	b) 1 to 2 m deep under water.	10 Cum	11391.00
	c) 2 to 5 m deep under water.	10 Cum	17099.00
	d) Beyond 5 m deep under water for every additional 1 m depth over item 'c'	10 Cum	3267.00
	NOTE:- The above rates do not include rock requiring blasting or chiseling		
31	Laying and jointing glazed <u>stoneware pipes</u> including loose jointing with cement fillets and all other incidental charges for infiltration gallery, inclusive of bailing out water by pumping to keep the trench reasonably dry to facilitate the work excluding cost of Stone Ware pipes.		
	a) 200 mm to 400 mm	Per Metre	359.00
32	Laying and jointing <u>perforated RCC pipes</u> inclusive of bailing out water and jointing with cement fillets and all other incidental charges for infiltration gallery inclusive of bailing out water by pumping to keep the trench reasonably dry to facilitate the work excluding cost of perforated pipes and collars.		
	per every 25 mm dia.	Per Metre	24.00
33	Centering and scaffolding charges for RCC members including all materials and labour charges for forming and dismantling.		
a)	for R C C Elevated Service Reservoir of staging up to 15 metre below L W L.		
	1) Slabs for thickness (150 mm to 300 mm)	One Sqm of Centering area	1936.00
	2) Slabs for thickness above (300 mm)		3871.00
	3) Side walls curved surfaces.		1463.00
	4) Side wall straight surfaces.		1302.00
	5) Dome.		1585.00

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	6) Roof Slab.		976.00
	7) Column footing.		1067.00
	8) Column braces and beams		653.00
	9) Circular braces, ring beams & circular column.		715.00
	Note:- For RCC ELSR of staging above 15 m, the % increase in these rates shall be as follows. 15-18 m --- 9% 18-21m --- 15% 21-24 m --- 21% 24 m -27m --- 27% above27m --- 30%		
b)	For Ground level works :-		
	1) Slabs	1 Sqm	To follow as per AP. Standard data
	2) Beams & Lintels	1 Sqm	
	3) Sun shades	1 Sqm	
	4) RCC vertical walls of plane surface up to 3 m height such as ground level tanks clarifiers and sludge digesters etc.	1 Sqm	572.00
	5) RCC vertical walls of circular faces up to 3 m height.	1 Sqm	729.00
	NOTE:- Scaffolding for every extra height of 1 m or part thereof but not less than 0.5 m.	10 Sqm	
34	Lift or delift of materials :		
	a) Lifting of cement concrete for RCC elevated reservoir. For every 3 m height or part thereof over the initial lift of 5 m	1 Cum	91.00
	b) Delifting the materials such as stones, concrete etc., for concrete below ground level for construction of masonry ground level reservoirs, construction of masonry ground level reservoirs, inspection wells, test wells and sump wells etc., for every 2 m depth or part thereof beyond the initial depth of 4 meters from ground level.	1 Cum	28.00
35	Labour charges for fixing ventilating shafts complete with all accessories.	Each	To follow as per AP. Standard data
36	Labour charges for fixing water closets including fixing of foot rests (for all sizes).	Each	Relevant Building SOR items.
37	Labour charges for fixing of flushing cistern including fixing of flush pipes, lead pipe, jointing etc., complete	Each	
38	Labour charges for fixing wash hand basin including fixing of inlet and waste pipe connections etc., complete	Each	
39	Fixing urinal with inlet and waste pipe connections etc., complete.	Each	
40	Refilling the trench for pipe line with excavated earth including watering and tamping etc., complete	10 Cum	
41 a)	Extra allowance for isolated scattered works viz., valve pits / chambers, public fountains, meter pits and manholes, delivery cistern etc., complete.	Each	25% extra over the cost of chamber.
41 b)	Repairs to the existing mains, interconnections, replacement of valves/specials etc., including the cutting ,jointing, bailing out of water, drying, earth work excavation etc., complete.		100% extra over the cost of work
42	Removal of wet silt and sludge from sullage drains with aid of baskets and vessels.	10 Cum	1042.00
43	Well sinking in sandy and other loose soils under water either by manual labour, divers, or dredgers, weighting the top of staging to assist sinking etc., including dewatering and other incidental charges such as hire charges for mechanical equipment etc		
	Up to 2 m below GL/m	Per metre	To adopt as per

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	From 2 to 4 m below GL/m	Per metre	AP. Standard data
	From 4 to 6 m below GL/m	Per metre	
	From 6 to 8 m below GL/m	Per metre	
	From 8 to 10 m below GL/m	Per metre	
	Note:- Below 10 m for every metre depth or part thereof add Rs.250/- per m. For higher dia, observed data is to be prepared and got approved.		
44	Sinking in Hard strata other than rock but in soils like limestone, gravel, clay under water including, pumping dewatering, hire charges for mechanical equipment etc., complete.		Observed Data
45	Rates for OHSRs/ELSRs including fixtures with a staging of 15 m, without Seismic analysis.		
a	500 Kilo litres	Per litre	8.20
b	1000 Kilo litres	Per litre	7.44
c	1500 Kilo litres	Per litre	7.02
d	2000 Kilo litres	Per litre	6.71
e	2500 Kilo litres	Per litre	6.38
	NOTE: -1)For intermediate ranges proportional rates may be adopted.2) The above rates are applicable for Elevated Level Services Reservoirs / OHSRs with RAFT FOUNDATION and a rate of <u>Rs.3,700/-</u> per tonne for cement and <u>Rs.34,000/-</u> per tonne for steel.		
	2) For staging less than 15 m, the rate shall be reduced by Rs.0.02 paise per litre per every metre of difference in staging.		
	3) For staging above 15 m, the rate shall be increased by Rs.0.05 paise per litre per every metre of additional staging.		
	4) The above rates shall be increased / decreased due to increase/decrease in the cost of cement by Basic rate x (Rc-3700) x 0.00007 Rc = Rate of cement (Rs per Mt) at this time of preparation of estimate.		
	5) The above rates shall be increased / decreased due to increase/decrease in the cost of Steel by Basic rate x (RS-34,000) x 0.00002 Rs = Rate of steel (Rs per Mt) at this time of preparation of estimate.		
	6) Rate inclusive of three coats of epoxy paint to inner surface of the reservoir including roof dome.		
	7) The above rates be adopted for estimate purposes for construction of ELSR for a finished work including 2 coats of weather proof emulsion painting for external surfaces, lettering, all required fixtures, pipes, bends, valves etc., for pipe connections but excluding cost of pipes, bends and valves as per departmental designs and drawings.		
	8) The above rates are applicable for wind pressure up to 350 kg / sq m for every 100 kg/sqm decrease in wind pressure, the rate is to be decreased by 5%		
	9) For tribal/Agency / Rural area, the above rates shall be increased by 10%		
	10) If the ELSR is to be designed for seismic forces a) The above rates are applied up to Zone-II earth quake. b) for Zone-III earth quake the above rates are to be increased by 33 1/3% .		
	11) <u>Fixtures include.</u>		
	a) A balcony of 1.00 m width at floor slab level/ middle ring beam level / top ring beam level with RCC post with GI pipe hand railing.		

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	b) C.I. Manhole frame and cover : 0.60 x 0.6 m size 2 Nos.		
	c) RCC Mosquito proof ventilators.		
	d) RCC Finial - 1 No.		
	e) RCC precast ladders 0.45 m wide - 2 Nos.		
	f) RCC dog legged stair case of 1.00 m width with hand railing - 1 No.		
	g) RCC hand railing 0.75 m height all-round at floor level and roof level.		
	h) Water level indicator of approved pattern - 1 No.		
	i) Lightening arrestor with all its accessories complete including earthing - 1 No.		
46	Rates for OHSRs/ELSRs including fixtures with a staging of 10 m without Seismic analysis.		
a	Up to 10,000 Litres capacity	Per litre	31.68
b	15,000 Litres capacity	Per litre	21.79
c	20,000 Litres capacity	Per litre	21.40
d	40,000 Litres capacity	Per litre	20.76
e	60,000 Litres capacity	Per litre	15.75
f	1,00,000 Litres capacity	Per litre	14.54
g	2,00,000 Litres capacity	Per litre	12.73
h	3,00,000 Litres capacity	Per litre	11.94
i	4,00,000 Litres capacity	Per litre	10.53
j	4,50,000 Litres capacity	Per litre	9.12
	NOTE: -1) For intermediate ranges proportional rates may be adopted 2)The above rates are applicable for Elevated Level Services Reservoirs / OHSRs with RAFT FOUNDATION and a rate of <u>Rs.3,700/-</u> per tonne for cement and <u>Rs.34,000/-</u> per tonne for steel. The Structure is M30 Grade concrete.		
	2) For every metre of staging less than 10 m, the rate shall be reduced by Rs.0.02 paise per litre.		
	3) For every metre of staging above 10 m, the rate shall be increased by Rs.0.05 paise per litre.		
	4) The above rates shall be increased / decreased due to increase/decrease in the cost of cement by Basic rate x $(R_c - 3700) \times 0.00007$ R_c = Rate of cement (Rs per Mt) at the time of preparation of estimate.		
	5)The above rates shall be increased / decreased due to increase/decrease in the cost of Steel by Basic rate x $(RS - 34,000) \times 0.00002$ Rs = Rate of steel (Rs per Mt) at this time of preparation of estimate.		
	6) Rate inclusive of three coats of epoxy paint to inner surface of the reservoir including roof dome.		
	7) The above rates be adopted for estimate purposes for construction of ELSR for a finished work including 2 coats of weather proof emulsion painting for external surfaces, lettering, all required fixtures, pipes, bends, valves etc., for pipe connections but excluding cost of pipes, bends and valves as per departmental designs and drawings.		
	8) The above rates applicable for wind pressures up to 350 kg / sq m for decrease in wind pressure the rate has to be decreased by 5% per every 100kg/sqm. If the ELSR / OHSR is to be designed for seismic forces also, cost shall be arrived by working out detailed quantities		

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	based on the designs.		
	9) For Tribal/Agency/ Rural area, the above rates shall be increased by 10%		
	10) If the ELSR is to be designed for seismic forces a) The above rates are applied up to Zone-II earth quake. b) for Zone-III earth quake the above rates are to be increased by 33 1/3% .		
	11) <u>Fixtures include</u> :		
	a) RCC or Aluminum ladder inside 0.45 m wide.		
	b) Spiral staircase on the outside.		
	c) Lightening arrestor, including conductor and earthing etc.		
	d) RCC ventilators with copper or stainless steel fly proof mesh.		
	e) RCC finial ventilators with copper or stainless steel fly proof mesh		
	f) Manholes frame and cover 0.75x0.75 m with frame as per IS specifications (light duty) – 2 Nos		
	g) Railing with 32 mm dia G.I. Pipes (A class) in two rows around OHSR fixed in RCC (1:2:4) posts of size 100x75x75 mm with 1.5 m intervals around periphery on top of the OHSR for smaller capacities.		
	h) Water level indicator of good quality with ebonite/ copper float approved pattern- 1 No		
47	Construction of Rapid Gravity Filtration Plant including civil, mechanical and electrical fully automation including trial running etc., complete.		
	1) 2.0 Mld	Per litre	2.09
	2) 5.0 Mld	Per litre	1.91
	3) 10.0 Mld	Per litre	1.72
	4) 20.0 Mld	Per litre	1.54
	5) 30.00 Mld and above	Per litre	1.35
	NOTE :-		
	a) For intermediate ranges proportional rates may be adopted		
	b) The above rates are applicable with cement @ rate of Rs.3,700/- MT and steel of 34,000/MT.		
	c) The above rates shall be increased / decreased due to increase/decrease in the cost of Cement by Basic rate x Rc - 3700) x 0.00007 Rc = Rate of cement (Rs per MT) at the time of preparation of estimate.		
	d) The above rates shall be increased / decreased due to increase/decrease in the cost of Steel by Basic rate x (RS - 34,000) x 0.00002 Rs = Rate of steel (Rs per MT) at the time of preparation of estimate.		
	e) For rural areas an extra allowance of 10% shall be given on basic rate.		
	f) In case of raft foundation, additional cost involved due to provision of raft foundation shall be worked out and paid extra.		
	g) For intermediate ranges proportional rates may be adopted		
	h) <u>The components of the Filtration Plant are as follows.</u>		
A)	<u>Civil Works:</u> (all works of VRCC shall be in M30 design mix).		
	1) Stilling chamber .		
	2) Ventury flume channel with measuring devices		
	3) Flash mixer chamber		
	4) Tube settler & flocculation tanks.		
	5) Filter house, chemical house, Alum store, laboratory office room chlorination plant room, toilet etc. (All items shall be under RCC roof		

Public Health Items

Sl. No.	Description	Unit	S of Rate for 2010-2011
1	2	3	4
	only). Separate Isolated chemical house & chlorinator room for treatment 15.00 Mld & above. For more than 5mld separate Chemical house has to be provided.		
	6)Wash water tank of suitable capacity.		
	7) All the doors and windows are of aluminum make		
	8) All pipes and valves in filter beds are of D.I. make & connection from Flash mixer to Tube settler / Flocculation tank, sludge disposal pipes are of C.I. make.		
	9) The bottom level of the clear water control chamber must be above G.L so as to dispose the leakage water by gravity.		
B)	<u>Mechanical Equipment</u>		
	1)Alum dosing equipment		
	2)Flash mixer equipment.		
	3)Sludge disposal fittings by gravity		
	4)Filtration plant equipment instrumentation and piping.		
	5)Clariflocculation equipment (with stainless steel blades) with rotating bridge arrangement etc.,		
	6)Wash water tank fittings and pump sets with 100% stand by.		
	7)Air blower with motor 100% stand by and pipe connections.		
	8) Chlorination equipment and pipe connections with chlorinator of 100% standby, Vacuum feed Gas Chlorination has to provided.		
	9)Spares & Tools for 2 years		
	10)Gaseous Chlorination with cylinders has to provided.		
C)	<u>Electrical Equipment</u>		
	1)Necessary power supply wiring to motors and switches bus bar connections as per I.E. Rules		
	2)Internal wiring and illumination and fittings and fixtures for internal and external lighting exhaust fans, ceiling fans etc.		
	3) Erecting mechanical & Electrical equipment, trial run for 90 days 23.50 hours per day testing the treated water for efficient standards and maintenance of records and imparting training to staff.		
	4)Supply of 6 - sets of completion plans and maintenance manual and brochures.		
	5)Provision towards soil investigation.		
D)	<u>Automation for flow measurements</u>		
	1)Automated Lab testing equipment of internationally approved make and consumables for one year. For filtration plants of capacity 10 MLD and more automated online testing equipment shall be installed.		
	2) Automation for flow of Conductivity, Turbidity, Ph value, Residual Chlorine with recording & Storage facility (Computer based) & Alarm by SMS or other methods.		
	3)Off - Site Supervisory and Data Accusation (OSSADA) system for Raw water and clear water measuring, recording, Off-Site Digital Display and data Transmission to Cell Phone(SMS).		
Note :	1) Alam tanks must be bound with corrosion resistant material (HDPE Lining, Bitumen Coating, tiles etc)		
	2) Mechanical equipment for Alam mixing and in flocculation tank must be corrosive resistant (due to Alam)		

1. S.S.RATES FOR R.C.C. PLAIN ENDED PIPES

Sl. No.	Description				
1	2				
1	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. PLAIN ENDED PIPES CONFORMING TO B.I.S. 458/2003 , EX-FACTORY, EXCLUDING TRANSPORTATION, TAXES & DUTIES				
	Size	Unit	S S Rate For 2010-11		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Metre	120.00		
	100 mm dia	Metre	140.00		
	150 mm dia	Metre	165.00		
	200 mm dia	Metre	197.00		
	225 mm dia	Metre	214.00		
	250 mm dia	Metre	228.00		
	300 mm dia	Metre	329.00	761.00	772.00
	350 mm dia	Metre	409.00	927.00	945.00
	400 mm dia	Metre	471.00	1026.00	1047.00
	450 mm dia	Metre	578.00	1175.00	1186.00
	500 mm dia	Metre	632.00	1270.00	1459.00
	600 mm dia	Metre	939.00	1915.00	2254.00
	700 mm dia	Metre	1199.00	2370.00	3011.00
	800 mm dia	Metre	1469.00	3129.00	3919.00
	900 mm dia	Metre	1846.00	3920.00	4884.00
	1000 mm dia	Metre	2251.00	4885.00	6684.00
	1100 mm dia	Metre	2668.00	5746.00	7736.00
	1200 mm dia	Metre	3178.00	6762.00	9036.00
	1400 mm dia	Metre	4336.00	8718.00	12457.00
	1600 mm dia	Metre	5002.00	11283.00	14855.00
	1800 mm dia	Metre	6576.00	14929.00	19877.00

Note : All the prices are ex-works. Excise duty, CST/VAT extra as applicable at the time of supply.

The above rates of RCC Plain ended pipes are based on the following raw materials cost.

Cement. Rs.3,700/- per MT (including all taxes and freight).

Steel (M.S. Rods) - Rs.33,000/- per MT. (including all taxes and freight).

The revised cost of RCC pipes due to increase / decrease in the cost of raw materials shall be as per the following formula.

Revised Cost = Cost as per the above table + R1 + R2

R1 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of M.S. Roads = $(S2 - S1) / 1000 \times Ws$.

R2 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of Cement = $(C2 - C1) / 1000 \times Wc$.

S1 = Rs. 33,000/- , S2 = Cost of M S Rods (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3,700/- C2 = Cost of Cement (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

Ws = Weight of MS Rods required (Kg.) per metre of pipe as per IS:458/2003.

Wc = Weight of Cement required (Kg.) per metre of pipe.

2. S.S.RATES FOR R.C.C. COLLARS

Sl. No.	Description				
1	2				
1	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. COLLARS CONFORMING TO B.I.S. 458/2003 (RATE PER EACH COLLAR) SUITABLE FOR R.C.C. PLAIN ENDED PIPES INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES				
	Size	Unit	S S Rates for 2010-11.		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	36.00		
	100 mm dia	Each	39.00		
	150 mm dia	Each	40.00		
	200 mm dia	Each	54.00		
	225 mm dia	Each	58.00		
	250 mm dia	Each	64.00		
	300 mm dia	Each	83.00	117.00	117.00
	350 mm dia	Each	103.00	147.00	147.00
	400 mm dia	Each	113.00	167.00	167.00
	450 mm dia	Each	179.00	223.00	223.00
	500 mm dia	Each	204.00	266.00	266.00
	600 mm dia	Each	273.00	349.00	349.00
	700 mm dia	Each	355.00	466.00	466.00
	800 mm dia	Each	498.00	594.00	594.00
	900 mm dia	Each	598.00	693.00	693.00
	1000 mm dia	Each	699.00	866.00	866.00
	1100 mm dia	Each	853.00	1095.00	1095.00
	1200 mm dia	Each	1034.00	1371.00	1371.00
	1400 mm dia	Each	1336.00	1737.00	1737.00
	1600 mm dia	Each	1704.00	2222.00	2222.00
	1800 mm dia	Each	1741.00	2857.00	2857.00

Note: Excise duty, CST/VAT extra as applicable at the time of supply.

The above rates of RCC Collars suitable to plain ended pipes are based on the following raw materials cost.

Cement. Rs.3,700/- per MT (including all taxes and freight).

Steel (M.S. Rods) - Rs.33,000/- per MT. (including all taxes and freight).

The revised cost of RCC collars due to increase / decrease in the cost of raw materials shall be as per the following formula.

Revised Cost = Cost as per the above table + R1 + R2

R1 = Variation (increase / decrease) in cost (Rs. per each) due to change in the cost of M.S. Roads = $(S2 - S1) / 1000 \times Ws$.

R2 = Variation (increase / decrease) in cost (Rs. per each) due to change in the cost of Cement = $(C2 - C1) / 1000 \times Wc$.

S1 = Rs. 33,000/- , S2 = Cost of M S Rods (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3,700/- , C2 = Cost of Cement (Rs. Per MT including all taxes and freight) at the time of preparation of estimate

Ws = Weight of MS Rods required (Kg.) per each collar.

Wc = Weight of Cement required (Kg.) per each collar.

