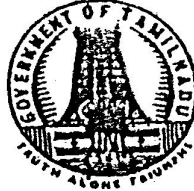


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STANDARD SCHEDULE OF RATES

[FOR BASIC ITEMS ONLY]

2010-2011



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**STANDARD SCHEDULE OF RATES
[FOR BASIC ITEMS ONLY]**

2010-2011

[WITH EFFECT FROM 01.04.2010]

PUBLIC WORKS DEPARTMENT

From

To

Er. S.Karunagaran, B.E., FIV., FIE.,
Chief Engineer (Buildings),
Public Works Department,
Chepauk, Chennai-5.

All the Superintending Engineers,
Building Organisation
(Including Electrical Circles)
Public Works Department.

Letter No. HDO (A) / 5502 / 2009, dated 07.04.2010

Sir,

Sub: Public Works Department - Schedule of Rates for the year 2010-2011 - Approved for adoption in the estimates with effect from 01.04.2010 - Communicated - Regarding.

Ref: 1. Engineer-In-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / Sr. DO / 64500 / 2010, dated 06.04.2010.
2. Engineer-In-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / 31257 / 2009-1, dated 06.04.2010.
3. Engineer-In-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / 31257 / 2010-2, dated 06.04.2010.

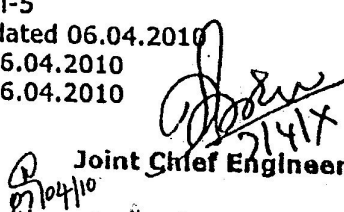
The Schedule of Rates for the year 2010-2011 including "Rates of Other Construction Materials" and "Rates of Electrical Items of Works", as now included afresh, Cost of Cement and Cost of Steel approved by the Schedule of Rates Committee for adoption in the estimates with effect from 01.04.2010 are herewith communicated to all Superintending Engineers of Building Organisation for adoption in the estimates prepared on (or) after 01.04.2010.

The Superintending Engineers are requested to take copies of the same and communicate them to their subordinates for effective preparation of estimates accordingly.

The receipt of schedule of rates, 2010-2011 together with proceedings cited may be acknowledged.

Encl.:

1. Schedule of Rates for the year 2010-2011
2. Copy of EIC, WRO & CE (GL), PWD., Chennai-5
 - a. Proc. No. HDO / Sr. DO / 64500 / 2010, dated 06.04.2010
 - b. Proc. No. HDO / 31257 / 2009-1, dated 06.04.2010
 - c. Proc. No. HDO / 31257 / 2010-2, dated 06.04.2010


Joint Chief Engineer (Buildings)

Copy to the Chief Engineer (Buildings)'s table (with enclosures).

Copy to the Joint Chief Engineer (Buildings)'s table (with enclosures).

Copy to the Deputy Chief Engineer (Buildings) & Deputy Chief Engineer (Electrical), O/o. the Chief Engineer (Buildings), PWD., Chepauk, Chennai-5 (with enclosures).

Copy to the HDO-I and HDO-II O/o. the Chief Engineer (Buildings), PWD., Chepauk, Chennai-5 (with enclosures).

Copy to all the Assistant Executive Engineers of O/o. the Chief Engineer (Buildings), PWD., Chepauk, Chennai-5 (with enclosures) for necessary action.



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES DEPARTMENT**

**Proceeding of the Engineer-in-Chief, WRD and
Chief Engineer (General) PWD, Chepauk, Chennai - 600 005.**

Present:

**Er S.Jeyaraman, B.E., F.I.E, F.I.V.,
Engineer-in-Chief, WRD and Chief Engineer (General) PWD,**

Proceedings No. HDO /Sr.DO/ 64500/ 10 Dated 06.04.2010

**Sub: Public Works Department - Schedule of Rates for the year:
2010-2011 - approved for adoption with effect from:
01.04.2010 - Communicated - Regarding.**

**Ref: This office proceedings No. HDO / 25440 / 2009 Dt
21.05.09**

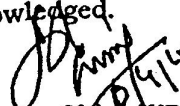
The Schedule of Rates for the year 2010-2011 approved by the "Committee constituted for the finalisation of Schedule of Rates" is herewith communicated to the Superintending Engineers of Water Resources Department Circles for adoption with effect from 01.04.2010 (booklet containing the General Note and Annexure - I to VII in 84 Pages).