3. S.S.RATES FOR R.C.C. S/S PIPES (Non Pressure)

Sl. No.	Description				
1	2				
1	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 458/2003 AT EX-FACTORY (RATE PER METER OF EFFECTIVE LENGTH) EXCLUDING TRANSPORTATION, TAXES & DUTIES.				
	Size	Unit	S.S. Rates for 2010-11		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Metre	149.00		
	100 mm dia	Metre	169.00		
	150 mm dia	Metre	199.00		
	200 mm dia	Metre	244.00		
	225 mm dia	Metre	266.00		
	250 mm dia	Metre	284.00		
	300 mm dia	Metre	399.00	976.00	1029.00
	350 mm dia	Metre	513.00	1233.00	1254.00
	400 mm dia	Metre	565.00	1366.00	1390.00
	450 mm dia	Metre	704.00	1508.00	1520.00
	500 mm dia	Metre	811.00	1722.00	1866.00
	600 mm dia	Metre	1142.00	2412.00	2448.00
	700 mm dia	Metre	1478.00	3074.00	3167.00
	800 mm dia	Metre	1894.00	4064.00	4123.00
	900 mm dia	Metre	2391.00	5100.00	5189.00
	1000 mm dia	Metre	2908.00	5756.00	6135.00
	1100 mm dia	Metre	3406.00	6778.00	7074.00
	1200 mm dia	Metre	3853.00	7991.00	8272.00
	1400 mm dia	Metre	5502.00	10578.00	11708.00
	1600 mm dia	Metre	6805.00	13701.00	13969.00
	1800 mm dia	Metre	7606.00	18133.00	18698.00

Note: All the prices are ex-works, Excise duty, CST/VAT extra as applicable at the time of supply. The above rates of RCC S/S Non-Pressure pipes are based on the following raw materials cost.

Cement. Rs.3,700/- per MT (including all taxes and freight).

Steel (M.S. Rods) - Rs.33,000/- per MT. (including all taxes and freight).

The revised cost of RCC pipes due to increase / decrease in the cost of raw materials shall be as per the following formula.

Revised Cost = Cost as per the above table + R1 + R2

R1 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of M.S. Rods = $(S2 - S1) / 1000 \times Ws$.

R2 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of Cement = $(C2 - C1) / 1000 \times Wc$.

S1 = Rs. 33,000/- , S2 = Cost of M S Rods (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3,700/- , C2 = Cost of Cement (Rs. Per MT including all taxes and freight) at the time of preparation of estimate

Ws = Weight of MS Rods required (Kg.) per metre of pipe as per IS:458/2003.

Wc = Weight of Cement required (Kg.) per metre of pipe.

4. S.S.RATES FOR R.C.C. S/S PIPES (Pressure)

Sl.No.	Description				
1	2				
1	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 458/2003 EX-FACTORY (RATE PER METER OF EFFECTIVE LENGTH) EXCLUDING TRANSPORTATION, TAXES & DUTIES.				
	Size	Unit	S.S. Rates for 2010-11		
			P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Metre	199.00	223.00	252.00
	100 mm dia	Metre	224.00	266.00	307.00
	150 mm dia	Metre	309.00	396.00	486.00
	200 mm dia	Metre	359.00	513.00	677.00
	225 mm dia	Metre	404.00	583.00	752.00
	250 mm dia	Metre	442.00	622.00	787.00
	300 mm dia	Metre	595.00	895.00	1110.00
	350 mm dia	Metre	741.00	1247.00	1607.00
	400 mm dia	Metre	879.00	1653.00	2124.00
	450 mm dia	Metre	937.00	1958.00	2611.00
	500 mm dia	Metre	1250.00	2121.00	2963.00
	600 mm dia	Metre	1711.00	3163.00	4102.00
	700 mm dia	Metre	2276.00	4149.00	5205.00
	800 mm dia	Metre	2848.00	4917.00	6285.00
	900 mm dia	Metre	3434.00	5775.00	
	1000 mm dia	Metre	4335.00	6620.00	
	1100 mm dia	Metre	5201.00		
	1200 mm dia	Metre	6101.00		

Note: All the prices are ex-works, Excise duty, CST/VAT extra as applicable at the time of supply.

The above rates of RCC S/S Pressure pipes are based on the following raw materials cost.

Cement. Rs.3,700/- per MT (including all taxes and freight).

Steel (M.S. Rods) - Rs.33,000/- per MT. (including all taxes and freight).

The revised cost of RCC pipes due to increase / decrease in the cost of raw materials shall be as per the following formula.

Revised Cost = Cost as per the above table + R1 + R2

R1 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of M.S. Roads = $(S2 - S1) / 1000 \times Ws$.

R2 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of Cement = $(C2 - C1) / 1000 \times Wc$.

S1 = Rs. 33,000/-

S2 = Cost of M S Rods (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3,700/-

C2 = Cost of Cement

(Rs. Per MT including all taxes and freight) at the time of preparation of estimate

Ws = Weight of MS Rods required (Kg.) per metre of pipe as per IS:458/2003.

Wc = Weight of Cement required (Kg.) per metre of pipe.

5. S.S. RATES FOR RUBBER RINGS TO SUIT R.C.C. S/S PIPES

Sl. No.	Description				
1	2				
1	MANUFACTURE, SUPPLY AND DELIVERY OF RUBBER RINGS TO SUIT R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 5382/ 1985 (RATE PER EACH RUBBER RING) INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES.				
	Size	Unit	S.S. Rates for 2010-11		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	18.00		
	100 mm dia	Each	22.00		
	150 mm dia	Each	39.00		
	200 mm dia	Each	45.00		
	225 mm dia	Each	50.00		
	250 mm dia	Each	56.00		
	300 mm dia	Each	69.00	88.00	88.00
	350 mm dia	Each	79.00	105.00	105.00
	400 mm dia	Each	87.00	120.00	120.00
	450 mm dia	Each	100.00	136.00	136.00
	500 mm dia	Each	131.00	156.00	156.00
	600 mm dia	Each	171.00	227.00	227.00
	700 mm dia	Each	233.00	272.00	272.00
	800 mm dia	Each	295.00	330.00	330.00
	900 mm dia	Each	370.00	446.00	446.00
	1000 mm dia	Each	433.00	538.00	538.00
	1100 mm dia	Each	521.00	689.00	689.00
	1200 mm dia	Each	833.00	866.00	866.00
	1400 mm dia	Each	916.00	953.00	953.00
	1600 mm dia	Each	1141.00	1163.00	1163.00
	1800 mm dia	Each	1422.00	1485.00	1485.00
2	MANUFACTURE, SUPPLY AND DELIVERY OF RUBBER RINGS TO SUIT R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 5382/ 1985 (RATE PER EACH RUBBER RING) INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES.				
	Size		P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Each	18.00	18.00	18.00
	100 mm dia	Each	22.00	23.00	23.00
	150 mm dia	Each	39.00	39.00	39.00
	200 mm dia	Each	45.00	45.00	45.00
	225 mm dia	Each	50.00	51.00	53.00
	250 mm dia	Each	56.00	58.00	59.00
	300 mm dia	Each	69.00	73.00	76.00
	350 mm dia	Each	79.00	92.00	100.00
	400 mm dia	Each	87.00	120.00	123.00
	Size		P1 - Class	P2 - Class	P3 - Class
	450 mm dia	Each	100.00	138.00	141.00
	500 mm dia	Each	131.00	156.00	163.00
	600 mm dia	Each	171.00	194.00	196.00
	700 mm dia	Each	233.00	255.00	272.00
	800 mm dia	Each	295.00	326.00	326.00
	900 mm dia	Each	370.00	413.00	
	1000 mm dia	Each	433.00	498.00	
	1100 mm dia	Each	521.00		
	1200 mm dia	Each	833.00		

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

6. S.S. RATES FOR CONVEYANCE OF R.C.C. PLAIN ENDED PIPES

Sl.No.	Description	Rate up to 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.	Rate up to 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.
1	2	3	4	5	6
1	CONVEYANCE OF R.C.C. PLAIN ENDED PIPES ON ALL WEATHER ROADS INCLUDING LOADING, UNLOADING AND STACKING (per Metre)				
		NP - 2 Class		NP - 3 Class & NP - 4 Class	
	80 mm dia	2.20	0.10		
	100 mm dia	2.60	0.10		
	150 mm dia	3.90	0.20		
	200 mm dia	5.10	0.20		
	225 mm dia	5.90	0.30		
	250 mm dia	6.80	0.30		
	300 mm dia	10.10	0.40	26.60	0.70
	350 mm dia	13.20	0.80	28.70	0.80
	400 mm dia	15.30	0.90	33.90	1.10
	450 mm dia	19.40	1.10	37.20	1.30
	500 mm dia	21.10	1.30	40.70	1.30
	600 mm dia	30.50	2.00	60.90	2.80
	700 mm dia	38.90	2.80	67.70	3.30
	800 mm dia	45.80	2.80	81.20	3.30
	900 mm dia	52.50	2.80	106.60	6.20
	1000 mm dia	77.90	5.80	128.70	6.20
	1100 mm dia	85.50	5.80	138.70	6.70
	1200 mm dia	96.50	6.20	155.70	6.70
	1400 mm dia	116.80	6.20	211.60	7.00
	1600 mm dia	135.40	6.20	253.90	7.00
	1800 mm dia	155.70	6.20	338.50	9.80

7. S.S. RATES FOR CONVEYANCE OF R.C.C. S/S PIPES

Sl.N o.	Description	Rate up to 5 Kms Lead including Loading, unloading & stacking	Rate for every additional 1 KM lead or part thereof.	Rate up to 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.
1	2	3	4	5	6
1	CONVEYANCE OF R.C.C. SOCKET AND SPIGOT PIPES ON ALL WEATHER ROADS INCLUDING LOADING, UNLOADING AND STACKING (per Metre of effective length)				
	Size	NP - 2 & P1 Class		NP - 3 & NP - 4 Class	
	80 mm dia	2.80	0.10		
	100 mm dia	3.20	0.20		
	150 mm dia	4.50	0.20		
	200 mm dia	5.80	0.40		
	225 mm dia	6.90	0.40		
	250 mm dia	7.70	0.70		
	300 mm dia	11.60	0.80	31.80	1.00
	350 mm dia	14.40	0.90	33.90	1.20
	400 mm dia	17.50	1.10	42.20	2.20
	450 mm dia	20.00	1.20	46.50	2.20
	500 mm dia	22.40	1.30	50.80	2.30
	600 mm dia	29.60	2.20	69.40	3.30
	700 mm dia	36.00	2.30	93.10	6.50
	800 mm dia	49.90	3.50	110.00	6.50
	900 mm dia	74.50	6.40	126.90	6.50
	1000 mm dia	84.70	6.40	133.80	6.50
	1100 mm dia	95.60	6.50	143.80	6.50
	1200 mm dia	106.60	6.50	160.80	6.70
	1400 mm dia	132.00	6.50	214.90	6.70
	1600 mm dia	157.40	6.70	253.90	7.20
	1800 mm dia	194.60	6.70	338.50	9.80
		P2 - Class		P3 - Class	
	80 mm dia	2.80	0.10	2.80	0.10
	100 mm dia	3.20	0.20	3.20	0.20
	150 mm dia	4.50	0.20	4.50	0.20
	200 mm dia	6.30	0.40	8.50	0.70
	225 mm dia	8.50	0.70	9.50	0.80
	250 mm dia	8.90	0.80	11.20	0.90
	300 mm dia	16.90	1.00	19.40	1.10
	350 mm dia	21.30	1.20	27.10	1.30
	400 mm dia	25.40	1.30	36.40	2.20
	450 mm dia	32.10	2.10	44.80	2.20
	500 mm dia	36.40	2.20	55.00	3.20
	600 mm dia	48.30	2.20	78.70	4.10
	700 mm dia	71.10	4.40	115.90	6.50
	800 mm dia	94.80	6.20	147.30	6.50
	900 mm dia	115.60	6.50		
	1000 mm dia	142.20	6.70		

8. S.S.RATES FOR A.C. PIPES

Sl.No	Description				
1	MANUFACTURE AS PER BIS NO: 1592/2003AS AMENDED FROM TIME TO TIME (MAZZA PROCESS) AND SUPPLY OF AC PRESSURE PIPES DULY MARKED WITH BIS MARK, INCLUDING COST OF MATERIAL, INCIDENTAL HANDLING, LOADING AND PACKING CHARGES BUT ARE EXCLUSIVE OF TRANSPORTATION, UNLOADING, STACKING AT DEPARTMENTAL STORES, EXCISE DUTY, VAT OCTROI AND OTHER GOVT. LEVIES.				
	Size	Unit	S.S Rates for 2010-11		
			Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Metre	134.00	145.00	181.00
	100 mm dia	Rate/Metre	177.00	224.00	276.00
	125 mm dia	Rate/Metre	231.00	288.00	362.00
	150 mm dia	Rate/Metre	328.00	407.00	509.00
	200 mm dia	Rate/Metre	545.00	691.00	878.00
	250 mm dia	Rate/Metre	689.00	887.00	1113.00
	300 mm dia	Rate/Metre	969.00	1252.00	1596.00
	350 mm dia	Rate/Metre	1184.00	1537.00	1930.00
	400 mm dia	Rate/Metre	1542.00	2006.00	2489.00
	450 mm dia	Rate/Metre	1811.00	2398.00	3005.00
	500 mm dia	Rate/Metre	2249.00	2939.00	3692.00
	600 mm dia	Rate/Metre	3193.00	4159.00	5301.00
2	Lowering, laying and Jointing of AC Pressure pipes with AC Couplings or CID Joints complete with Rubber Rings in readymade trenches true to alignment and gradient including filling with water lead up to 500 mts and testing to required pressure including all sundries but excluding cost of jointing materials and conveyance from source of supply as per BIS No. 6530/72				
	80 mm dia	Rate/Metre	24.00	24.00	24.00
	100 mm dia	Rate/Metre	35.00	35.00	35.00
	125 mm dia	Rate/Metre	39.00	39.00	39.00
	150 mm dia	Rate/Metre	46.00	46.00	46.00
	200 mm dia	Rate/Metre	61.00	61.00	61.00
	250 mm dia	Rate/Metre	73.00	73.00	73.00
	300 mm dia	Rate/Metre	90.00	90.00	90.00
	350 mm dia	Rate/Metre	153.00	153.00	153.00
	400 mm dia	Rate/Metre	229.00	229.00	229.00
	450 mm dia	Rate/Metre	279.00	279.00	279.00
	500 mm dia	Rate/Metre	355.00	355.00	355.00
	600 mm dia	Rate/Metre	382.00	382.00	382.00
<p>1. The above rates of AC Pipes are based on the Cement cost of RS 3,700/- per MT (Including all taxes and freight).</p> <p>2. The above rates of AC pipes are based on the Fiber cost of Rs 41,109/- per M.T basic price (Ex- India Port) (Excluding duties, taxes and transportation etc.)</p> <p>For any Increase/ Decrease in the rate of cement, the price of AC pipe per Rmt shall be increased/decreased as under.</p> <p>$W \times 0.85 \times IC$ Where W = Weight of pipe in Kg's/Rmt</p> <p>IC = Increase/Decrease in cost of cement/Kg</p> <p>For any increase/decrease in the rate of fiber, the price of AC pipe per Rmt shall be increased/Decreased as under :</p> <p>$W \times 0.15 \times IF$ Where : W=: Weight of pipe in Kg's/Rmt</p> <p>IF = Increase /Decrease in cost of fiber/Kg</p>					
Note:	<p>1) The Fiber rates are to be obtained from A.C. Pipe manufacturer of "Mazza" process.</p> <p>2) The cement rate shall be communicated by the sub-committee of Board of Chief engineers.</p> <p>3)The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate</p>				
2	Transportation of AC pressure pipes at site of work anywhere in Andhra Pradesh on motor able roads for full truck loads including transit insurance, unloading, and stacking at site of work etc. Complete (AC Couplings and Rubber rings are to be supplied free of transportation				10% on the basic cost of corresponding AC Pressure pipes.

	charges).	
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9. S.S.RATES FOR A.C. COUPLINGS

Sl. No.	Description				
1	2				
1	MANUFACTURE AS PER MANUFACTURERS SPECIFICATION (MAZZA PROCESS) AND SUPPLY OF A.C. COUPLINGS EXCLUDING COST OF RUBBER RINGS TO SUIT AC PRESSURE PIPES INCLUDING COST OF MATERIAL, INCIDENTAL HANDLING, PACKING TRANSPORTATION AND UNLOADING AT SITE TRANSIT RISK BUT EXCLUDING EXCISE DUTY, VAT AND OTHER GOVT. LEVIES.				
	Size	Unit	S.S Rates for 2010-11.		
			Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Each	71.00	75.00	86.00
	100 mm dia	Rate/Each	93.00	96.00	116.00
	125 mm dia	Rate/Each	116.00	126.00	152.00
	150 mm dia	Rate/Each	132.00	166.00	206.00
	200 mm dia	Rate/Each	246.00	261.00	334.00
	250 mm dia	Rate/Each	285.00	358.00	457.00
	300 mm dia	Rate/Each	372.00	480.00	617.00
	350 mm dia	Rate/Each	485.00	627.00	803.00
	400 mm dia	Rate/Each	747.00	976.00	1258.00
	450 mm dia	Rate/Each	896.00	1181.00	1523.00
	500 mm dia	Rate/Each	1068.00	1429.00	1832.00
	600 mm dia	Rate/Each	1284.00	1598.00	2044.00

1. The above rates of AC Coupling are based on the Cement cost of RS 3,700/- per MT (Including all taxes and freight).
2. The above rates of AC Coupling are based on the Fiber cost of Rs 41,109/- per M.T basic price (Ex- Indian Port) (Excluding duties, taxes and transportation etc.)

For any Increase/ Decrease in the rate of cement, the price of AC Coupling per Each shall be increased/decreased as under.

$W \times 0.85 \times IC$ Where W = Weight of Coupling in Kg's/Each

IC = Increase/Decrease in cost of cement/kg

For any increase/decrease in the rate of fiber, the price of AC Coupling per Each shall be increased/Decreased as under :

$W \times 0.15 \times IF$ Where : W=: Weight of Coupling in Kg's/Each

IF = Increase /Decrease in cost of fiber/kg

The Fiber rates are to be obtained from A.C. Pipe manufacturer of "Mazza" process.

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

10. S.S.RATES FOR RUBBER RINGS TO SUIT A.C. COUPLINGS

Sl. No.	Description				
1	2				
1	SCHEDULE OF RATE FOR SUPPLY OF RUBBER RINGS MANUFACTURED AS PER BIS: 5382/1988 WITH BIS MARK EMBOSSED PER EACH SET SUITABLE FOR A.C. COUPLINGS INCLUDING COST OF MATERIAL, INCIDENTAL, HANDLING, PACKING, TRANSPORTATION AND UNLOADING AT SITE TRANSIT RISK ETC., BUT EXCLUDING VAT.				
	Size	Unit	S.S Rates for 2010-11.		
			Class - 15	Class - 20	Class - 25
	80 mm dia	Each Set	46.00	46.00	46.00
	100 mm dia	Each Set	56.00	56.00	56.00
	125 mm dia	Each Set	74.00	74.00	74.00
	150 mm dia	Each Set	94.00	94.00	94.00
	200 mm dia	Each Set	96.00	96.00	96.00
	250 mm dia	Each Set	112.00	112.00	112.00
	300 mm dia	Each Set	112.00	112.00	112.00
	350 mm dia	Each Set	127.00	127.00	127.00
	400 mm dia	Each Set	155.00	155.00	155.00
	450 mm dia	Each Set	183.00	183.00	183.00
	500 mm dia	Each Set	211.00	211.00	211.00
	600 mm dia	Each Set	239.00	239.00	239.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate

11. S.S. RATES FOR PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES

Sl.No.	Description						
1	2						
1	MANUFACTURE, SUPPLY, DELIVERY OF PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES CONFORMING TO IS 784/2001 Ex-factory excluding transportation, taxes & duties.						
	Size	Unit	S.S Rates for 2010-11.				
			Rs.	Rs.	Rs.	Rs.	Rs.
			6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2
			16 Kg/cm2				
	350 MM DIA	Metre	2460	2470	2480	2490	2540
	400 MM DIA	Metre	2640	2660	2690	2720	2770
	450 MM DIA	Metre	2800	2810	2840	2890	2960
	500 MM DIA	Metre	3030	3040	3060	3120	3180
	600 MM DIA	Metre	3480	3500	3530	3630	3740
	700 MM DIA	Metre	4270	4280	4340	4430	4580
	800 MM DIA	Metre	5030	5070	5190	5300	5500
	900 MM DIA	Metre	5830	5860	5980	6210	6440
	1000 MM DIA	Metre	6840	6880	7060	7320	7650
	1100 MM DIA	Metre	7760	7850	8050	8470	8800
	1200 MM DIA	Metre	8600	8720	9150	9550	10360
	1300 MM DIA	Metre	9740	10260	10790	11330	12250
	1400 MM DIA	Metre	11110	11710	12340	13340	14340
	1500 MM DIA	Metre	12950	13660	14370	15520	16620
	1600 MM DIA	Metre	14570	15380	16190	18230	18800
	1700 MM DIA NEW ITEM	Metre	16040	16740	17580	19660	21790
	1800 MM DIA NEW ITEM	Metre	17410	18480	19410	21260	23560
	1900 MM DIA NEW ITEM	Metre	18600	19580	21200	22380	24270
	2000 MM DIA NEW ITEM	Metre	20430	21660	22710	24870	28210
2	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of rubber rings, cost of transportation of water and emptying pipe line after completion of field testing etc.						
	350 MM DIA	Metre	132	132	132	132	132
	400 MM DIA	Metre	143	143	143	143	143
	450 MM DIA	Metre	165	165	165	165	165
	500 MM DIA	Metre	176	176	176	176	176
	600 MM DIA	Metre	215	215	215	215	215
	700 MM DIA	Metre	253	253	253	253	253

	800 MM DIA	Metre	286	286	286	286	286	286
	900 MM DIA	Metre	314	314	314	314	314	314
	1000 MM IA	Metre	363	363	363	363	363	363
	1100 MM IA	Metre	407	407	407	407	407	407
	1200 MMDIA	Metre	451	451	451	451	451	451
	1300 MM DIA	Metre	512	512	512	512	512	512
	1400 MM DIA	Metre	578	578	578	578	578	578
	1500 MM DIA	Metre	627	627	627	627	627	627
	1600 MM DIA	Metre	704	704	704	704	704	704
	1700 MM DIA NEW ITEM	Metre	765	765	765	765	765	765
	1800 MM DIA NEW ITEM	Metre	810	810	810	810	810	810
	1900 MM DIA NEW ITEM	Metre	855	855	855	855	855	855
	2000 MM DIA NEW ITEM	Metre	900	900	900	900	900	900
3	CONVEYANCE OF PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES AND ACCESSORIES including loading at Factory, un-loading at site and stacking for the following sizes.(Minimum distance of 100 KM to be considered if the distance is less by 100 KM from factory to site)							
	350 MM DIA	PerKM/M	0.92	0.92	0.92	0.92	0.92	0.92
	400 MM DIA	PerKM/M	0.92	0.92	0.92	0.92	0.92	0.92
	450 MM DIA	PerKM/M	1.05	1.05	1.05	1.05	1.05	1.05
	500 MM DIA	PerKM/M	1.15	1.15	1.15	1.15	1.15	1.15
	600 MM DIA	PerKM/M	1.35	1.35	1.35	1.35	1.35	1.35
	700 MM DIA	PerKM/M	2.25	2.25	2.25	2.25	2.25	2.25
	800 MM DIA	PerKM/M	2.25	2.25	2.25	2.25	2.25	2.25
	900 MM DIA	PerKM/M	2.25	2.25	2.25	2.25	2.25	2.25
	1000 MM DIA	PerKM/M	3.50	3.50	3.50	3.50	3.50	3.50
	1100 MM DIA	PerKM/M	3.50	3.50	3.50	3.50	3.50	3.50
	1200 MM DIA	PerKM/M	6.80	6.80	6.80	6.80	6.80	6.80
	1300 MM DIA	PerKM/M	6.90	6.90	6.90	6.90	6.90	6.90
	1400 MM DIA	PerKM/M	6.90	6.90	6.90	6.90	6.90	6.90
	1500 MM DIA	PerKM/M	6.90	6.90	6.90	6.90	6.90	6.90
	1600 MM DIA	PerKM/M	7.80	7.80	7.80	7.80	7.80	7.80
	1700 MM DIA NEW ITEM	PerKM/M	7.80	7.80	7.80	7.80	7.80	7.80
	1800 MM DIA NEW ITEM	PerKM/M	8.00	8.00	8.00	8.00	8.00	8.00
	1900 MM DIA NEW ITEM	PerKM/M	8.30	8.30	8.30	8.30	8.30	8.30
	2000 MM DIA NEW ITEM	PerKM/M	8.30	8.30	8.30	8.30	8.30	8.30
4	Cost of Machine end pair (Socket+Spigot) for providing MS Specials on PSC Pipelines excluding Cost of MS Special including cost and conveyance to site etc.,							

	complete.							
	350 MM DIA	Per Pair	9,350	9,350	9,350	9,350	9,350	9,350
	400 MM DIA	Per Pair	10,725	10,725	10,725	10,725	10,725	10,725
	450 MM DIA	Per Pair	12,100	12,100	12,100	12,100	12,100	12,100
	500 MM DIA	Per Pair	13,475	13,475	13,475	13,475	13,475	13,475
	600 MM DIA	Per Pair	16,170	16,170	16,170	16,170	16,170	16,170
	700 MM DIA	Per Pair	18,920	18,920	18,920	18,920	18,920	18,920
	800 MM DIA	Per Pair	21,670	21,670	21,670	21,670	21,670	21,670
	900 MM DIA	Per Pair	24,420	24,420	24,420	24,420	24,420	24,420
	1000 MM DIA	Per Pair	26,950	26,950	26,950	26,950	26,950	26,950
	1100 MM DIA	Per Pair	29,700	29,700	29,700	29,700	29,700	29,700
	1200 MM DIA	Per Pair	32,450	32,450	32,450	32,450	32,450	32,450
	1300 MM DIA	Per Pair	34,980	34,980	34,980	34,980	34,980	34,980
	1400 MM DIA	Per Pair	41,250	41,250	41,250	41,250	41,250	41,250
	1500 MM DIA	Per Pair	48,400	48,400	48,400	48,400	48,400	48,400
	1600 MM DIA	Per Pair	53,900	53,900	53,900	53,900	53,900	53,900
	1700 MM DIA	Per Pair	60,480	60,480	60,480	60,480	60,480	60,480
	1800 MM DIA	Per Pair	69,120	69,120	69,120	69,120	69,120	69,120
	1900 MM DIA	Per Pair	79,920	79,920	79,920	79,920	79,920	79,920
	2000 MM DIA	Per Pair	96,120	96,120	96,120	96,120	96,120	96,120
5	Cost of MS Flanges including cost of Bolts, Nuts, Rubber Packing etc., complete and flange thickness confirming to IS:7322-1985 and flange dimensions confirming to IS:1538-1993 excluding cost of MS Specials including cost and conveyance to site, VAT etc., complete.							
	Diameter and thickness	Unit	Rate	Diameter and thickness	Unit	Rate		
	80 mm DIA x 15 mm thick	Each Flange	605	500 mm DIA x 20 mm thick	Each Flange	6,116		
	100 mm DIA x 15 mm thick	Each Flange	825	600 mm DIA x 20 mm thick	Each Flange	7,700		
	125 mm DIA x 15 mm thick	Each Flange	990	700 mm DIA x 25 mm thick	Each Flange	10,890		
	150 mm DIA x 15 mm thick	Each Flange	1,320	750 mm DIA x 25 mm thick	Each Flange	11,990		
	200 mm DIA x 15 mm thick	Each Flange	1,650	800 mm DIA x 25 mm thick	Each Flange	13,420		
	250 mm DIA x 15 mm thick	Each Flange	2,145	900 mm DIA x 25 mm thick	Each Flange	15,400		

	300 mm DIA x 15 mm thick	Each Flange	2,431	1000 mm DIA x 25 mm thick	Each Flange	18,150
	350 mm DIA x 18 mm thick	Each Flange	3,542	1050 mm DIA x 25 mm thick	Each Flange	19,228
	400 mm DIA x 18 mm thick	Each Flange	4,422	1100 mm DIA x 25 mm thick	Each Flange	20,790
	450 mm DIA x 18 mm thick	Each Flange	5,137	1200 mm DIA x 32 mm thick	Each Flange	27,610

Note: a) The above rate of PSC pipes are based on the HT wire cost of Rs.51,000/-MT (Basic+ CED+ST & freight).
and cement price of Rs.3,700/- per MT (including all taxes and freight)

The rates may be revised depending upon the increase/decrease in the cost of HT wire and cement. as per the following method. The cost of HT wire may be obtained from reputed firms like SAIL/TATA/ SS Ltd. etc.,

Revised Cost =Cost as per the above table +R1+R2.

R1= Variation (increase / decrease) in cost (Rs. per metre)due to change in the cost of HT Wire $= (H2-H1)/1000 \times Wh$.

R2= Variation (increase / decrease) in cost (Rs. per metre)due to change in the cost of Cement $= (C2-C1)/1000 \times Wc$.

H1 = Rs. 51,000/- H2 = Cost of HT Wire (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3700/- C2 = Cost of Cement (Rs. Per MT including all taxes and freight) at the time of preparation of estimate

Wh=Weight of HT Wire required (Kg.) per metre of pipe.

Wc= Weight of Cement required (Kg.) per metre of pipe.

The rates for MS flanges are considering landed price of MS Plates of Rs.40,000/- per MT. Price variation to be released on actual weight of flange.

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate

12. S.S. RATES FOR PRE-STRESSED (CYLINDER) CONCRETE PIPES

SI No.	Description										
1	2										
1	PRE-STRESSED (CYLINDER TYPE) CONCRETE PIPES CONFORMING TO IS 784/2001 @ Ex-factory Cost of pipes, excluding transportation, laying, jointing, testing, Bends, Tees, Specials, taxes & duties Etc.										
	Size	Unit	S.S Rates for 2010-11.								
			4 Kg/cm2	6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2	18 Kg/cm2	20 Kg/cm2
	400 MM DIA	Meter	4550	4550	4550	4550	4570	4610	4680	4750	4800
	450 MM DIA	Meter	4940	4940	4940	4960	5010	5070	5160	5220	5290
	500 MM DIA	Meter	5400	5400	5410	5570	5530	5610	5680	5790	5870
	600 MM DIA	Meter	6410	6450	6520	6620	6710	6800	6940	7070	7200
	700 MM DIA	Meter	7390	7490	7610	7740	7860	7980	8130	8320	8460
	800 MM DIA	Meter	8660	8800	8970	9140	9290	9450	9640	9850	10100
	900 MM DIA	Meter	10240	10420	10630	10840	11050	11240	11510	11780	12050
	1000 MM DIA	Meter	11850	12090	12340	12600	12860	13090	13410	13740	14080
	1100 MM DIA	Meter	13124	13408	13715	14011	14317	14591	14941	15313	16123
	1200 MM DIA	Meter	14853	15183	15544	15905	16277	16605	17010	17821	18400
	1300 MM DIA	Meter	16498	16904	17319	17746	18174	18557	19520	20040	20697
	1400 MM DIA	Meter	18070	18540	19032	19525	20018	20981	21583	22201	23572
	1500 MM DIA	Meter	19761	20280	20799	21318	22396	22981	23875	25213	23143
	1600 MM DIA	Meter	22287	22861	23447	24551	25225	25898	27566	28306	29023
	1700 MM DIA	Meter	23984	24647	25364	26624	27386	28799	30080	30887	31649
	1800 MM DIA	Meter	26260	26959	28333	29187	30018	31569	32933	33897	34851
	1900 MM DIA	Meter	30698	31496	33025	33948	35572	36587	38123	39193	40199
	2000 MM DIA	Meter	32759	34272	35299	36359	38214	39330	41063	42289	43382
2	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of cost of site welding and fixing of Polypropylene Diapher cloth, cost of transportation of water and emptying pipe line after completion of field testing etc.										
	400 MM DIA	Meter	291.00	291.00	291.00	291.00	291.00	291.00	291.00	291.00	291.00
	450 MM DIA	Meter	343.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00	343.00
	500 MM DIA	Meter	374.00	374.00	374.00	374.00	374.00	374.00	374.00	374.00	374.00
	600 MM DIA	Meter	437.00	437.00	437.00	437.00	437.00	437.00	437.00	437.00	437.00
	700 MM DIA	Meter	499.00	499.00	499.00	499.00	499.00	499.00	499.00	499.00	499.00

	800 MM DIA	Meter	572.00	572.00	572.00	572.00	572.00	572.00	572.00	572.00	572.00
	900 MM DIA	Meter	645.00	645.00	645.00	645.00	645.00	645.00	645.00	645.00	645.00
	1000 MM DIA	Meter	707.00	707.00	707.00	707.00	707.00	707.00	707.00	707.00	707.00
	1100 MM DIA	Meter	801.00	801.00	801.00	801.00	801.00	801.00	801.00	801.00	801.00
	1200 MM DIA	Meter	874.00	874.00	874.00	874.00	874.00	874.00	874.00	874.00	874.00
	1300 MM DIA	Meter	936.00	936.00	936.00	936.00	936.00	936.00	936.00	936.00	936.00
	1400 MM DIA	Meter	1030.00	1030.00	1030.00	1030.00	1030.00	1030.00	1030.00	1030.00	1030.00
	1500 MM DIA	Meter	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00
	1600 MM DIA	Meter	1238.00	1238.00	1238.00	1238.00	1238.00	1238.00	1238.00	1238.00	1238.00
	1700 MM DIA	Meter	1394.00	1394.00	1394.00	1394.00	1394.00	1394.00	1394.00	1394.00	1394.00
	1800 MM DIA	Meter	1477.00	1477.00	1477.00	1477.00	1477.00	1477.00	1477.00	1477.00	1477.00
	1900 MM DIA	Meter	1612.00	1612.00	1612.00	1612.00	1612.00	1612.00	1612.00	1612.00	1612.00
	2000 MM DIA	Meter	1716.00	1716.00	1716.00	1716.00	1716.00	1716.00	1716.00	1716.00	1716.00
3	CONVEYANCE OF PRE-STRES-SED (CYLINDER TYPE) CONCRETE PIPES AND ACCESSORIES including loading at Factory, un-loading at site and stacking for the following sizes. (Minimum distance of 100 KM to be considered if the distance is less by 100 KM from factory to site)										
	400 MM DIA	Per KM/M	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
	450 MM DIA	Per KM/M	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
	500 MM DIA	Per KM/M	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
	600 MM DIA	Per KM/M	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
	700 MM DIA	Per KM/M	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
	800 MM DIA	Per KM/M	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
	900 MM DIA	Per KM/M	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
	1000 MM DIA	Per KM/M	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40
	1100 MM DIA	Per KM/M	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40
	1200 MM DIA	Per KM/M	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
	1300 MM DIA	Per KM/M	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
	1400 MM DIA	Per KM/M	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
	1500 MM DIA	Per KM/M	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
	1600 MM DIA	Per KM/M	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
	1700 MM DIA	Per KM/M	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
	1800 MM DIA	Per KM/M	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
	1900 MM DIA	Per KM/M	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
	2000 MM DIA	Per KM/M	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60

Note: The rates of PCCP pipes which were incorporated in the SOR are based on the following raw materials cost.

HT Wire: - Rs.51,000/- (including all taxes & freight)

HR Coil (Hot Rolled): - Rs.42,500/- (including all taxes & freight)

Cement Cost Rs. 3,700/- per MT (including all duties, taxes & freight)

The rates may be revised depending upon the increase/ decrease in the cost of raw materials (landed price) as per the following method.

Revised Cost = Cost as per the above table + R1 + R2 + R3.

R1 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of HT Wire = $(H2 - H1) / 1000 \times Wh$.

R2 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of HR Coil = $(R2 - R1) / 1000 \times Wr$.

R3 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of Cement = $(C2 - C1) / 1000 \times Wc$.

H1 = Rs. 51,000/- H2 = Cost of HT Wire (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

R1 = Rs. 42,500/- R2 = Cost of HR Coil (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3,700/- C2 = Cost of Cement (Rs. Per MT including all taxes and freight) at the time of preparation of estimate

Wh = Weight of HT Wire required (Kg.) per metre of pipe. Wc = Weight of Cement required (Kg.) per metre of pipe.

Wr = Weight of HR Coil required (kg) per metre of pipe.

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate

13. S.S. RATES FOR BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES

Sl. No.	Description											
1	2											
1	BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES CONFORMING TO IS 15155 - 2002, Ex-factory excluding transportation, taxes and duties etc., for Bar wrapped steel cylindrical pipes.											
	Size	Unit	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
			4 -12 Kg/cm ²	14 Kg/cm ²	16 Kg/cm ²	18 Kg/cm ²	20 Kg/cm ²	22 Kg/cm ²	24 Kg/cm ²	26 Kg/cm ²	28 Kg/cm ²	30 Kg/cm ²
	250 MM DIA	Meter	2679	2679	2679	2679	2679	2679	2681	2713	2736	2886
	300 MM DIA	Meter	3011	3011	3011	3011	3011	3047	3124	3239	3296	3476
	350 MM DIA	Meter	3654	3654	3654	3671	3701	3734	3825	3956	4068	4258
	400 MM DIA	Meter	4006	4006	4026	4074	4111	4298	4464	4632	4787	5427
	450 MM DIA	Meter	4411	4425	4481	4524	4740	4932	5153	5350	5563	6063
	500 MM DIA	Meter	4933	4982	5044	5278	5533	5794	6072	6309	6724	7174
	600 MM DIA	Meter	6509	6588	6669	7047	7419	7728	8132	8502	9025	9515
	700 MM DIA	Meter	7848	8018	8549	9065	9579	10114	10821	11237	11788	12588
	800 MM DIA	Meter	8903	9585	10244	10890	11566	12460	13169	14186	14865	15855
	900 MM DIA	Meter	11020	11438	12287	13124	13936	14581	16098	17200	18023	19313
	1000 MM DIA	Meter	12423	13542	14511	15477	16493	17994	19661	21071	22167	23837
	1100 MM DIA	Meter	17883	18204	18325	20086	22082	23494	26013	27426	29236	31916
	1200 MM DIA	Meter	19779	20340	21018	23145	25419	27500	29851	30979	34670	38320
2	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of site welding and fixing of Polypropylene Diaher cloth, cost of transportation of water and emptying pipe line after completion of field testing.											
	250 MM DIA	Meter	219	219	219	219	219	219	219	219	219	219
	300 MM DIA	Meter	257	257	257	257	257	257	257	257	257	257
	350 MM DIA	Meter	305	305	305	305	305	305	305	305	305	305
	400 MM DIA	Meter	341	341	341	341	341	341	341	341	341	341
	450 MM DIA	Meter	341	341	341	341	341	341	341	341	341	341
	500 MM DIA	Meter	427	427	427	427	427	427	427	427	427	427
	600 MM DIA	Meter	524	524	524	524	524	524	524	524	524	524
	700 MM DIA	Meter	610	610	610	610	610	610	610	610	610	610
	800 MM DIA	Meter	695	695	695	695	695	695	695	695	695	695
	900 MM DIA	Meter	817	817	817	817	817	817	817	817	817	817
	1000 MM DIA	Meter	903	903	903	903	903	903	903	903	903	903

	1100 MM DIA	Meter	1061	1061	1072	1072	1093	1093	1114	1114	1114	1114
	1200 MM DIA	Meter	1188	1188	1230	1230	1251	1251	1294	1294	1294	1379
3	Conveyance of Bar Wrapped steel Cylindrical (BWSC) pipes and accessories including loading at Factory, un-loading at site and stacking for the following sizes. (Minimum distance of 100 KM to be considered if the distance is less by 100 KM from factory to site)											
	250 MM DIA	Per KM/M	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
	300 MM DIA	Per KM/M	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
	350 MM DIA	Per KM/M	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
	400 MM DIA	Per KM/M	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
	450 MM DIA	Per KM/M	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
	500 MM DIA	Per KM/M	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
	600 MM DIA	Per KM/M	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
	700 MM DIA	Per KM/M	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37
	800 MM DIA	Per KM/M	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79
	900 MM DIA	Per KM/M	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79
	1000 MM DIA	Per KM/M	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31
	1100 MM DIA	Per KM/M	5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46	5.46
	1200 MM DIA	Per KM/M	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67

Note: The above rates of BWSC pipes are based on the following raw materials' cost.

HR Plates - Rs.42,500/- per MT (Basic+CED+ST & freight)

Wire rods - Rs.40,500/- per MT (Basic+CED+ST & freight)

Cement Cost Rs. 3,700/- per MT (including all duties, taxes & freight)

The rates may be revised depending upon the increase/ decrease in the cost of raw materials (landed price) as per the following method.

Revised Cost = Cost as per the above table + R1 + R2 + R3.

R1 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of HR Plate = $(H2 - H1) / 1000 \times Wh$.

R2 = Variation (increase / decrease) in cost (Rs. per metre) due to change in the cost of wire rods = $(W2 - W1) / 1000 \times Ww$.

R3 = Variation (increase / decrease

) in cost (Rs. per metre) due to change in the cost of Cement = $(C2 - C1) / 1000 \times Wc$.

H1 = Rs. 42,500/- H2 = Cost of HR Plate (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

W1 = Rs. 40,500/- W2 = Cost of

Wire rods (Rs. Per MT including all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 3,700/- C2 = Cost of Cement (Rs. Per MT including all

taxes and freight) at the time of preparation of estimate

Wh = Weight of HR Plate required (Kg.) per metre of pipe. Wc = Weight of Cement required (Kg.) per

metre of pipe.

Ww = Weight of wire rods required (kg) per metre of pipe.