2. The Superintending Engineers of Water Resources Department Circles are requested to prepare required number of Schedule of Rates for the year 2010-2011 pertaining to the districts under their jurisdiction and arrange to supply the same to all officers of WRD and Building Organisation PWD upto the level of section officers for adoption in preparation of estimates and the respective District Collectors.

3. Regarding the general suggestions for certain additions and deletions made by the Superintending Engineers, the Committee felt that such suggestion should accompany a specific and detailed report explaining the advantage, technical necessity, financial implications etc., with reference to local condition and sent through the respective Chief Engineers for the consideration of the schedule of Rate Committee.

4. The receipt of this proceeding shall be acknowledged.

Encl: 1 booklet


Engineer-in-Chief, WRO and
Chief Engineer (General), PWD.

14
6/4/10



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES DEPARTMENT**

**Proceeding of the Engineer-in-Chief, WRD and
Chief Engineer (General) PWD, Chopauk, Chennai - 600 005.**

Present:

**Er S.Jeyaraman, B.E., F.I.E, F.I.V.,
Engineer-in-Chief, WRD and Chief Engineer (General) PWD,**

Proceedings No. HDO / 31257 / 2009-1 Dated 06.04.2010

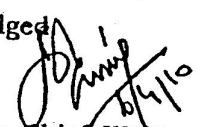
**Sub: Cement - Revised Rate for cement for adoption in estimates -
with effect from 01.04.2010 - Approved - Communicated.**

**Ref: This office proceedings No. HDO / 31257 / 2009-1 dt.
21.05.09**

The cost of Ordinary Portland Cement (OPC) fixed and communicated already in this office proceedings cited is hereby revised and fixed as **Rs.4,700/- (Rupees Four Thousand seven Hundred only) per 1.M.T.** for adoption in the estimates with effect from 01.04.2010.

The above rate is inclusive of all taxes, freight charges upto dealer's godown, loading and unloading charges. Necessary lead charges (i.e. excluding loading and unloading charges) as applicable as per conveyance table may be allowed from the dealer's godown to the site of work, if duly certified by an officer not below the rank of Assistant Executive Engineer.

The receipt of this proceeding shall be acknowledged


Engineer-in-Chief, WRD and
Chief Engineer (General), PWD.

To

1. All the Chief Engineers of WRD, PWD. 
2. The Chief Engineer (Buildings) PWD, Chennai.5.
3. The Chief Engineer, WRD, PWD, D R & C S, Chennai.5
4. The Chief Engineer (General) Highways Department, Chennai.5.



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES DEPARTMENT**

**Proceeding of the Engineer-in-Chief, WRD and Chief Engineer (General)
PWD, Chepauk, Chennai - 600 005.**

Present:

**Er S.Jeyaraman, B.E., F.I.E, F.I.V.,
Engineer-in-Chief, WRD and Chief Engineer (General) PWD,**

Proceedings No. HDO / Sr.DO/31257/ 2010-2 Dated 06.04.2010 :

**Sub: Steel - Revised rate for steel for adoption in estimates
with effect from 01.04.2010 - Approved - Communicated.**

**Ref: This office proceeding No. HDO / 31257/ 2009-2 Dated
21.05.2009**

The cost of steel fixed and communicated already in this office
proceedings cited is hereby revised and fixed as below for adoption in the
estimates with effect from 01.04.2010.

Steel Rods of all sizes

Rs. 36000/- per M.T

**(Rupees thirty six thousand
only)**

2. The above rate is inclusive of all taxes, freight charges at Stockyard /
dealer's godown. Necessary lead charges (i.e. excluding loading and unloading
charges) as applicable as per conveyance table may be allowed from the
stockyard / dealer's godown to the site of work, if duly certified by an officer not
below the rank of Assistant Executive Engineer.

3. However, in the case, if the source is specified as "Stockyard", the
same shall be decided and approved by the Superintending Engineers
concerned.

4. The receipt of this proceeding shall be acknowledged.

**Engineer-in-Chief, WRD and
Chief Engineer (General), PWD.**

To

1. All the Chief Engineers of WRD, PWD. *6/4/10*
2. The Chief Engineer (Buildings) PWD, Chennai.5.

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GENERAL NOTE

1. For special nature of works, for which rates are not covered in the Schedule of Rates, such as road works, water supply, drainage, etc., separate schedule of rates issued by the respective officers / department / board are to be followed.
2. Extra percentage other than those for the specified areas noted below, shall not be allowed.