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

14. S.S. RATES FOR M.S.SPIRAL PIPES (2010-11)

Sl.No.	Description	Unit	Thickness in mm	Rate (Rs.)
1	2	3	4	5
1	Manufacture, Supply and Delivery of Spirally welded M.S Pipes Conforming to IS 3589/2001 including in lining with Cement motor (1:2)12mm thick using 4 numbers of 6mm dia M.S. Rings at each end of the pipe and Out coating cement motor (1:3) 30mm thick by shorcreting or Guniting duly providing wire mesh of size 50x50x3mm including cost of all materials, Labour charges, Transportation to anywhere in AP, but excluding taxes & duties, etc.			
	500 MM DIA	Meter	8.00	7002
	600 MM DIA	Meter	8.00	8342
	700 MM DIA	Meter	8.00	9731
	700 MM DIA	Meter	10.00	12366
	800 MM DIA	Meter	8.00	11173
	800 MM DIA	Meter	10.00	13067
	800 MM DIA NEW ITEM	Meter	12.00	15718
	900 MM DIA	Meter	8.00	12458
	900 MM DIA	Meter	10.00	14586
	900 MM DIA	Meter	12.00	16718
	1000 MM DIA	Meter	8.00	14007
	1000 MM DIA	Meter	10.00	16362
	1000 MM DIA	Meter	12.00	18636
	1000 MM DIA NEW ITEM	Meter	14.00	21784
	1100 MM DIA	Meter	8.00	16706
	1100 MM DIA	Meter	10.00	19296
	1100 MM DIA	Meter	12.00	21889
	1100 MM DIA NEW ITEM	Meter	14.00	25582
	1100 MM DIA NEW ITEM	Meter	16.00	29288
	1200 MM DIA	Meter	8.00	18988
	1200 MM DIA	Meter	10.00	21803
	1200 MM DIA	Meter	12.00	24630
	1200 MM DIA	Meter	14.00	27469
	1200 MM DIA NEW ITEM	Meter	16.00	31444
	1200 MM DIA NEW ITEM	Meter	18.00	35431
	1300 MM DIA	Meter	8.00	20745
	1300 MM DIA	Meter	10.00	23791
	1300 MM DIA	Meter	12.00	26849
	1300 MM DIA	Meter	14.00	29915
	1300 MM DIA	Meter	16.00	32995
	1300 MM DIA NEW ITEM	Meter	18.00	37175
	1300 MM DIA NEW ITEM	Meter	20.00	41367

Public Health Items

	1400 MM DIA	Meter	8.00	22030
	1400 MM DIA	Meter	10.00	25306
	1400 MM DIA	Meter	12.00	28595
	1400 MM DIA	Meter	14.00	31895
	1400 MM DIA	Meter	16.00	35202
	1400 MM DIA NEW ITEM	Meter	18.00	39657
	1400 MM DIA NEW ITEM	Meter	20.00	44124
	1400 MM DIA NEW ITEM	Meter	22.00	48605
	1500 MM DIA	Meter	8.00	23577
	1500 MM DIA	Meter	10.00	27089
	1500 MM DIA	Meter	12.00	30603
	1500 MM DIA	Meter	14.00	34134
	1500 MM DIA	Meter	16.00	37672
	1500 MM DIA	Meter	18.00	41216
	1500 MM DIA NEW ITEM	Meter	20.00	45855
	1500 MM DIA NEW ITEM	Meter	22.00	50505
	1500 MM DIA NEW ITEM	Meter	24.00	55169
	1600 MM DIA	Meter	8.00	24877
	1600 MM DIA	Meter	10.00	28599
	1600 MM DIA	Meter	12.00	32349
	1600 MM DIA	Meter	14.00	36111
	1600 MM DIA	Meter	16.00	39879
	1600 MM DIA	Meter	18.00	43654
	1600 MM DIA NEW ITEM	Meter	20.00	48563
	1600 MM DIA NEW ITEM	Meter	22.00	53485
	1600 MM DIA NEW ITEM	Meter	24.00	58418
	1600 MM DIA NEW ITEM	Meter	26.00	63362
	1700 MM DIA	Meter	8.00	26408
	1700 MM DIA	Meter	10.00	30377
	1700 MM DIA	Meter	12.00	34357
	1700 MM DIA	Meter	14.00	38347
	1700 MM DIA	Meter	16.00	42344
	1700 MM DIA	Meter	18.00	46355
	1700 MM DIA NEW ITEM	Meter	20.00	51564
	1700 MM DIA NEW ITEM	Meter	22.00	56786
	1700 MM DIA NEW ITEM	Meter	24.00	62019
	1700 MM DIA NEW ITEM	Meter	26.00	67265
	1700 MM DIA NEW ITEM	Meter	28.00	72521
	1800 MM DIA	Meter	8.00	27955
	1800 MM DIA	Meter	10.00	32154
	1800 MM DIA	Meter	12.00	36366
	1800 MM DIA	Meter	14.00	40589
	1800 MM DIA	Meter	16.00	44813
	1800 MM DIA	Meter	18.00	49055
	1800 MM DIA	Meter	20.00	53304
	1800 MM DIA NEW ITEM	Meter	22.00	58698
	1800 MM DIA NEW ITEM	Meter	24.00	64104
	1800 MM DIA NEW ITEM	Meter	26.00	69520
	1800 MM DIA NEW ITEM	Meter	28.00	74949
	1800 MM DIA NEW ITEM	Meter	30.00	80389
	1900 MM DIA NEW ITEM	Meter	8.00	28253

Public Health Items

	1900 MM DIA	Meter	10.00	33670
	1900 MM DIA	Meter	12.00	38108
	1900 MM DIA	Meter	14.00	42560
	1900 MM DIA	Meter	16.00	47021
	1900 MM DIA	Meter	18.00	51493
	1900 MM DIA	Meter	20.00	55969
	1900 MM DIA NEW ITEM	Meter	22.00	61629
	1900 MM DIA NEW ITEM	Meter	24.00	67301
	1900 MM DIA NEW ITEM	Meter	26.00	72985
	1900 MM DIA NEW ITEM	Meter	28.00	78679
	1900 MM DIA NEW ITEM	Meter	30.00	84386
	1900 MM DIA NEW ITEM	Meter	32.00	90103
	2000 MM DIA NEW ITEM	Meter	8.00	29527
	2000 MM DIA	Meter	10.00	35185
	2000 MM DIA	Meter	12.00	39857
	2000 MM DIA	Meter	14.00	44537
	2000 MM DIA	Meter	16.00	49228
	2000 MM DIA	Meter	18.00	53931
	2000 MM DIA	Meter	20.00	58636
	2000 MM DIA	Meter	22.00	63315
	2000 MM DIA NEW ITEM	Meter	24.00	69139
	2000 MM DIA NEW ITEM	Meter	26.00	74973
	2000 MM DIA NEW ITEM	Meter	28.00	80819
	2000 MM DIA NEW ITEM	Meter	30.00	86676
	2000 MM DIA NEW ITEM	Meter	32.00	92545
	2000 MM DIA NEW ITEM	Meter	34.00	98424
	2100 MM DIA NEW ITEM	Meter	8.00	31020
	2100 MM DIA	Meter	10.00	36962
	2100 MM DIA	Meter	12.00	41866
	2100 MM DIA	Meter	14.00	46766
	2100 MM DIA	Meter	16.00	51698
	2100 MM DIA	Meter	18.00	56629
	2100 MM DIA	Meter	20.00	61567
	2100 MM DIA	Meter	22.00	66519
	2100 MM DIA NEW ITEM	Meter	24.00	72634
	2100 MM DIA NEW ITEM	Meter	26.00	78760
	2100 MM DIA NEW ITEM	Meter	28.00	84898
	2100 MM DIA NEW ITEM	Meter	30.00	91046
	2100 MM DIA NEW ITEM	Meter	32.00	97206
	2100 MM DIA NEW ITEM	Meter	34.00	103377
	2100 MM DIA NEW ITEM	Meter	36.00	109559
	2200 MM DIA	Meter	8.00	32292
	2200 MM DIA	Meter	10.00	38478
	2200 MM DIA	Meter	12.00	43612
	2200 MM DIA	Meter	14.00	48752
	2200 MM DIA	Meter	16.00	53905
	2200 MM DIA	Meter	18.00	59064
	2200 MM DIA	Meter	20.00	64235
	2200 MM DIA	Meter	22.00	69418
	2200 MM DIA NEW ITEM	Meter	26.00	82186
	2200 MM DIA NEW ITEM	Meter	28.00	88586
	2200 MM DIA NEW ITEM	Meter	30.00	94998
	2200 MM DIA NEW ITEM	Meter	32.00	101421
	2200 MM DIA NEW ITEM	Meter	34.00	107856

Public Health Items

	2200 MM DIA NEW ITEM	Meter	36.00	114301
	2200 MM DIA NEW ITEM	Meter	38.00	120758
	2300 MM DIA	Meter	10.00	40255
	2300 MM DIA	Meter	12.00	45620
	2300 MM DIA	Meter	16.00	56369
	2300 MM DIA	Meter	18.00	61764
	2300 MM DIA	Meter	20.00	67166
	2300 MM DIA	Meter	22.00	72575
	2300 MM DIA NEW ITEM	Meter	26.00	85917
	2300 MM DIA NEW ITEM	Meter	28.00	92604
	2300 MM DIA NEW ITEM	Meter	30.00	99304
	2300 MM DIA NEW ITEM	Meter	32.00	106014
	2300 MM DIA NEW ITEM	Meter	34.00	112735
	2300 MM DIA NEW ITEM	Meter	36.00	119468
	2300 MM DIA NEW ITEM	Meter	38.00	126212
	2300 MM DIA NEW ITEM	Meter	40.00	132967
	2400MM DIA	Meter	10.00	41768
	2400 MM DIA	Meter	12.00	47364
	2400 MM DIA	Meter	14.00	53856
	2400 MM DIA	Meter	16.00	59471
	2400 MM DIA	Meter	18.00	65092
	2400 MM DIA	Meter	20.00	70725
	2400 MM DIA	Meter	22.00	77173
	2400 MM DIA NEW ITEM	Meter	26.00	83245
	2400 MM DIA NEW ITEM	Meter	28.00	89264
	2400 MM DIA NEW ITEM	Meter	30.00	95292
	2400 MM DIA NEW ITEM	Meter	32.00	101331
	2400 MM DIA NEW ITEM	Meter	34.00	107379
	2400 MM DIA NEW ITEM	Meter	36.00	113437
	2400 MM DIA NEW ITEM	Meter	38.00	119504
	2400 MM DIA NEW ITEM	Meter	40.00	119601
	2400 MM DIA NEW ITEM	Meter	42.00	125683
	2500 MM DIA	Meter	10.00	43548
	2500 MM DIA	Meter	14.00	55207
	2500 MM DIA	Meter	16.00	61051
	2500 MM DIA	Meter	18.00	66903
	2500 MM DIA	Meter	20.00	72766
	2500 MM DIA	Meter	22.00	78636
	2500 MM DIA NEW ITEM	Meter	28.00	100318
	2500 MM DIA NEW ITEM	Meter	30.00	107567
	2500 MM DIA NEW ITEM	Meter	34.00	122101
	2500 MM DIA NEW ITEM	Meter	36.00	129384
	2500 MM DIA NEW ITEM	Meter	38.00	136679
	2500 MM DIA NEW ITEM	Meter	40.00	143985
	2500 MM DIA NEW ITEM	Meter	42.00	151302
	2500 MM DIA NEW ITEM	Meter	44.00	158630
	2500 MM DIA NEW ITEM	Meter	46.00	165970
	2600 MM DIA	Meter	12.00	51115
	2600 MM DIA	Meter	14.00	57183
	2600 MM DIA	Meter	16.00	63259
	2600 MM DIA	Meter	18.00	69341
	2600 MM DIA	Meter	20.00	75435

	2600 MM DIA	Meter	22.00	81535
	2600 MM DIA NEW ITEM	Meter	32.00	119045
	2600 MM DIA NEW ITEM	Meter	34.00	126580
	2600 MM DIA NEW ITEM	Meter	36.00	134127
	2600 MM DIA NEW ITEM	Meter	38.00	141685
	2600 MM DIA NEW ITEM	Meter	40.00	149254
	2600 MM DIA NEW ITEM	Meter	42.00	156834
	2600 MM DIA NEW ITEM	Meter	44.00	164426
	2600 MM DIA NEW ITEM	Meter	46.00	172028
	2600 MM DIA NEW ITEM	Meter	48.00	179643
2	Cost of Laying, Jointing, Hydrostatic filed test pressure, including cost of site welding jointing materials and cost of transportation of water including emptying pipe line after completion of filed testing			
	400 MM DIA	Meter		372.00
	500 MM DIA	Meter		465.00
	600 MM DIA	Meter		571.00
	700 MM DIA	Meter		664.00
	800 MM DIA	Meter		757.00
	900 MM DIA	Meter		890.00
	1000 MM DIA	Meter		983.00
	1100 MM DIA	Meter		1155.00
	1200 MM DIA	Meter		1294.00
	1300 MM DIA	Meter		1487.00
	1400 MM DIA	Meter		1711.00
	1500 MM DIA	Meter		1967.00
	1600 MM DIA	Meter		2262.00
	1700 MM DIA	Meter		2600.00
	1800 MM DIA	Meter		2991.00
	1900 MM DIA	Meter		3440.00
	2000 MM DIA	Meter		3956.00
	2100 MM DIA	Meter		4550.00
	2200 MM DIA	Meter		5232.00
	2300 MM DIA	Meter		6017.00
	2400 MM DIA	Meter		6919.00
	2500 MM DIA	Meter		7957.00
	2600 MM DIA	Meter		9151.00

The above rates of MS Spiral pipes are based on the following raw materials cost.

MS Plates = Rs 40,000/- Per MT.

The rates may be revised depending upon the increase/decrease in the cost of raw materials (landed price) as per the following method.

Revised Cost = Cost as per the above table "R₁".

R₁ = Variation (Increase/Decrease) in cost (Rs. Per meter) due to change in cost of M.S/ Plates = $(M_2 - M_1) / 1000 \times W_m$

M₁ = Rs 40,000/-

M₂ = Cost of MS Plates (Rs. Per MT including all taxes and freight) at the time of preparation of estimate

W_m = Weight of MS Plates required (Kg) per meter of pipe

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate

15. S.S. RATES FOR GLASS FIBRE REINFORCED PLASTIC (GRP) PIPES

Sl.No.	Description						
1	2						
1	GLASSFIBRE REINFORCED PLASTIC (GRP) PIPES CONFORMING TO IS 12709 - 1994 Stiffness class 124 Kpa including transportation to any where in A.P. with jointing materials i.e., Reka couplings, Rubber Gaskets etc., for jointing pipes including cost of specials, loading, un-loading and stacking etc., complete but excluding Central Excise duty and to be added sale tax.						
	Size	Unit	S.S. Rates for 2010-11. Rs.				
			3 Bar	6 Bar	9 Bar	12 Bar	15 Bar
	300 MM DIA	Metre	2526	2595	2668	2739	2858
	350 MM DIA	Metre	2710	2749	2834	2912	3046
	400 MM DIA	Metre	3019	3153	3269	3421	3555
	450 MM DIA	Metre	3542	3678	3879	4070	4302
	500 MM DIA	Metre	4034	4197	4436	4715	4984
	600 MM DIA	Metre	5126	5339	5663	6240	6530
	700 MM DIA	Metre	6148	6427	7208	7862	8458
	800 MM DIA	Metre	7524	7880	8507	9255	9993
	900 MM DIA	Metre	9406	9806	10653	11554	12512
	1000 MM DIA	Metre	11273	11792	12684	13834	14911
2	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of transportation of water and emptying pipe line after completion of field testing.						
	Size	Unit	S.S. Rates for 2010-11. Rs.				
			3 Bar	6 Bar	9 Bar	12 Bar	15 Bar
	300 MM DIA	Metre	97.00	97.00	97.00	97.00	97.00
	350 mm dia	Metre	145.00	145.00	145.00	145.00	145.00
	400 mm dia	Metre	218.00	218.00	218.00	218.00	218.00
	450 mm dia	Metre	266.00	266.00	266.00	266.00	266.00
	500 mm dia	Metre	339.00	339.00	339.00	339.00	339.00
	600 mm dia	Metre	363.00	363.00	363.00	363.00	363.00
	700 mm dia	Metre	411.00	411.00	411.00	411.00	411.00
	800 mm dia	Metre	484.00	484.00	484.00	484.00	484.00
	900 mm dia	Metre	532.00	532.00	532.00	532.00	532.00
	1000 mm dia	Meter	617.00	617.00	617.00	617.00	617.00

Note:1) The material component is 50% of total cost.

2) The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

3) The cost of other specials like tees, reducers etc with flange will be charge @4 times per meter cost of pipe.

4) The cost of other special like plain ended tees, reducers etc will be charge @ 2.50 times per meter cost of pipe.

The methodology adopted for rates is as follows:

Percentage of raw materials in the finished product of the pipe

1) Hoop Glass Fibre Rovings H% (35%)

2) Chop Glass C% (40%) 3) Resin R% (25%)

The cost of variation in Raw materials are:

1) Variation in cost of Hoop Glass : h%

2) Variation in cost of Chop Glass : c%

3) Variation in cost of Resin : r%

The percentage of variation in cost of pipe allowed is

$(H \times h + C \times c + R \times r)/100$

The above raw materials rates are obtained from the principal manufacturers.

The rates of raw materials are:

1) Hoop Glass Fibre Rovings - Rs.82.00/kg (Excluding CED&ST)

2) Chop Glass - Rs.102.00/kg (Excluding CED&ST)

3) Resin - Rs.95.00/kg (Excluding CED&ST)

16. S.S. RATES FOR H.D.P.E PIPES FOR THE YEAR 2010-11. (PE - 80 Grade)

Sl.No	Description	2.5 kg/ sqcm	4.0 kg/ sqcm
1	2	3	4
	Manufacture, supply, & delivery of HDPE pipes conforming to IS 4984 - 1995 including transportation to any where in A.P, excluding excise duty, sale tax and specials etc., complete. (Supply upto 90 mm dia in coil & above 90 mm dia straight length in 6 M.)		
	Rate per Meter		
	OD 20 mm	-	-
	OD 25 mm	-	-
	OD 32 mm	-	-
	OD 40 mm	-	33.00
	OD 50 mm	-	48.00
	OD 63 mm	43.00	66.00
	OD 75 mm	67.00	91.00
	OD 90 mm	90.00	131.00
	OD 110 mm	126.00	195.00
	OD 125 mm	159.00	252.00
	OD 140 mm	207.00	311.00
	OD 160 mm	268.00	407.00
	OD 180 mm	333.00	514.00
	OD 200 mm	409.00	629.00
	OD 225 mm	533.00	822.00
	OD 250 mm	657.00	1017.00
	OD 280 mm	825.00	1268.00
	OD 315 mm	1036.00	1611.00
	OD 355 mm	1261.00	1947.00
	OD 400 mm	1635.00	2523.00
	OD 450 mm	2064.00	3205.00
	OD 500 mm	2543.00	3939.00
	OD 560 mm	3141.00	4861.00
	OD 630 mm	3973.00	6148.00
	OD 710 mm	5054.00	7813.00
	OD 800 mm	6405.00	9890.00
	OD 900 mm	8073.00	12531.00
	OD 1000 mm	9952.00	15431.00

Note:

Excise duty, CST / VAT extra as applicable at the time of supply.

The IPCL resin cost adopted for the above rates are

For PE - 80 grade Rs.77,680/- per MT. (Excluding CED&ST)

The variation in cost of HDPE pipes due to increase / decrease in raw material cost shall be allowed as per the following price variation formula.

price variation formula as follows:

$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95$ (for increase in raw material cost)

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95$ (for decrease in raw material cost)

P2 = Revised pipe price in Rs. Per Meter excluding CED & ST

P1 = Existing pipe price in Rs. Per Meter excluding CED & ST

A2 = Revised price of raw material Rs. Per MT excluding CED & ST

A1 = Existing price of raw material Rs. Per MT excluding CED & ST

M = Weight of pipe in Kgs per Meter as per weight chart.

17. S.S. RATES FOR H.D.P.E PIPES FOR THE YEAR 2010-11. (PE - 100 Grade)

Sl.No	Description	6.0 kg/ sqcm	8.0 kg/ sqcm	10.0 kg/ sqcm	12.5 kg/ sqcm	16.0 kg/ sqcm
1	2	3	4	5	6	7
I	Manufacture, supply, & delivery of HDPE pipes conforming to IS 4984 - 1995 including transportation to any where in A.P,excluding excise duty, sale tax and specials etc., complete. (Supply upto 90 mm dia in coil & above 90 mm dia straight length in 6 M.)					
	Rate per Meter					
	OD 25 mm					32.00
	OD 32 mm			34.00	45.00	53.00
	OD 40 mm		44.00	52.00	68.00	82.00
	OD 50 mm	54.00	67.00	81.00	106.00	127.00
	OD 63 mm	81.00	103.00	125.00	167.00	200.00
	OD 75 mm	115.00	146.00	176.00	238.00	284.00
	OD 90 mm	164.00	209.00	250.00	338.00	410.00
	OD 110 mm	246.00	312.00	372.00	508.00	609.00
	OD 125 mm	314.00	402.00	482.00	652.00	786.00
	OD 140 mm	394.00	503.00	604.00	820.00	986.00
	OD 160 mm	515.00	655.00	787.00	1068.00	1284.00
	OD 180 mm	648.00	830.00	995.00	1349.00	1625.00
	OD 200 mm	802.00	1024.00	1227.00	1671.00	2001.00
	OD 225 mm	1038.00	1326.00	1595.00	2106.00	2537.00
	OD 250 mm	1278.00	1640.00	1969.00	2602.00	3126.00
	OD 280 mm	1602.00	2052.00	2466.00	3271.00	3924.00
	OD 315 mm	2031.00	2599.00	3120.00	4123.00	4961.00
	OD 355 mm	2545.00	3251.00	3907.00	5244.00	6294.00
	OD 400 mm	3359.00	4286.00	5138.00	6790.00	8146.00
	OD 450 mm	4164.00	5334.00	6410.00	8582.00	10278.00
	OD 500 mm	5148.00	6576.00	7904.00	10604.00	12657.00
	OD 560 mm	5912.00	7555.00	9017.00	11687.00	
	OD 630 mm	7449.00	9559.00	11422.00	13698.00	
	OD 710 mm	9481.00	12112.00	14508.00		
	OD 800 mm	12032.00	15379.00	18486.00		
	OD 900 mm	15243.00	19469.00			
	OD 1000 mm	18796.00				

Note:-

Excise duty, CST / VAT extra as applicable at the time of supply.

The IPCL resin cost adopted for the above rates are

For PE - 100 grade Rs.78,680/- per MT. (Excluding CED&ST)

The variation in cost of HDPE pipes due to increase / decrease in raw material cost shall be allowed as per the following price variation formula.

price variation formula as follows:

$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95$ (for increase in raw material cost)

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95$ (for decrease in raw material cost)

P2 = Revised pipe price in Rs. Per Meter excluding CED & ST

P1 = Existing pipe price in Rs. Per Meter excluding CED & ST

A2 = Revised price of raw material Rs. Per MT excluding CED & ST

A1 = Existing price of raw material Rs. Per MT excluding CED & ST

M = Weight of pipe in Kgs per Meter as per weight chart.

18. S.S. RATES FOR H.D.P.E FITTINGS FOR THE YEAR 2010-11.

	Manufacture, supply, & delivery of HDPE fittings conforming to IS 4984 - 1995 including transportation to any where in A.P, excluding excise duty, sale tax and specials etc., complete	
I (a)	PIPE ENDS LONG NECK	Rate per Each
	OD 50 mm	58.00
	OD 63 mm	72.00
	OD 75 mm	86.00
	OD 90 mm	112.00
	OD 110 mm	154.00
	OD 125 mm	277.00
	OD 140 mm	280.00
	OD 160 mm	390.00
	OD 180 mm	553.00
	OD 200 mm	713.00
	OD 225 mm	817.00
	OD 250 mm	956.00
	OD 280 mm	1070.00
	OD 315 mm	1234.00
	OD 355 mm	2577.00
	OD 400 mm	3434.00
	OD 450 mm	5714.00
	OD 500 mm	6360.00
(b)	MS FLANGES	Rate per Each
	OD 50 mm	103.00
	OD 63 mm	132.00
	OD 75 mm	165.00
	OD 90 mm	177.00
	OD 110 mm	187.00
	OD 125 mm	257.00
	OD 140 mm	278.00
	OD 160 mm	365.00
	OD 180 mm	516.00
	OD 200 mm	668.00
	OD 225 mm	835.00
	OD 250 mm	986.00
	OD 280 mm	1119.00
	OD 315 mm	1317.00
	OD 355 mm	2229.00
	OD 400 mm	2765.00
	OD 450 mm	3609.00
	OD 500 mm	4134.00
(c)	END CAPS	Rate per Each
	OD 50 mm	38.00
	OD 63 mm	46.00
	OD 75 mm	59.00
	OD 90 mm	76.00
	OD 110 mm	88.00
	OD 125 mm	122.00
	OD 140 mm	142.00
	OD 160 mm	216.00
	OD 180 mm	351.00
	OD 200 mm	384.00
	OD 225 mm	400.00
	OD 250 mm	568.00
	OD 280 mm	581.00
	OD 315 mm	797.00

	OD 355 mm	1229.00
	OD 400 mm	2146.00
	OD 450 mm	3451.00
	OD 500 mm	6360.00
(d)	REDUCERS	Rate per Each
	OD 50 mm x 63 mm	53.00
	OD 63 mm x 75 mm	77.00
	OD 75 mm x 90 mm	126.00
	OD 90 mm x 110 mm	174.00
	OD 110 mm x 125 mm	265.00
	OD 125 mm x 140 mm	366.00
	OD 140 mm x 160 mm	511.00
	OD 160 mm x 180 mm	709.00
	OD 180 mm x 200 mm	915.00
	OD 200 mm x 225 mm	1124.00
	OD 225 mm x 250 mm	1531.00
	OD 250 mm x 280 mm	2175.00
	OD 280 mm x 315 mm	3075.00
	OD 315 mm x 355 mm	3526.00
	OD 355 mm x 400 mm	4977.00
	OD 400 mm x 450 mm	5162.00
	OD 450 mm x 500 mm	6221.00
(e)	TEES	Rate per Each
	OD 50 mm	74.00
	OD 63 mm	116.00
	OD 75 mm	141.00
	OD 90 mm	248.00
	OD 110 mm	293.00
	OD 125 mm	442.00
	OD 140 mm	611.00
	OD 160 mm	1051.00
	OD 180 mm	1427.00
	OD 200 mm	1964.00
	OD 225 mm	2788.00
	OD 250 mm	3817.00
	OD 280 mm	5345.00
	OD 315 mm	7619.00
	OD 355 mm	10864.00
	OD 400 mm	15911.00
	OD 450 mm	22602.00
	OD 500 mm	31040.00
(f)	BENDS	Rate per Each
	OD 50 mm	46.00
	OD 63 mm	103.00
	OD 75 mm	133.00
	OD 90 mm	229.00
	OD 110 mm	302.00
	OD 125 mm	445.00
	OD 140 mm	586.00
	OD 160 mm	874.00
	OD 180 mm	1255.00
	OD 200 mm	1701.00
	OD 225 mm	2413.00
	OD 250 mm	3308.00
	OD 280 mm	4769.00
	OD 315 mm	6595.00
	OD 355 mm	9142.00
	OD 400 mm	13789.00

	OD 450 mm	20273.00
	OD 500 mm	27484.00
II	Providing and fixing Electro fusion Ferrule Tapping Saddle confirming to prEN 12201-3, Manufactured from virgin resin of PE-80/PE-100 having blue/black colour using food grade compounded raw material with quality assurance certificate from quality agencies like DVGMK/KIWA/SPGN/WRC etc. for usage in drinking water system and having working pressure of 10 Bar. The cost shall include testing of all materials, labour all taxes (Central, State and Municipal), inspection charges, transportation upto site, transit insurance, loading, unloading, stacking, providing and fixing etc. complete as specified and directed	
	SIZE Rate Each	Rs.
	(Main pipe outer diameter in mm & Tapping size in Inches)	
	63x1/2"	799.20
	63 x3/4"	799.20
	63 x1"	799.20
	63 x1/2"	799.20
	75 x1/2"	799.20
	75 x3/4"	799.20
	75 x1	799.20
	90 x1/2"	799.20
	90 x3/4"	799.20
	90 x1"	799.20
	90 x 1 1/4"	1036.80
	90 x 1 1/2"	1036.80
	90 x2"	1036.80
	110x1/2"	799.20
	110 x3/4"	799.20
	110 x1"	799.20
	110 x 1 1/4"	1036.80
	110x1 1/2"	1036.80
	110x2"	1036.80
	160 x1/2"	799.20
	160 x3/4"	799.20
	160 x1"	799.20
	160 x 1 1/4"	1132.80
	160 x 1 1/2"	1132.80
	160 x 2"	1132.80
	200 x 1/2"	1128.00
	200 x 3/4"	1128.00
	200 x 1"	1128.00
	200 x 1 1/4"	1632.00
	200 x 2"	1632.00
	250 x 1/2"	1128.00
	250 x3/4"	1128.00
	250 x1"	1128.00
	250 x 1 1/4"	1632.00
	250 x1 1/2"	1632.00
	250 x 2"	1632.00
	315 x 1/2"	1344.00
	315 x3/4"	1344.00
	315x1"	1344.00
	315x1 1/4"	1824.00
	315x1 1/2"	1824.00
	315x2"	1824.00

19. S.S. RATES FOR PVC PIPES FOR THE YEAR 2010-11

Sl. No.	Description	TEST PRESSURE			
		2.5 Kgs/cm ²	4.0 Kgs/cm ²	6 Kgs/cm ²	10 Kgs/cm ²
1	2	3	4	5	6
1	Manufacture, Supply and delivery of Unplasticised PVCs Pipes for potable water supplies conforming to IS : 4985/2000 (third revision) with bell ends (Socket) as per specification in light Grey/Natural Ivory Grey/ Any other Color (except White) inclusive of transportation to the sub-divisional stores anywhere in AP excluding Excise duty and Sales Tax etc.				
	DIA IN MM Rate/Metre	Rs.	Rs.	Rs.	Rs.
	20				10.00
	25				16.00
	32				25.00
	40			24.00	38.00
	50			37.00	59.00
	63		39.00	56.00	87.00
	75		57.00	78.00	124.00
	90	52.00	79.00	113.00	175.00
	110	78.00	115.00	163.00	263.00
	125	101.00	149.00	207.00	344.00
	140	123.00	186.00	268.00	424.00
	160	164.00	246.00	347.00	559.00
	180	206.00	314.00	448.00	715.00
	200	263.00	382.00	544.00	870.00
	225	338.00	501.00	724.00	1153.00
	250	410.00	585.00	897.00	1412.00
	280	526.00	768.00	1131.00	1788.00
	315	663.00	974.00	1421.00	2256.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

The resin cost adopted for the above rates is **Rs.55,950/- per MT (Basic rate, excluding CED)**

The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.

The price variation formula to be adopted is as follows:

$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95$ (for increase in raw material cost)

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95$ (for decrease in raw material cost)

P2 = Revised pipe price in Rs. Per Metre

P1 = Existing pipe price in Rs. Per Metre

A2 = Revised price of raw material Rs. Per MT

A1 = Existing price of raw material Rs. Per MT

M = Weight of pipe in Kgs per Meter as per weight chart.

20. S.S.RATES FOR NON- PRESSURE P.V.C.U PIPES FOR THE YEAR 2010-11

Code No	Description	
1	2	4
	Manufacture, supply, & delivery of Unplasticized Non-Pressure Polyvinyl Chloride(PVC-U) pipes of dark (any shade of Brown) for use in underground drainage & sewerage systemr conforming to IS 15328/2003) <u>with solvent cement jointing</u> as per specification inclusive of transportation to the Sub-Divisional stores any where in A.P, excluding Central Excise duty, Cess, & VAT etc.,	S.S Rates 2010-11
	Rate per Meter	Rs.
	Pipe Series (\$25)	
	OD 110 mm	-
	OD 125 mm	-
	OD 160 mm	215.00
	OD 200 mm	327.00
	OD 250mm	507.00
	OD 315 mm	800.00
	OD 400 mm(New Item)	1189.00
	OD 500 mm(New Item)	1855.00
	OD 630 mm(New Item)	2930.00
	Pipe Series (\$20)	
	OD 110 mm	-
	OD 125 mm	167.00
	OD 160 mm	266.00
	OD 200 mm	404.00
	OD 250mm	631.00
	OD 315 mm	990.00
	OD 400 mm(New Item)	1464.00
	OD 500 mm(New Item)	2306.00
	OD 630 mm(New Item)	2671.00
	Pipe Series (\$16.5)	
	OD 110 mm	147.00
	OD 125 mm	198.00
	OD 160 mm	309.00
	OD 200 mm	480.00
	OD 250mm	745.00
	OD 315 mm	1176.00
	OD 400 mm(New Item)	1737.00
	OD 500 mm(New Item)	2727.00
	OD 630 mm(New Item)	4349.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

The resin cost adopted for the above rates is **Rs.55,950/- per MT (Basic rate, excluding CED)**

The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.

The price variation formula to be adopted is as follows:

$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95$ (for increase in raw material cost)

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95$ (for decrease in raw material cost)

P2 = Revised pipe price in Rs. Per Metre

P1 = Existing pipe price in Rs. Per Metre

A2 = Revised price of raw material Rs. Per MT

A1 = Existing price of raw material Rs. Per MT

M = Weight of pipe in Kgs per Meter as per weight chart.

21. S.S. RATES FOR NON- PRESSURE P.V.C.U PIPES FOR THE YEAR 2010-11

Code No	Description	
1	2	4
	Manufacture, supply, & delivery of unplasticized Non-Pressure Polyvinyl Chloride(PVC-U) pipes of dark (any shade of Brown) for use in underground drainage & sewerage systemr conforming to IS 15328/2003) with Elastomeric Seal Ring Joints (Ringtite PVC Pipes)as per specification inclusive of transportation to the Sub-Divisional stores any where in A.P, excluding Central Excise duty,Cess, & VAT etc.,	S.S Rates 2010-11
	Rate per Meter	Rs.
	Pipe Series (S25)	
	OD 110 mm	-
	OD 125 mm	-
	OD 160 mm	230.00
	OD 200 mm	350.00
	OD 250mm	543.00
	OD 315 mm	855.00
	Pipe Series (S20)	
	OD 110 mm	-
	OD 125 mm	180.00
	OD 160 mm	284.00
	OD 200 mm	430.00
	OD 250mm	671.00
	OD 315 mm	1053.00
	Pipe Series (S16.5)	
	OD 110 mm	157.00
	OD 125 mm	211.00
	OD 160 mm	330.00
	OD 200 mm	509.00
	OD 250mm	791.00
	OD 315 mm	1249.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

The resin cost adopted for the above rates is **Rs.55,950/- per MT (Basic rate, excluding CED)**

The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.

The price variation formula to be adopted is as follows:

$$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95 \text{ (for increase in raw material cost)}$$

$$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95 \text{ (for decrease in raw material cost)}$$

P2 = Revised pipe price in Rs. Per Metre

P1 = Existing pipe price in Rs. Per Metre

A2 = Revised price of raw material Rs. Per MT

A1 = Existing price of raw material Rs. Per MT

M = Weight of pipe in Kgs per Meter as per weight chart.

22. S.S. RATES FOR CENTRIFUGALLY CAST (SPUN)IRON PRESSURE PIPES

Sl. No.	Description	Unit	S.S. Rates for 2010-11		
1	2	3	4	5	6
I	SOCKET AND SPIGOT CENTRIFUGALLY CAST (SPUN) IRON PRESSURE PIPES FOR WATER, GAS AND SEWAGE CONFORMING TO SPECIFICATION NO: I..S 1536/1989 (THIRD REVISION) WITH Amdt. No: 1 & 2 IN STANDARD LENGTHS OF 3.66 M, 4 M, 4.5M, 5 M, 5.5 M & 6 M AND DETAILS GIVEN BELOW, SUITABLE EITHER FOR LEAD JOINTING OR RUBBER GASKET (PUSHON) JOINTING AT PURCHASERS OPTION AT EX-FACTORY EXCLUDING TRANSPORTATION, TAXES & DUTIES.		LA Class (Rs)	A Class (Rs)	B Class (Rs)
	Nominal dia (in MM)				
	80	Rmt	742.00	805.00	865.00
	100	Rmt	902.00	992.00	1059.00
	125	Rmt	1137.00	1242.00	1337.00
	150	Rmt	1376.00	1507.00	1623.00
	200	Rmt	2009.00	2180.00	2358.00
	250	Rmt	2706.00	2947.00	3188.00
	300	Rmt	3490.00	3816.00	4133.00
	350	Rmt	4466.00	4844.00	5254.00
	400	Rmt	5436.00	5941.00	6412.00
	450	Rmt	6579.00	7228.00	7796.00
	500	Rmt	7784.00	8478.00	9173.00
	600	Rmt	10290.00	11234.00	12168.00
	700	Rmt	13554.00	14808.00	15999.00
	750	Rmt	15181.00	16597.00	18005.00
	800	Rmt	16993.00	18515.00	20028.00
	900	Rmt	20708.00	25956.00	24482.00
	1000	Rmt	24878.00	27176.00	29373.00
	Conveyance of Centrifugally Cast (Spun) Iron Pressure Pipes and accessories including loading at Factory, unloading at site and stacking for the following sizes. (The Minimum distance/lead in Km for destination below 100 Km to be taken as 100 Km)		Class		
	SIZE IN MM	UNIT	LA	A	B
	100	Per KM/RMT	0.20	0.20	0.20
	125	Per KM/RMT	0.30	0.30	0.30
	150	Per KM/RMT	0.30	0.30	0.30
	200	Per KM/RMT	0.50	0.50	0.50
	250	Per KM/RMT	0.60	0.60	0.60
	300	Per KM/RMT	0.80	0.90	0.90
	350	Per KM/RMT	1.10	1.10	1.20
	400	Per KM/RMT	1.30	1.30	1.40
	450	Per KM/RMT	1.50	1.60	1.70
	500	Per KM/RMT	1.80	1.90	2.00
	600	Per KM/RMT	1.70	1.80	1.90
	700	Per KM/RMT	1.80	1.90	2.00
	750	Per KM/RMT	3.00	3.20	3.40
	800	Per KM/RMT	5.10	5.10	5.10
	900	Per KM/RMT	5.10	5.10	5.10
	1000	Per KM/RMT	5.10	5.10	5.10

Note:The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.
Price Variation Formula due to Increase / Decrease in the cost of pig iron.

$$P2 = P1 + (R2 - R1) / 1000 * M * 1.0$$

Where

M = Weight of pipe in kg per metre.

P2 = Revised rate of pipe in Rs. per Rmt.

P1 = Rate of pipe in Rs. per Rmt. as per above table.

R2 = Price of Pig Iron (Rs per MT excluding CED&ST) at the time of preparation of estimate.

R1 = Price of Pig Iron (Rs per MT excluding CED&ST) at the time of preparation of SOR = Rs. 25,000/-

23.S.S. RATES FOR DUCTILE IRON PRESSURE PIPES

Sl. No.	Description	Unit	S.S. Rate for 2010-11	
1	2	3	4	5
1	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON PRESSURE PIPES FOR WATER, GAS AND SEWAGE WITH SOCKET SPIGOT ENDS CONFORMING TO I.S.: 8329/2000 IN STANDARD WORKING LENGTHS OF 4, 5 5.5 & 6 METER FOR CLASSIFICATION K9 & K7 SUITABLE FOR PUSH-ON-JOINT (RUBBER GASKET D JOINTING) WITH CEMENT MORTAR LINING INSIDE THE PIPES WITH OUTSIDE ZINC COATING. RATES ARE EX-FACTORY, EXCLUDING TRANSPORTATION, TAXES & DUTIES.			
	Nominal Dia in mm	Rmt	K9	K7
	100	Rmt	997.00	887.00
	150	Rmt	1474.00	1194.00
	200	Rmt	1967.00	1711.00
	250	Rmt	2581.00	2296.00
	300	Rmt	3269.00	2951.00
	350	Rmt	4075.00	3713.00
	400	Rmt	4914.00	4508.00
	450	Rmt	5880.00	5424.00
	500	Rmt	6840.00	6466.00
	600	Rmt	9021.00	8604.00
	700	Rmt	11667.00	11137.00
	750	Rmt	13092.00	12479.00
	800	Rmt	14445.00	13788.00
	900	Rmt	17619.00	16824.00
	1000	Rmt	20884.00	19940.00
2	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON PRESSURE PIPES FOR WATER, GAS AND SEWAGE WITH PLAIN ENDS CONFORMING TO I.S.: 8329/2000 IN STANDARD WORKING LENGTHS OF 4, 5, 5.5 & 6 METER FOR CLASSIFICATION K9 & K7 WITH CEMENT MORTAR LINING INSIDE THE PIPES WITH OUTSIDE ZINC COATING. RATES ARE EX-FACTORY, EXCLUDING TRANSPORTATION, TAXES & DUTIES.			
	Nominal Dia in mm		K9	K7
	100	Rmt	916.00	755.00
	150	Rmt	1342.00	1086.00
	200	Rmt	1825.00	1546.00
	250	Rmt	2422.00	2010.00
	300	Rmt	3065.00	2648.00
	350	Rmt	3808.00	3326.00
	400	Rmt	4590.00	4027.00
	450	Rmt	5424.00	4824.00
	500	Rmt	6480.00	5743.00

	600	Rmt	8358.00	7608.00
	700	Rmt	10603.00	10082.00
	750	Rmt	11880.00	11278.00
	800	Rmt	13116.00	12471.00
	900	Rmt	15861.00	15080.00
	1000	Rmt	18855.00	17928.00
3	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON PRESSURE PIES WITH FLANGED (WELDED) ENDS FOR WATER, GAS, SEWAGE CONFORMING TO I.S.: 8329/2000 IN STANDARD WORKING LENGTHS OF 1, 2, 3, 4, 5 Mts FOR CLASSIFICATION K9 WITH CEMENT MORTAR LINING INSIDE THE PIPES WITH OUTSIDE ZINC COATING. RATES ARE EX-FACTORY, EXCLUDING TRANSPORTATION, TAXES & DUTIES.			
	Nominal Dia in mm		1.0 Mt. Length	2.0 Mt. Length
	100	Each	3570.00	4635.00
	150	Each	5043.00	6592.00
	200	Each	6665.00	8776.00
	250	Each	8700.00	11517.00
	300	Each	10871.00	14427.00
	350	Each	17040.00	21458.00
	400	Each	21145.00	26484.00
	450	Each	25539.00	31836.00
	500	Each	30927.00	38322.00
	600	Each	43781.00	53508.00
	700	Each	52220.00	64562.00
	800	Each	64374.00	79640.00
	900	Each	76717.00	95176.00
	1000	Each	98466.00	120409.00
			3.0 Mt. Length	4.0 Mt. Length
	100	Each	5701.00	6233.00
	150	Each	8142.00	9031.00
	200	Each	10890.00	12239.00
	250	Each	14334.00	16167.00
	300	Each	17981.00	20396.00
	350	Each	25878.00	28327.00
	400	Each	31822.00	34362.00
	450	Each	38131.00	41040.00
	500	Each	45719.00	49051.00
	600	Each	63231.00	67179.00
	700	Each	76904.00	82263.00
	800	Each	94903.00	101612.00
	900	Each	113636.00	121951.00
	1000	Each	142352.00	151191.00

			5.0 Mt. Length	
	100	Each	7275.00	
	150	Each	10569.00	
	200	Each	14351.00	
	250	Each	18980.00	
	300	Each	23959.00	
	350	Each	32744.00	
	400	Each	39693.00	
	450	Each	47332.00	

	500	Each	56433.00	
	600	Each	76882.00	
	700	Each	94581.00	
	800	Each	116846.00	
	900	Each	144576.00	
	1000	Each	173091.00	
4	Conveyance of Ductile Iron Pressure Pipes and accessories including loading at Factory, un-loading at site and stacking for the following sizes. (The Minimum distance/lead in Km for destination below 100 Km to be taken as 100 Km)		Class	WELDED DOUBLE FLANGED PIPES
	SIZE IN MM	UNIT	K7	K9
	100	Per KM/RMT	0.20	0.30
	150	Per KM/RMT	0.30	0.40
	200	Per KM/RMT	0.30	0.60
	250	Per KM/RMT	0.40	0.80
	300	Per KM/RMT	0.60	1.00
	350	Per KM/RMT	0.70	1.20
	400	Per KM/RMT	0.80	1.40
	450	Per KM/RMT	1.00	1.70
	500	Per KM/RMT	1.20	2.00
	600	Per KM/RMT	1.70	2.60
	700	Per KM/RMT	2.50	3.80
	750	Per KM/RMT	3.00	4.60
	800	Per KM/RMT	5.10	7.60
	900	Per KM/RMT	5.10	7.60
	1000	Per KM/RMT	5.10	7.60

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

Price Variation Formula due to Increase / Decrease in the cost of pig iron.

$P2 = P1 + (R2 - R1) / 1000 * M * 0.96$, Where

M = Weight of pipe in kg per metre as per I.S.8329-2000.

P2 = Revised rate of pipe in Rs. per Rmt.

P1 = Rate of pipe in Rs. per Rmt. as per above table.

R2 = Price of Pig Iron (Rs per MT excluding CED&ST) at the time of preparation of estimate.

R1 = Price of Pig Iron (Rs per MT excluding CED&ST) at the time of preparation of SOR = Rs.25,000

24. S.S. RATES FOR DUCTILE IRON FITTINGS

Sl. No.	Description	Unit	
1	2	3	
	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON FITTINGS CONFORMING TO IS:9523/2000 HAVING DIMENSIONS AS PER TABLE. THE RATES MENTIONED HERE UNDER ARE FOR FITTINGS, ZINC COATED EXTERNALLY WITH INSIDE MORTAR LINING (WITH FINISHING AS PER CLASS 13/IS 9523/2000) (Ex-works) Excluding transportation, taxes and duties etc.		
I	DI double socket branch flange Tee		
	Upto 500 x 500 mm dia	Kg	90.00
	Above 500 x 500 mm dia	Kg	100.00
II	DI All Socket Tees		
	Upto 300 x 300 mm dia	Kg	90.00
	Above 300 x 300 mm dia	Kg	100.00
III	DI Double socket Tapers (Reducer)		
	Upto 500 x 450 mm dia	Kg	90.00
	Above 500 x 450 mm dia	Kg	100.00
IV	DI Flanged Socket		
	Upto 500 mm dia	Kg	90.00
	Above 500 mm dia	Kg	100.00
V	DI Flanged Spigot		
	Upto 500 mm dia	Kg	90.00
	Above 500 mm dia	Kg	100.00
VI	DI Double Socket Duck Foot Bend		
	Upto 300mm dia	Kg	90.00
	Above 300mm dia	Kg	100.00
VII	DI Double Flange Duck Foot bend		
	Upto 300 mm dia	Kg	90.00
	Above 300 mm dia	Kg	100.00
VIII	DI All socket Cross.		
	Upto 300 x 300 mm dia	Kg	90.00
	Above 300 x 300 mm dia	Kg	100.00
IX	DI All Flange Tee		
	Upto 500 x 500 mm dia	Kg	90.00
	Above 500 x 500 mm dia	Kg	100.00
X	DI All Flange Cross		
	Upto 300 x 300 mm dia	Kg	90.00
	Above 300 x 300 mm dia	Kg	100.00
XI	DI Double Flange Reducer		
	Upto 500 x 450 mm dia	Kg	90.00
	Above 500 x 450 mm dia	Kg	100.00
XII	Blank Flange		

	Upto 500 mm dia	Kg	90.00
	Above 500 mm dia	Kg	100.00
XIII	Mechanical Joints		
	Upto 300 mm dia	Kg	90.00
	Above 300 mm dia	Kg	100.00
XIV	DI Double Socket Bends		
	Upto 500mm dia	Kg	90.00
	Above 500 mm dia	Kg	100.00
XV	DI Double Flanged Bends		
	Upto 500mm dia	Kg	90.00
	Above 500 mm dia	Kg	100.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

**Price of Pig Iron(Rs per MT excluding CED&ST) at the time of preparation.
of SOR =Rs. 25,000/-**

**25. S.S. RATES FOR RUBBER GASKETS SUITABLE FOR
C.I/ D.I. S/S PIPES**

Sl. No.	Description	Unit	S.S Rates For 2010-11
1	2	3	4
1	MANUFACTURE AS PER BIS 12820/89 WITH S.B.R. QUALITY RUBBER CONFIRMING TO BIS: 5382/85, SUPPLY AND DELIVERY OF RUBBER GASKETS SUITABLE FOR C.I/ D.I. S/S PIPES ANYWHERE IN A.P. F.O.R. DESTINATION DEPARTMENTAL STORES INCLUDING COST OF MATERIAL, LOADING, INCIDENTAL HANDLING WITH COMPANYS STANDARD PACKING, TRANSPORTATION, UNLOADING & STACKING BUT EXCLUDING CENTRAL EXCISE DUTY, SALES TAX, OCTROI AND OTHER GOVT. LEVIES ETC., COMPLETE.		
	80mm dia	Each	43.00
	100mm dia	Each	67.00
	125mm dia	Each	79.00
	150mm dia	Each	97.00
	200mm dia	Each	119.00
	250mm dia	Each	132.00
	300mm dia	Each	202.00
	350mm dia	Each	255.00
	400mm dia	Each	278.00
	450mm dia	Each	300.00
	500mm dia	Each	416.00
	600mm dia	Each	493.00
	700mm dia	Each	655.00
	750mm dia	Each	727.00
	800mm dia	Each	872.00
	900mm dia	Each	1053.00
	1000mm dia	Each	1152.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

26. RATES FOR CI PIPES AND SPECIALS

Sl. No.	Description	Quality or sort	Rate/ Kg including packing, forwarding, transit risk and delivery any where in A.P. for the year 2010-11. Rs.
1	2	3	4
	MANUFACTURE, SUPPLY AND DELIVERY OF CAST IRON PIPES AND FITTINGS (Spis.) CONFORMING TO I.S. No. 7181/1986, 5531/1988, 3950/1979 AND C.I.D. JOINTS CONFIRMING TO IS No.8794/1988 AT SITE OF WORK ANYWHERE IN A.P. INCLUDING, LOADING, UNLOADING, TRANSPORTATION TO SITE OF WORK STACKING AT SITE TRANSIT RISK AND PACKAGE, EXCLUDING TAXES AND DUTIES.	I.S. No. 7181/1986 5531/1988 3950/1979 & 8794/1988	56.00

Foot Note: The rate of CI pipes, CI Specials and CID Joints etc., which are to be incorporated in the SOR are based on the following raw materials cost.

Pig Iron: Rs.25,000.00/- per M.T.(excluding CED, Tax & Fright)

Coke : Rs.29,100.00/- per M.T. .(Excluding CED, Tax & Fright)

The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method. For every increase/decrease of Rs.1000/- in the cost of raw materials or part there of proportionately.

In respect of Pig Iron: The increase/decrease in cost of CI Specials per Kg is 3.43%.

In respect of coke: The increase/decrease in cost of CI Specials per Kg is 0.67%.

The above price is at site of work , Excise duty, CST/VAT extra as applicable at the time of supply.

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

27. RATES FOR C.I. D/F VALVES

Rate Each in Rs.

Sl.No.	Description	Rs.	Rs.	Rs.
1	2	3	4	5
1	Manufacture, Supply and delivery of CI D/F Sluice valves conforming to IS 14846/2000 with amendments No. 1&2 heavy duty with CI grade FG 260 as per IS: 210. Two coats of primer suitable for EPOXY PAINTS finish shall be applied to all metal surface and finally two coats of Epoxy Paint. The Valves shall be tested for (closed end Test) against Hydrostatic test requirement. The rates are excluding transportation, Central Excise duty and sale tax etc., The operation can be done with <u>handwheel/cap</u> . ISI Marked.			
	DIA IN MM Rate/Each	PN-1.0	PN-1.6	
	50	3,822	4,586	
	65	4,223	5,068	
	80	4,468	5,360	
	100	5,957	7,147	
	125	7,445	8,934	
	150	8,934	10,721	
	200	15,660	18,472	
	250	22,149	26,612	
	300	30,404	35,109	
2	Manufacture, Supply and delivery of CI D/F <u>Sluice valves</u> Non-rising stem conforming to IS 14846/2000 with amendments No. 1&2 heavy duty with CI grade FG 260 as per IS: 210 . Two coats of primer suitable for EPOXY PAINTS finish shall be applied to all metal surface and finally two coats of Epoxy Paint. The Valves shall be tested for (closed end Test) against Hydrostatic test requirement. The rates are excluding transportation, Central Excise duty and sale tax etc., including the cost for <u>enclosed Spur Gear Arrangement with thrust bearing for easy operation</u> . ISI Marked.			
	DIA IN MM Rate/Each	Rs.	Rs.	
	350	68,369	75,210	
	400	81,043	94,025	
	450	1,01,760	1,18,032	
	500	1,16,742	1,35,626	
	600	1,70,994	2,01,095	
	700	2,83,183		
	750	3,97,896		
	800	4,63,964		
	900	5,51,258		
	1000	8,51,760		
	1100	9,62,325		

	1200	11,46,600		
Note:	By Pass arrangement extra @ 7.5% for above 500mm dia. Valves.			
3	Manufacture, Supply and delivery of CI D/F Non Return Valve Heavy Duty Round Body conforming to IS 5312/Part1/1984. Excluding transportation, Central Excise duty and sale tax etc., complete.			
	DIA IN MM Rate/Each	P.N 0.6	PN-1.0	PN-1.6
	50			2,348
	65			2,935
	80			3,523
	100			4,696
	125			5,870
	150		7,043	8,803
	200		14,049	17,561
	250		20,375	25,471
	300		30,655	38,317
	350	42,174		51,771
	400	53,890		67,356
	450	90,771		1,13,471
	500	1,09,492		1,36,873
	600	1,74,929		2,18,668
4	Manufacture, Supply and delivery of CI D/F Kinetic Air Valve Heavy Duty suitable for working pressure up to 16kg/Cm2 without isolating valve, conforming to IS 14845 excluding transportation, Central Excise duty and sale tax etc., complete.			NEW ITEM
	DIA IN MM Rate/Each		PN-1.0	PN-1.6
	40		2,770	3,034
	50		3,347	3,666
	80		4,477	5,504
	100		6,000	6,571
	150		13,517	14,804
	200		22,383	24,515
5	Manufacture, Supply and delivery of CI D/F Kinetic Air Valve as per IS:14845 Heavy Duty with isolating valve bevel gear operated as per IS 14846 excluding transportation, Central Excise duty and sales tax etc., complete.			
	DIA IN MM Rate/Each		PIN 1.0	PIN 1.6
	40		7,881	9,065
	50		9,197	10,578
	80		12,116	13,928
	100		16,689	19,202
	150		32,883	37,828
	200		49,036	56,396
6	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.	10% on basic cost of valves		

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate. For FG 260, Grade of CI shall be certified by reputed 3rd Party Quality Control Agency (as approved by indenting authority) at the cost of the supplier.

28. S.S RATES FOR C.I. D/F SOFT SEATED GATE / SLUICE VALVES

Sl. No.	Description	PN-1.0	PN-1.6
1	2	3	4
1	Manufacture, supply and delivery of CI D/F Gate (Sluice) Valve (Soft Seated) according to standards of BS5163 – 86 type B, also available as per DIN 3352 Part-4/AWWA C509/ISO5752 with body bonnet of Cast Iron of grade FG 260 as per IS 210-1978 wedge fully rubber lined with EPDM Food grade Quality and seals of NBR and the valves should be of vacuum tight and 100% Leak proof with Face to face dimensions as per IS: 14846-2000. Flanges of the valve is according to IS1538-93(Table 6) All the valves should be with Electrostatic powder coating both inside and outside with pocket less body passage, excluding transportation, Central Excise duty and sale tax etc., complete.		
	DIA IN MM Rate/Each	Rs.	Rs.
	50	4,704.00	5,173.00
	80	6,024.00	6,626.00
	100	7,958.00	8,754.00
	150	13,016.00	14,316.00
	200	20,975.00	23,072.00
	250	28,802.00	31,682.00
	300	48,720.00	53,591.00
	350	1,48,785.00	1,61,070.00
	400	1,61,070.00	1,73,355.00
	450	2,05,065.00	2,13,570.00
	500	2,13,570.00	2,22,075.00
	600	2,64,600.00	2,90,115.00
2	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.	10% on basic cost of valves	

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate. For FG 260, Grade of CI shall be certified by reputed 3rd Party Quality Control Agency (as approved by indenting authority) at the cost of the supplier

29. S.S.RATES FOR C.I. BUTTERFLY VALVES.

Sl. No.	Description	TEST PRESSURES		
1	2		3	4
1	Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory.		PN-1.0	PN-1.6
	DIA IN MM Rate / Each		Rs.	Rs.
	40		2,397.00	2,894.00
	50		2,607.00	3,145.00
	65		3,067.00	3,764.00
	80		3,812.00	4,601.00
	100		5,088.00	6,441.00
	125		6,364.00	8,030.00
	150		7,631.00	9,703.00
	200		11,849.00	16,729.00
	250		17,007.00	26,486.00
	300		26,207.00	34,851.00
	350		35,129.00	48,024.00
	400		42,797.00	58,534.00
	450		55,064.00	75,207.00
	500		74,162.00	1,01,303.00
	600		1,08,036.00	1,25,544.00
	700		1,57,523.00	1,88,635.00
	800		2,16,281.00	2,36,981.00
	900		2,68,486.00	2,95,530.00
	1000		3,28,149.00	3,81,957.00
	1100		3,87,812.00	5,01,842.00
	1200		4,48,870.00	5,91,059.00
2	Manufacture, Supply and delivery of CI Wafer type Butterfly Valves conforming to IS 13095/1991 excluding transportation, CED and taxes etc., complete. Operation without worm actuator. (ISI marked) Rate at Ex-Factory.		PN-1.0	PN-1.6
	DIA IN MM Rate / Each			
	80		2,557.00	2,921.00
	100		3,486.00	3,985.00
	125		4,791.00	5,477.00
	150		5,375.00	6,143.00
	200		14,813.00	16,929.00
	250		23,518.00	26,877.00
	300		30,982.00	35,408.00
3	Manufacture, Supply and delivery of CI D/F Butterfly Valves manually gear operated conforming to IS 13095/1991 excluding transportation, CED and taxes etc., complete. ISI marked Rate		PN-1.0	PN-1.6

	at Ex-Factory.			
	DIA IN MM	Rate / Each		
	300		36,722.00	41,969.00
	350		56,822.00	64,939.00
	400		68,033.00	77,751.00
	450		79,489.00	90,845.00
	500		93,736.00	1,07,127.00
	600		1,10,343.00	1,26,107.00
	700		1,65,613.00	1,89,272.00
	750		1,95,200.00	2,23,085.00
	800		2,07,905.00	2,37,607.00
	900		2,59,760.00	2,96,868.00
	1000		3,34,565.00	3,82,360.00
	1100		4,41,591.00	5,04,674.00
	1200		5,18,251.00	5,92,286.00
	1300		7,31,853.00	8,36,404.00
	1400		8,29,922.00	9,48,482.00
	1500		9,46,920.00	10,82,195.00
	1600		12,30,294.00	14,06,050.00
	1800		13,98,328.00	15,98,088.00
	2000		18,83,693.00	21,52,792.00

NOTE All the prices are ex-factory. Excise duty and CST / Local Tax extra as applicable at the time of supply. **Packing and transportation extra at 10% on basic cost.**

The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

30. S.S RATES FOR WATER HAMMER CONTROL DEVICES

(Rate Each in Rs.)

Sl. No.	Description	TEST PRESSURE				Additional charges for Flanged ended valves
		10 Kgs/cm ²	15 Kgs/cm ²	20 Kgs/cm ²	25 Kgs/cm ²	
1	2	3	4	5	6	7
1	Manufacture, Supply and delivery of zero velocity valve/ PSLV with CI body with flanged ends as per AWWA, Ex-factory excluding transportation, Central Excise duty and sale tax etc., complete.					
	DIA IN MM Rate/Each	Rs.	Rs.	Rs.	Rs.	
	150	63,742	74,405	78,801	86,683	
	200	66,591	76,579	82,324	90,554	
	250	75,133	86,403	92,884	1,02,172	
	300	84,553	97,236	1,04,531	1,14,982	
2	Manufacture, Supply and delivery of zero velocity valve/ PSLV with MS Fabricated Body with Plain ends. as per AWWA, Ex-factory excluding transportation, Central Excise duty and sale tax etc.,Complete					
	DIA IN MM Rate/ Each	Rs.	Rs.	Rs.	Rs.	Rs.
	350	90,057	1,03,565	1,11,332	1,22,465	7,803
	400	99,545	1,14,475	1,23,061	1,35,372	9,409
	450	1,15,778	1,33,146	1,43,131	1,57,445	11,244

	500	1,33,810	1,53,880	1,65,422	1,81,965	12,163
	525/550	1,43,728	1,63,390	1,79,953	1,97,949	15,719
	600	1,60,928	1,85,066	1,98,946	2,18,841	22,424
	650	1,80,140	1,98,156	2,25,234	2,43,134	25,358
	700	2,09,974	2,31,086	2,62,525	2,83,522	30,291
	750	2,32,577	2,55,868	2,90,750	3,14,042	34,009
	800	2,83,320	3,25,820	3,50,254	3,85,277	38,323
	900	3,36,744	3,87,255	4,08,472	4,57,930	46,355
	1000	4,08,472	4,08,472	4,08,472	5,67,617	58,861
	1050	4,12,557	4,12,557	4,12,557	5,97,655	61,216
	1100	5,20,412	5,90,106	6,43,375	7,07,714	68,156
	1200	6,26,363	6,89,013	7,84,933	8,45,631	77,105
	1400	9,39,545	10,33,517	11,77,400	12,68,444	1,08,429
	1500	10,94,730	12,04,192	13,68,382	14,77,731	1,10,598
	1600	11,16,624	12,28,274	13,95,750	15,07,284	1,15,658
3	Manufacture, Supply and delivery of Air Cushion valves / Quick Released damped Air Valves (QRDA) as per AWWA, Ex-factory excluding transportation, Central Excise duty and sale tax etc., complete.					
	DIA IN MM	Rate/Each	Rs.	Rs.	Rs.	Rs.
	100		58,289	67,033	73,735	81,106
	150		88,580	1,01,867	1,12,052	1,23,258
	200		94,546	1,08,727	1,19,601	1,31,560
4	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.		10% on basic cost of valves			

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

31. RATES FOR CAST STEEL VALVES FOR THE YEAR 2010-11.

Sl.No.	Description	TEST PRESSURES			
1	2	3	4	5	6
1	Manufacture, Supply and delivery of Cast Carbon Steel rising / Non rising spindle sluice valve design standard as per IS:14846/2000 for Water Supply Scheme with SS Spindle & SS Working parts the grade of Cast Steel for body Bonnet, Dome, Stool Cover, Wedge, Stuffing Box, Gland Thrust Plate, shall be as per IS : 1030 / 1989. (The valve shall be used for High pressure schemes & pumping stations) excluding transportation, Central Excise duty and sale tax etc., complete. ISI Marked	Class-150 Body 425PSI Seat 300 PSI PN-20	Class-300 Body 1100 PSI Seat 750 PSI PN-30	FOR Enclosed Spur Gear Arrangement.	
	Rate/Each			Class 150	Class 300
	DIA IN MM	Rs.	Rs.	Rs.	
	40	5,196.00	10,392.00		
	50	8,562.00	15,588.00		
	65	10,715.00	19,485.00		

	80	12,851.00	23,382.00		
	100	17,140.00	31,175.00		
	125	21,982.00	39,969.00		
	150	25,718.00	46,763.00		
	200	41,536.00	84,434.00	50,837.00	92,888.00
	250	58,462.00	1,32,895.00	67,762.00	141,350.00
	300	73,850.00	1,67,868.00	83,150.00	176,322.00
	350	98,476.00	2,23,824.00	1,11,158.00	235,353.00
	400	2,00,043.00	4,54,642.00	2,12,725.00	466,171.00
	450	2,24,223.00	4,99,607.00	2,36,906.00	511,136.00
	500	2,63,792.00	5,99,528.00	2,76,474.00	611,057.00
	600	3,01,162.00	6,83,462.00	3,13,845.00	694,991.00
	700	5,82,541.00		5,95,223.00	
	750	6,26,506.00		6,44,261.00	
	800	7,25,428.00		7,43,183.00	
	900	8,57,325.00		8,75,080.00	
	1000	10,99,134.00		11,16,889.00	
	1100	11,87,065.00		12,04,820.00	
	1200	13,40,943.00		13,58,698.00	

2	Manufacture, Supply and delivery of Cast Carbon Steel Bolted Cover Non Return Valve as per IS : 5312 / Part1 / 1984. Round body heavy duty material spec. As per IS:1030/1989 with SS Hinge & Seat Rings. excluding transportation, Central Excise duty and sale tax etc., complete					
	DIA IN MM	Rate/Each	PN-20	PN-30		
	Rs.					
	40	5,166.00	9,393.00			
	50	7,687.00	13,989.00			
	65	9,607.00	17,487.00			
	80	11,529.00	20,984.00			
	100	15,818.00	27,979.00			
	125	19,785.00	35,972.00			
	150	21,753.00	39,569.00			
	200	32,974.00	71,943.00			
	250	46,164.00	119,906.00			
	300	65,948.00	149,882.00			
	350	87,931.00	199,843.00			
	400	180,258.00	409,677.00			
	450	202,241.00	459,638.00			
	500	237,413.00	539,575.00			
	600	274,783.00	624,507.00			
3	Manufacture, Supply and delivery of Cast Steel Multi Door Type Non return Valve as per IS; 5312/ Part II / 1984 Heavy duty material spec. as per 1030/1989 with SS hinges & Seat Rings excluding transportation, Central Excise duty and sale tax etc., complete.		PN-20			

		Rate/Each			
	DIA IN MM	Rs.			
	500	3,99,685.00			
	600	4,99,607.00			
	700	5,99,528.00			
	750	7,39,418.00			
	800	10,99,134.00			
	900	13,18,961.00			
	1000	14,38,866.00			
	1100	16,98,662.00			
	1200	17,18,646.00			
4	Manufacture, Supply and delivery of Cast Steel D/F Butter fly Valves conforming to IS; 13095/1991 manually heavy duty Gear operation, excluding transportation, Central Excise duty and sale tax etc., complete.				
	DIA IN MM	PN-1.0/1.6	PN-2.5		
	Rat e/Each				
	300	76,285.00	95,095.00		
	350	1,02,619.00	1,28,953.00		
	400	1,23,310.00	1,59,885.00		
	450	1,49,435.00	1,89,145.00		
	500	1,70,335.00	2,17,360.00		
	600	1,98,550.00	2,54,980.00		
	700	3,11,410.00	3,86,650.00		
	750	3,86,650.00	4,80,700.00		
	800	4,24,270.00	5,27,725.00		
	900	4,80,700.00	6,02,965.00		
	1000	7,62,850.00	9,50,950.00		
	1100	9,50,950.00	12,33,100.00		
	1200	11,39,050.00	12,33,100.00		
	1300	15,25,700.00	17,03,350.00		
	1400	16,09,300.00	17,97,400.00		
	1500	17,03,350.00	18,91,450.00		
	1600	19,85,500.00	22,67,650.00		
	1800	24,55,750.00	26,43,850.00		
	2000	33,96,250.00	36,78,400.00		
5	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.	10% on basic cost of valves			

Note : The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

32. S S RATES FOR DI D/F VALVES FOR THE YEAR 2010-11.

Rate/Each in Rs.

Sl. No.	Description	TEST PRESSURE			
		PN 10	PN 16		
1	2	3	4	5	6
1	Manufacture, supply and delivery of Single Chamber DI <u>Air Valve</u> with Body and cover in Ductile Iron of grade SG 400/12 or equivalent grade as per I.S.3896-part2-1985 and subsequent revisions. All internal parts such as float, shell etc., all cover bolts, of stainless steel, and Gaskets and seals of EPDM food grade quality.S Epoxy powder coating (EP-P) inside and outside colour blue. Drilled as per IS:1538.				
	DIA IN MM	PN 10	PN 16	PN 25	
	50	25,473	25,473	32,775	
	80	33,983	33,983	33,983	
	100	39,675	39,675	45,626	
	150	48,300	48,300	55,200	
	200	52,900	52,900	61,525	
2	Manufacture, Supply and delivery of DI D/F <u>Gate Valves</u> (Soft Seated) Resilient seated soft sealing gate valves (Sluice valves) with body bonnet of ductile cast iron of grade GGG40/ SG 400/12 or equivalent grade as per I.S.3896-part2-1985 and subsequent revisions, wedge fully rubber lined with EPDM food grade quality and seals of NBR and the valves should be of vacuum tight and 100% leak proof with face to face dimensions as per BS5163-89/IS14846-2000/DIN 3202 F 4. All the valves should be with Electrostatic powder coating both inside and outside pocket less body passage. Drilled as per IS:1538.				
	DIA IN MM	PN 10	PN 16	PN 25	
	50	6,098	6,098	10,306	
	80	7,809	7,809	12,706	
	100	10,301	10,301	14,407	
	150	16,220	16,220	24,030	
	200	26,954	26,954	40,532	
	250	37,331	37,331	60,203	
	300	56,420	56,420	97,650	
	350	1,70,823	1,70,823	2,85,755	
	400	1,79,166	1,79,166	2,90,653	
	450 With By-pass & Gear	3,08,243	3,08,243	5,79,405	
	500 With By-pass & Gear	3,27,334	3,27,334	6,15,289	
	600 With By-pass & Gear	4,21,512	4,21,512	7,92,315	
3	Manufacture, Supply and delivery of DI D/F <u>Butterfly Valves</u> with GGG40/SG 400/12 or Equivalent grade as per I.S.3896-part 2-1985 and subsequent revisions, Double eccentrically Disc., with renewable soft seal on the disc and Body seat face of stainless steel / nickel weld overlay, with powder or liquid Epoxy coating with minimum thickness of 250 microns applied on both body and disc inside and outside. Face to face dimensions as per AWWA C 504 or BS 5155-long body or IS:13095 long body. Drilled as per IS: 1538/ISO				

	DIA IN MM	PN 10	PN 16	PN 25	PN 40
	150	65,006	65,006	67,104	89,089
	200	70,802	73,100	85,891	1,08,326
	250	82,494	84,892	99,432	1,51,796
	300	98,433	1,01,331	1,13,023	1,59,391
	350	1,12,623	1,22,866	1,43,102	1,73,482
	400	1,41,850	1,60,710	1,87,113	2,65,227
	450	1,55,726	1,72,835	2,20,118	
	500	1,57,207	1,85,564	2,95,084	3,27,750
	600	2,06,041	2,90,909	3,42,502	3,59,127
	700	4,06,760	4,29,196	6,45,064	
	800	4,40,977	4,59,560	9,41,495	
	900	5,76,712	5,76,712		
	1000	7,22,935	7,22,935	13,65,228	
	1100	8,31,375			
	1200	9,68,651	9,68,651	15,25,131	
	1400	20,81,819	20,81,819		
	1600	24,82,376	24,82,376		
	1800	30,44,778	30,44,778		
	2000	52,01,268	52,01,268		
	2200	75,09,052	75,09,052		
4	Manufacture, Supply and delivery of DI D/F <u>Swing Check Valves</u> Slanted/Straight seated with metallic, corrosion proof and wear resistant seat faces/resilient seat, Body and Disc of ductile cast iron GGG 40/SG Iron 420/12 or equivalent grade as per IS 3896(part2)-1985 and subsequent revisions. All the inside and outside of the body is to be coated with double coating of epoxy liquid. Drilled as per IS:1538. Specification and Dimensions as per I.S 5312 or equivalent codes.				
	DIA IN MM	PN 10	PN 16	PN 25	PN 40
	100	25,758	28,620		
	150	43,254	48,060		
	200	65,594	69,496	1,01,922	1,33,407
	250	72,187	76,559	1,23,786	1,56,415
	300	90,485	95,867	1,50,696	1,90,926
	350	1,06,497	1,12,887	1,71,417	2,08,418
	400	1,29,370	1,37,106	1,73,570	2,25,708
	500	1,64,488	1,74,445	2,19,989	2,89,485
	600	2,46,790	2,61,625	3,24,300	4,19,175
	700	3,56,213	3,88,470	4,74,835	6,02,140
	800	4,45,395	4,85,415	5,98,748	7,58,540
5	Manufacture, supply and delivery of DI (Ductile Iron) Wafer Butterfly valves conforming to IS 13095-1991. With hand lever below 150 mm, with Worm gear for 200 mm and above excluding transportation, CED and taxes etc, completed				
	DIA IN MM	PN 10	PN 16		
	40	4415	4415		
	50	4415	4415		
	65	4778	4778		
	80	5210	5710		
	100	7325	7594		
	125	9206	9206		

	150	12432	12701		
	200	16867	16867		
	250	22445	22445		
	300	31584	31584		
	350	38327	41577		
6	Manufacture and supply of– Air Release – Vacuum Break – Surge Alleviation” Valve for potable water. Construction material Cylindrical Body of Ductile Iron GGG-50/SG-500-7, Three cylindrical Floats of High Density Poly Ethylene. Baffle Plate, Orifice venture and all construction bolts of stainless steel, coating internally and externally. Electro statically applied epoxy (1) Flange connection as per IS 1538, (2) Female (BSP/NTP Threaded for sizes 25 mm				
	DIA IN MM	<u>PN 10</u>	<u>PN 16</u>	<u>PN 25</u>	
	25 mm dia	11,660	-	-	
	50 mm dia	-	37,575	37,575	
	80 mm dia	-	58,950	58,950	
	100 mm dia	-	65,000	65,000	
	150 mm dia	-	1,33,300	1,33,300	
	200 mm dia	-	2,00,200	2,00,200	
7	Manufacturer and supply of Metal Seated Gate Valve Non- Rising Stem with by-pass & gear operated, for water and sewage applications& dimensions confirming to IS 14846-2000. Material construction Body, Bonnet, Wedge and Distance Piece of ductile iron GGG-50/SG500/7 DIN1693 or equivalent. Body seat, Wedge seat and Stem nut of Aluminum Bronze BS EN 1982 CC331G/equivalent, Stem of Stainless steel BS EN 100881.4057 or equivalent. 'O' Seal Body/Cover is of EPDM food grade Quality. Fastners is of Steel Sheraplex coated to BS 3692 Gr 8.8 or equivalent. Body and Bonnet internally and externally blue two pack epoxy to WIS 4-52-01 Class B. Leakage tested for seat 1.1 PN and body 1.5 x PN. Flange connection as per IS 1538.				
	DIA IN MM	<u>PN 10</u>	<u>PN 16</u>		
	DN700	10,80,039	10,80,039		
	DN800	13,65,553	13,65,553		
	DN 900	15,43,628	15,43,628		
	DN 1000	17,29,506	17,29,506		
	DN 1100	26,78,623	26,78,623		
	DN 1200	23,56,607	23,56,607		

NOTE:-All the prices are ex-go down /ex-factory. Excise duty and CST /Local Tax Extra as applicable at the time of supply. Packaging and Transportation extra at 5% on basic cost. The duties and taxes as applicable may be added as per rules at the time of preparation of estimate. The grade of DI & conformation to specifications shall be certified by a third party Quality Control Agency approved by indenting authority at the cost of supplier.

33. S.S RATES FOR SFRC MAN-HOLE FRAME WITH COVERS

Sl.No.	Description	Unit	S.S. Rates for 2010-11.
1	2	3	4
I	Manufacture as per BIS:12592 (Part 1&2) Supply & Delivery of manhole covers and frames with ISI marking anywhere in A.P., F.O.R. destination including, loading, un-loading & stacking at site but excluding central excise duty, sales tax, octroi and other Govt levies etc., as applicable. <u>I.S.I Mark</u>		Rs.
a)	M.D. -10 with 500mm dia clear opening	Each	1294.00
b)	H.D.-20 with 500mm dia clear opening	Each	1668.00
c)	H.D.-10with 560mmdia clear opening(New item)	Each	1309.00
d)	H.D.-20 with 560mm dia clear opening	Each	1789.00
e)	H.D.-35 with 560mm dia clear opening.	Each	1916.00
f)	24x24 MD 10	Each	1410.00
g)	24x18 MD 10	Each	1298.00
h)	24x24 HD 20	Each	1586.00
i)	24x18 HD 20	Each	1616.00
j)	Deviders 0.9 mtr.	Each	3319.00
II	Manufacture as per company's standard specification supply and delivery of encapsulated plastic steps for man holes anywhere in A.P. including cost of materials packing as per company's standards, loading, transportation, unloading and stacking at site of work etc, complete but excluding taxes such as sales tax, C.E.D and others etc., as applicable.	Each	136.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

34. CI and M.S. DISMANTLING JOINTS

Sl.No.	Description	Unit	2010-11.
1	2	3	4
1	Manufacture, Supply and delivery of CI Dismantling Joints with both side flange end suitable for installation in between flange end pipes. These rates are excluding Excise duty, Taxes and transportation charges etc., complete.		Rs.
	Nominal Dia. In MM		
	50	Each	2,995
	80	Each	3,279
	100	Each	4,304
	125	Each	5,533
	150	Each	6,070
	200	Each	8,608
	250	Each	10,248
	300	Each	16,397
2	Manufacture, Supply and delivery of MS. Dismantling Joints with both side flange end suitable for installation in between flange end pipes. Thickness as per IS: 7322. These	Each	

	rates are excluding Excise duty, Taxes and transportation charges etc., complete		
	Nominal Dia. in MM		
	350		38,889
	400		44,564
	450		48,348
	500		57,867
	600		67,335
	700		74,911
	750		76,805
	800		91,956
	900		95,935
	1000		114,915
	1100		124,403
	1200		143,381
	1300		162,357
	1400		181,704
	1600		200,718
	1800		237,692
	2000		295,796
3	Conveyance of joints and accessories including loading at factory and unloading, stacking at site of work.		5% on basic cost
Note:	The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.		

35. S.S RATES FOR FUSION BONDED EPOXY COATING FOR THE YEAR 2010-11.

Sl. No.	Description	Unit	Rate (Rs.)
1	2	3	4
	Providing fusion bonded epoxy coating not less than 175 microns thickness and upto 300 microns to reinforcement of all diameters as per IS 13620-1993 including testing of coating at plant. The rate is inclusive of cost on account of careful handling, PVC coated binding wire instead of GI binding wire, touch up material supplied by coating agency, repair work, transportation from the source of supply of steel to the plant and transportation of coated steel from the plant to site of work, loading, unloading and straightening of bent rods etc., complete as per specification and as directed by the Engineer-in-charge.	per MT	10,000.00

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

36. OTHER ITEMS

Sl. No.	Description	Unit	S.S. Rates for 2010- 11.
1	2	3	4
1	SUPPLY AND DELIVERY OF PIG LEAD 99.99 % PURE INCLUDING TAXES AND CONVEYANCE ETC., COMPLETE.	Per Kg	229.00
	SUPPLY AND DELIVERY OF LEAD WOOL BEST QUALITY INCLUDING TAXES AND CONVEYANCE ETC., COMPLETE.	Per Kg	120.00
2	SUPPLY AND DELIVERY OF SPUN YARN OF BEST QUALITY INCLUDING TAXES AND CONVEYANCE ETC., COMPLETE.	Per Kg	90.00
3	SUPPLY AND DELIVERY OF RUBBER PACKING INCLUDING TAXES AND CONVEYANCE ETC., COMPLETE.		
	a) 3 mm thick	Per Kg	73.00
	b) 6 mm thick	Per Kg	73.00
4	SUPPLY AND DELIVERY OF BOLTS AND NUTS WITH DOUBLE WASHERS INCLUDING TAXES AND CONVEYANCE ETC., COMPLETE. (1/2" TO 1")	Per Kg	89.00

NEW ITEM**H.D.P.E PIPES- PE - 100 Grade- (SEWER LINES) FOR THE YEAR 2010-11.**

Sl.No	Description	6.0 kg/ sqcm	8.0 kg/ sqcm	10.0 kg/ sqcm	12.5 kg/ sqcm	16.0 kg/ sqcm
1	2	3	4	5	6	7
I	Manufacture, supply, & delivery of HDPE pipes conforming to IS 14333 - 2000 For using Under Ground Drainage & Sewerage systems including transportation to any where in A.P,excluding xcise duty, A.P. VAT and specials etc., complete. (Supply upto 90 mm dia in coil & above 90 mm dia straight length in 6 M or 12 M.)					
	Rate per Meter					
	OD 63 mm	87.18	110.70	133.23	156.59	188.16
	OD 75 mm	123.72	156.59	188.09	223.65	267.39
	OD 90 mm	175.84	224.13	269.04	318.54	384.96
	OD 110 mm	251.26	319.43	379.93	456.27	545.29
	OD 125 mm	321.75	410.96	492.73	584.89	704.50
	OD 140 mm	403.01	513.80	617.89	734.95	883.70
	OD 160 mm	525.68	669.73	805.42	957.46	1151.07
	OD 180 mm	661.77	849.03	1017.76	1209.35	1456.02
	OD 200 mm	819.63	1046.24	1254.57	1498.48	1793.68
	OD 225 mm	1033.06	1319.69	1587.69	1887.93	2274.16
	OD 250 mm	1274.85	1632.08	1959.57	2332.14	2801.35
	OD 280 mm	1594.27	2042.44	2443.01	2932.08	3516.91
	OD 315 mm	2017.67	2585.45	3106.15	3696.60	4447.35
	OD 355 mm	2556.73	3274.08	3940.42	4701.45	5641.93
	OD 400 mm	3388.06	4335.17	5205.68	6206.94	7445.47
	OD 450 mm	4278.28	5486.16	6594.66	7844.35	
	OD 500 mm	5287.79	6764.05	8132.02	9693.10	
	OD 560 mm	6609.62	8475.84	10202.73		
	OD 630 mm	8370.91	10729.15	12891.55		
	OD 710 mm	10888.30	13946.37			
	OD 800 mm	13811.64				
	OD 900 mm	17495.25				
	OD 1000 mm	21613.78				

Note:-

Excise duty, CST / VAT extra as applicable at the time of supply.

The IPCL resin cost adopted for the above rates are

For PE - 100 grade Rs.78,680/- per MT. (Excluding CED&ST)

The variation in cost of HDPE pipes due to increase / decrease in raw material cost shall be allowed as per the following price variation formula.

price variation formula as follows:

$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95$ (for increase in raw material cost)

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95$ (for decrease in raw material cost)

P2 = Revised pipe price in Rs. Per Meter excluding CED & ST

P1 = Existing pipe price in Rs. Per Meter excluding CED & ST

A2 = Revised price of raw material Rs. Per MT excluding CED & ST

A1 = Existing price of raw material Rs. Per MT excluding CED & ST

M = Weight of pipe in Kgs per Meter as per weight chart.

Conveyance Charges of Material

CONVEYANCE CHARGES OF MATERIALS AS PER SoR 2010-11

(COMMON TO ALL DEPARTMENTS).

LEAD, LIFT, LOADING AND UNLOADING CHARGES FOR MATERIALS

FOR THE YEAR: 2010-11

1. For total lead up to 150 m (including initial lead) lead charges by head load only shall be adopted irrespective of mode of conveyance.
2. For total lead exceeding 150 m conveyance by mechanical means only shall be adopted irrespective of mode of conveyance.
3. The rates for loading at quarry including idle hire charges of trucks and hire charges per for each kilometer and up to 5 km are cumulative and inclusive of total charges for preceding lead.
4. Unless otherwise specified lead charges for Earth / Sand / Gravel / Aggregates and Stones are for loose volume and not for compacted or in-situ volume.
5. The rates for lift charges, lead charges, hire charges are cumulative and inclusive of rates for preceding lift, lead and hire charges.
6. Lift charges are not payable where conveyance of materials is by mechanical means to final placing point.
7. Loading and unloading charges are not payable for conveyance by head load.
8. Loading charges are not payable for conveyance by mechanical means for disposal of excavated materials beyond initial lead of 50 m wherever specified.
9. Loading and unloading charges are not payable for conveyance by mechanical means for disposal of excavated materials beyond initial lead of 1 km wherever specified.
10. The rates for unloading of materials except earth, sand, gravel, coarse aggregate, rubble, size stone and cut stone are inclusive of stacking.
11. Hire charges are per 1KM for tippers and trucks for transport of materials from work site to dump yard and other places are cumulative& includes previous km up to 5 kms
12. **For detailed calculations, refer to the Lead & Lift charges (Common to all Departments) chapter of Irrigation & CAD works (Part-1), A.P. Revised Standard data. The lead & lift charges are inclusive of 14% Contractors profit and Overhead charges.**

A. (Lead) Conveyance Charges for materials by head load**FOR THE YEAR: 2010-11**

SI No.	Total distance (Total lead includes initial lead)	Earth / Sand /Gravel / Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs/Cum	Cement / Reinforce- ment steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab/ Late-rite / Wood Rs / cum
1	2	3	4	5
1	Total lead up to 50 m (covered by item rate)	initial lead	initial lead	initial lead
2	Total lead up to 100 m	31.90	18.60	40.60
3	Total lead up to 150 m	63.80	37.20	81.30

Notes: 1. No loading or unloading charges are admissible for conveyance by head load.

2. For total lead exceeding 150 m conveyance charges by mechanical means only shall be adopted irrespective of mode of conveyance.

3.The lead charges are inclusive of 14% Contractor Profit and Over Head charges**B.(Lead) Conveyance charges for machinery per kilometer for transporting materials by tippers and trucks excluding loading, unloading and idle hire charges of machinery FOR THE YEAR: 2010-11****(No loading and unloading charges allowed for machinery loading and unloading)**

SI No.	Distance	(Lead) charges for trucks and tippers for Earth / Sand /Gravel / Murrum/ Lime/ Surki/ per cu.meter	(Lead) charges for trucks and tippers for Rubble/Size stones/ Cut Stones/ Coarse aggregate per cu.meter	(Lead) charges for trucks and tippers for Cement/ Steel/ RCC poles/ AC & GI sheets/ Packed materials/t onne	(Lead) charges for trucks and tippers per cu.meter for PCC slabs/ Shahabad slabs/ CC & Laterite blocks/ Wood/ cum	(Lead) charges for trucks and tippers per cu.meter water/ 1000 litres	(Lead) charges for trucks per 1000 Nos of Bricks of Modular & Non- modular sizes (for larger size bricks, conveyance may be allowed on equivalent volume)
1	2	3	4	5	6	7	8
1	Lead up to 1 km	21.50	19.10	11.90	28.00	11.90	31.75
2	Lead up to 2 km	30.20	26.70	16.70	39.20	16.70	44.46
3	Lead up to 3 km	40.20	40.20	25.10	59.10	22.20	59.28
4	Lead up to 4 km	48.80	48.80	30.50	71.80	27.00	71.98
5	Lead up to 5 km	57.40	57.40	35.90	84.50	31.80	84.68
6	for Every km beyond 5 km up to 30 km	8.60	8.60	5.40	12.70	4.80	12.70
7	for Every km beyond 30 km	7.20	7.20	4.50	10.60	4.00	10.58

Note: The lead charges are inclusive of 14% Contractor Profit and Over Head charges

C. LOADING AND UNLOADING CHARGES BY MANUAL MEANS (idle hire charges of trucks are not added)

Sl No.	Description of item	Earth / Sand /Gravel /Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	10.60	21.10	34.90	41.80	29.00
2	Unloading	5.30	10.55	34.90	41.80	29.00

Note: The lead charges are inclusive of 14% Contractor Profit and Over Head charges

D. LOADING AND UNLOADING CHARGES BY MANUAL MEANS (including idle hire charges of trucks)

Sl No.	Description of item	Earth / Sand /Gravel /Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	68.30	78.90	98.60	105.60	134.10
2	Unloading	24.50	39.45	98.60	105.60	134.10

Note: The lead charges are inclusive of 14% Contractor Profit and Over Head charges.

E. LOADING AND UNLOADING CHARGES BY MECHANICAL MEANS (including idle hire charges of trucks)

Sl No.	Description of item	Earth / Sand /Gravel /Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum
1	2	3	4
1	Loading	34.30	68.30
2	Unloading	10.90	10.90

Note: The lead charges are inclusive of 14% Contractor Profit and Over Head charges

F. LIFT CHARGES FOR MATERIALS BY HEAD LOAD

Sl No.	Total lift (Total lift includes initial lift)	Earth / Sand /Gravel /Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs / cum	Cement /Reinforce-ment steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab / Laterite / Wood Rs / cum
1	2	3	4	5
1	Total lift up to 3 m (covered by item rate)	Initial lift	Initial lift	Initial lift
2	For Every 1.00 Lift beyond initial lift of 3 meters	3.70	2.70	5.00

Note: The lead charges are inclusive of 14% Contractor Profit and Over Head charges

HIRE CHARGES

**HIRE CHARGES OF PLANT & MACHINERY
FOR THE YEAR: 2010-11**

Sl. No	Description of machinery	Unit	Hire charge in Rs	Fuel charge in Rs	Crew Charge in Rs.	Total in Rs
1	2	3	4	5	6	7
1	Agitator car / Transit mixer 2 cum	Hour	594.10	582.30	160.40	1336.80
2	Air compressor 5 cmm (electric)	Hour	67.40	129.90	96.50	293.80
3	Air compressor 7 cmm (diesel)	Hour	165.80	476.40	123.60	765.80
4	Air compressor 7 cmm (electric)	Hour	96.50	173.20	96.50	366.20
5	Air compressor 8.5 cmm (diesel)	Hour	191.30	595.50	123.60	910.40
6	Air compressor 8.5 cmm (electric)	Hour	109.30	216.50	96.50	422.30
7	Air compressor 15 cmm (electric)	Hour	91.50	481.20	103.00	675.70
8	Angle Dozer 90 hp	Hour	1193.80	407.40	128.70	1729.90
9	Batching plant 0.5 cum (6 Cum/hr)	Hour	91.00	57.70	185.30	334.00
10	Batching plant 2 x 1.00 cum (15 Cum/hr)	Hour	239.60	173.20	185.30	598.10
11	Batching plant 2 x 1.50 cum (50 Cum/hr)	Hour	306.70	211.70	185.30	703.70
12	Bending machine 3000 x 12 mm	Hour	14.50	57.70	77.20	149.40
13	Clamp shell and hoisting ropes	Hour	3.80	0.00	0.00	3.80
14	Concrete bucket 1.5 cum	Hour	12.00	0.00	0.00	12.00
15	Concrete hand mixer 45 / 30 ltr	Hour	3.80	0.00	0.00	3.80
16	Concrete mixer 300 / 200 (diesel)	Hour	41.20	52.90	128.70	222.80
17	Concrete mixer 300 / 200 ltr (electric)	Hour	37.60	19.20	128.70	185.50
18	Concrete mixer 600 / 400 (diesel)	Hour	69.90	105.90	128.70	304.50
19	Concrete mixer 600 / 400 ltr (electric)	Hour	57.30	38.50	128.70	224.50
20	Concrete paver 100 sqm / hr	Hour	257.60	0.00	247.10	504.70
21	Convey mucker	Hour	619.00	134.00	103.00	856.00
22	Core drilling machine	Hour	233.00	158.80	154.40	546.20
23	Diesel generating set 30 KVA	Hour	45.40	423.50	77.20	546.10
24	Diesel generating set 50 KVA	Hour	60.10	635.30	77.20	772.60
25	Diesel Loco 45 hp	Hour	225.80	357.30	96.50	679.60
26	Dewatering pump 5 hp (diesel)	Hour	7.70	52.90	64.40	125.00
27	Dewatering pump 5 hp (electric)	Hour	1.90	19.20	48.30	69.40
28	Dewatering pump 10 hp (diesel)	Hour	11.50	105.90	64.40	181.80
29	Dewatering pump 10 hp (electric	Hour	3.00	38.50	48.30	89.80
30	Dewatering pump 20 hp (diesel)	Hour	33.20	211.80	64.40	309.40
31	Dewatering pump 20 hp (electric	Hour	5.50	77.00	48.30	130.80
32	Drifter	Hour	201.50	0.00	193.10	394.60
33	Drilling jumbo	Hour	272.50	28.60	103.00	404.10
34	Dumper 4.5 cum	Hour	366.20	266.80	128.30	761.30
35	Geophysical Electric resistivity meter	Hour	60.30	0.00	0.00	60.30
36	Grouting pump	Hour	17.90	19.20	154.40	191.50
37	Gunite / sand blast equipment	Hour	78.20	0.00	128.70	206.90
38	Ice plant & accessories 30 t / day	Hour	129.70	548.50	77.20	755.40
39	Jack hammer	Hour	12.30	0.00	193.10	205.40
40	Needle vibrator 40 mm (petrol)	Hour	5.40	10.60	92.60	108.60
41	Needle vibrator 40 mm (electric)	Hour	6.10	3.80	92.60	102.50
42	Needle vibrator 60 mm (petrol)	Hour	5.60	15.90	92.60	114.10
43	Needle vibrator 60 mm (electric)	Hour	7.30	5.80	92.60	105.70
44	Planing machine 4 m stroke	Hour	83.80	57.70	123.60	265.10

Sl. No	Description of machinery	Unit	Hire charge in Rs	Fuel charge in Rs	Crew Charge in Rs.	Total in Rs
1	2	3	4	5	6	7
45	Plate shearing machine up to 12 mm	Hour	29.20	77.00	77.20	183.40
46	Pneumatic placer 0.5 cum	Hour	124.40	0.00	50.30	174.70
47	Pneumatic tamper	Hour	12.50	0.00	154.40	166.90
48	Pug cutting machine	Hour	5.50	1.90	0.00	7.40
49	Pusher leg	Hour	7.70	0.00	0.00	7.70
50	Road roller diesel 10 t	Hour	146.80	476.40	123.30	746.50
51	Shovel 0.50 cum 75 hp	Hour	644.00	317.60	128.70	1090.30
52	Shovel 0.85 cum 110 hp	Hour	1097.50	582.30	128.70	1808.50
53	Stationery derrick crane	Hour	62.30	0.00	0.00	62.30
54	Tipper 5 cum	Hour	329.50	200.10	100.20	629.80
55	Tipping tub 1.5 cum	Hour	30.90	0.00	0.00	30.90
56	Tower crane 5 tonne	Hour	663.10	100.10	103.00	866.20
57	Transformer 250 KVA	Hour	3575.00	0.00	0.00	3575.00
58	Truck 10 t	Hour	260.70	200.10	96.30	557.10
59	Truck mounted derrick crane 5 t	Hour	396.20	200.10	96.30	692.60
60	Upright drilling machine/grinder	Hour	16.90	19.20	100.60	136.70
61	Ventilation fan 20 hp	Hour	5.80	77.00	16.70	99.50
62	Vibratory pad foot roller 8 t	Hour	862.30	688.20	154.10	1704.60
63	Wagon drill	Hour	136.90	0.00	154.40	291.30
64	Water tanker 8000 ltr	Hour	260.70	200.10	96.30	557.10
65	Welding set	Hour	12.20	46.20	0.00	58.40
66	Winch 35 hp (electric)	Hour	92.80	94.30	154.40	341.50

ANNEXURE

Copy of

**GOVERNMENT OF ANDHRA PRADESH
ABSTRACT**

Mines and Minerals - Amendments to Rule 10 of the Andhra Pradesh Minor Mineral
Concession Rules, 1966 - Orders - Issued.

INDUSTRIES AND COMMERCE (M.I) DEPARTMENT

G.O.Ms.No.198.

Dated: 13.08.2009

Read the following:

1. G.O.Ms.No.217, Industries & Commerce (M-I) Dept., dated 29-09-2004.
2. From the Director of Mines & Geology, File No.25395/MR/ 2007, Dated: 29.9.2007.
3. G.O.Ms.No.104, Ind. & Com. (M.I) Department, dt.15.5.2009.

ORDER :

The following notification will be published in the Extra-Ordinary issue of the Andhra Pradesh Gazette dated 13.8.2009.

2. This order shall come into force with immediate effect.

NOTIFICATION

In exercise of the powers conferred by sub-section (1) of section 15 of the Mines and Minerals (Development & Regulation) Act, 1957 (Central Act 67 of 1957), the Governor of Andhra Pradesh hereby makes the following amendments to the Andhra Pradesh Minor Mineral Concession Rules, 1966 issued in G.O.Ms.No.1172, Industries and Commerce(M-I) Department, dated 04-09-1967 and subsequently amended from time to time.

AMENDMENTS

In the said rules, Under Rule 10 for Schedules I and II the following shall be substituted, namely :

**"SCHEDULE - I
RATES OF SEIGNIORAGE FEE**

Sl.No.	Name of the Minor Mineral	Unit	Rate of Seigniorage Fee (in Rupees)
1	2	3	4
1	Building Stone	M ³ /MT	Rs.50/33 (Rupees Fifty /Thirty Three)
2	Rough Stone/Boulders	M ³ /MT	Rs. 50/33 (Rupees Fifty /Thirty Three)
3	Road Metal & Ballast	M ³ /MT	Rs. 50/33 (Rupees Fifty /Thirty Three)
3(a)	Dimensional Stone used for Kerbs & Cubes	MT	Rs.88/- (Rupees Eighty Eight)
4	Limekankar / Limestone	MT	The rate of Royalty as applicable to limestone (other than L.D. Grade) in respect of Major Mineral as per the 2nd Schedule of the Mines and Minerals (D&R) Act, 1957.
5	Lime Shell	MT	Rs.88/- (Rupees Eighty Eight)
6	Marble	M ³ /MT	Rs. 165/66 (Rupees One hundred and Sixty Five/Sixty Six)
7	Mosaic Chips	MT	Rs. 44/- (Rupees Forty Four)
8	Muram/Gravel & Ordinary earth	M ³ /MT	Rs. 22/14 (Rupees Twenty Two/ Fourteen)
9	Ordinary sand/Sand manufactured from Boulders useful for Civil construction	M ³	Rs. 40/- (Rupees Forty)
10	Shingle	M ³	Rs. 17/- (Rupees Seventeen)
11	Chalcedony Pebbles	MT	Rs. 33/- (Rupees Thirty Three)
12	Fullers Earth/Bentonite	MT	Rs. 110/- (Rupees One hundred and Ten) and Rs.44/- (Rupees Forty Four)
13	Shale/Slate	MT	Rs. 110/- (Rupees Hundred and Ten)

14	Rehmati	M ³	Rs. 17/- (Rupees Seventeen)
15	Limestone slabs		
a(i)	Colour	-	Rs. 7/- (Rupees Seven) per Sq. Mt. or Rs. 88/- (Rupees Eighty Eight) per MT whichever is higher
(ii)	White	-	Rs. 5/- (Rupees Five) per Sq. Mt. or Rs. 55/- (Rupees Fifty Five) per MT. whichever is higher
(iii)	Black	-	Rs. 4/- (Rupees Four) per Sq. Mt. or Rs. 44/- (Rupees Forty Four) per Mt. whichever is higher
16	Ordinary clay, Silt and Brick Earth used in the manufacture of Bricks including Mangalore tiles	--	Rs. 3850/- (Rupees three thousand eight hundred and fifty only) per kiln per annum for Bricks and Tiles

**17. Granite Useful for Cutting:
(Rates in Cubic Metre)**

	Item	Super Gang Saw above 300 CMX 180 CM. Size	Mini Gang Saw above 270 Cm X 150 Cm. & less than 300 Cm X 180 Cm Size	Below 270 Cm. X 150 Cm. size	Below 75 Cm. Size
(a)	Black Granite Galaxy Variety	Rs. 3300/- (Rupees Three Thousand Three hundred)	Rs. 2625/- (Rupees Two thousand Six hundred and twenty five only)	Rs. 2475/- (Rupees Two thousand Four hundred and Seventy Five only)	Rs. 1100/- (Rupees One thousand One hundred only)
(b)	Black Granite other than Galaxy Variety	Rs. 2475/- (Rupees Two thousand Four hundred and Seventy Five only)	Rs. 2000/- (Rupees Two thousand only)	Rs. 1,925/- (Rupees One thousand Nine hundred and Twenty Five only)	Rs. 825/- (Rupees Eight hundred and Twenty Five only)
(c)	Colour Granite Srikakulam Blue, Indian aurora of Nizamabad Dist., Leptinites of Coastal Dists., Black pearl of Praksam and Guntur Dists.	Rs. 2475/- (Rupees Two thousand Four hundred and Seventy Five only)	Rs. 2000/- (Rupees Two thousand only)	Rs. 1925/- (Rupees One thousand Nine hundred and Twenty Five only)	Rs. 825/- (Rupees Eight hundred and Twenty Five only)
(d)	Colour Granite of other varieties	Rs. 1,925/- (Rupees One thousand Nine hundred and Twenty Five only)	Rs. 1625/- (Rupees One thousand Six hundred and Twenty five only)	Rs. 1650/- (Rupees One thousand Six hundred Fifty only)	Rs. 825/- (Rupees Eight hundred and Twenty Five only)

Note: In respect of Black Galaxy Granite, incentive of Rs. 250/- (Rupees Two Hundred and fifty only) per cubic metre is allowed for the blocks above 75 cms provided they are procured from the granite industry located within State/Country.

SCHEDULE –II
RATE OF DEAD RENT
(PER HECTARE PER ANNUM)

Sl. No.	Name of the Minor Mineral	Rate of Dead Rent per hectare per Annum
01	Black Granite	Rs.55,000/- (Rupees fifty five thousand only)
02	Colour Granite	Rs.44,000/- (Rupees forty four thousand only)
03	Limestone other than classified as Major Minerals used for Lime burning for building construction purposes, Marble, Boulders, Building Stone Including Stone used for Road Metal, Ballast Concrete and other Construction purposes, Shale, Slate and Phyllites, Mosaic Chips, Fuller's Earth/Bentonite & Dimensional Stones used for cubes & kerbs,	Rs.27,500/- (Rupees twenty seven thousand and five hundred only)
04	Gravel, Morrum, Shingle, Limestone Slabs used for Flooring purposes Limekankar, Chalcedony pebbles used in the building purposes Limeshell for burning used for building purposes and Rehmatti.	Rs.16,500/- (Rupees sixteen thousand and five hundred only)

NOTE:-1) The above rates are liable to be revised and amended from time to time by the State Government by notification in the Andhra Pradesh Gazette.

2) In case of revision, the revised rates as fixed by Mines and Geology Department have to be adopted.