1. For the Entire State

- (i) An extra 10% on Labour, Rates of work where human labour alone is involved and for Head load shall be allowed for the works in respect of **Municipal Corporations** viz. (I) Chennai City and 32 Km belt around Chennai City limit (II) Coimbatore Corporation limit (III) Trichy Corporation limit, (IV) Madurai Corporation limit, (V) Salem Corporation limit, (VI) Tirunelveli Corporation limit, (VII) Tiruppur Corporation limit, (VIII) Erode Corporation limit, (IX) Thoothukudi Corporation limit and (X) Vellore Corporation limit.
- (ii) An extra 5% for Labour, Rates of work where human labour alone is involved and for Head load shall be allowed for the works in the **Municipal limits**. This extra percentage shall be applicable only for the municipal areas where different extra percentages allowed already.
- (iii) An extra 10% for Rates of labour and Rates of work where human labour alone is involved shall be allowed for **sewer works under unhygienic condition**.
- (iv) An extra 20% over the rates of labour, Rates of work where human labour alone is involved and conveyance charges shall be allowed for works in the campus of central jails.

- (v) An extra 10% over the rates of labour, Rates of work where human labour alone is involved and conveyance charges shall be allowed for works in the campus of sub-jails.
- (vi) An extra 20% over rates of labour, rates of materials, rates of work, conveyance charges and head load shall be allowed for works in Reserve forest areas.
- (vii) An extra 10% over the rates of labour, rates of materials, rates of works, conveyance charges within the specified area and head load shall be allowed for the works in Kanyakumari District within the belt area of 10 KM stretch from Kerala border.

2. HILLY AREA (Specific Provision shall be included in the schedule of rates of concerned District)

As the transport facilities in most of the Hilly Areas are now considerably improved and as there is no necessity for allowing extra percentage as hitherto followed, the Hilly Areas are now grouped as detailed hereunder and the extra percentage allowable has been finalised and fixed.

The conveyance table approved and furnished in the schedule of rates under the head V. Conveyance Table, b. Conveyance of materials by road on hills shall be adopted for all works in hills.

1). For works in Nilgiris, Coimbatore and Erode Districts:

- For works in Nilgiris District an extra 40% on the rates of labour, rates of work, head load and an extra 25% on the rates of materials shall be allowed.
- For works in Valparai Area an extra 40% on the rates of labour, rates of work, head load and an extra 25% on the rates of materials (which are quarried / manufactured locally) shall be allowed.

- For works in Mudumalai Sanctuary Area, Shandy Nallah Sheep Farm, Dansandle areas, an extra 40% over rates of labour, rates of work and head load and an extra 25% on the rates of materials shall be allowed.
- For works in Gudiyalathur, Siruvani, Thavalamalai, Talavadi Hills, Bargur Hills, Anamalai, Chennimalai and Sivanmalai Hills an extra 20% over rates of labour, rates of materials, rates of work and head load shall be allowed.

ii). For works in Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts: Hills in Western Ghats an extra 20% over rates of labour, rates of materials, rates of work and head load shall be allowed.

iii). For works in Dindigul, Madurai and Theni districts: For Sirumalai Hills, Pachai Kamatchi Hills, Palani Hills, Thirupparankundram Hills, Idumban Hills, Megamalai Panchayat and Thummakundu Panchayat, an extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed.

a. For works in Kodalkanal: An extra 40% over rates of labour, rates of materials, rates of work and head load shall be allowed.

b. For works at Periyar Dam Site and Thekkady:

- Add 60% extra over the basic cost of materials to be supplied for Periyar Dam Site subject to the condition that there shall not be any extra on conveyance, tollgate fee, Interstate allowance, etc. The conveyance charge as applicable for Ghat Road, Cart Track, etc., as per schedule of rates is only applicable.
- Add 25% extra over the basic cost of materials to be supplied at Thekkady, subject to the condition that there shall not be any extra on conveyance, tollgate fee, interstate allowance, etc. The conveyance charge as applicable for Ghat Road, Cart Track, etc., as per schedule of rates is only applicable.

- Add 100% extra over the basic rates of labour for works in Periyar Dam Site under normal condition.
- Add 150% extra over the basic rates of labour for works in Periyar Dam Site under hanging condition.
- Add 50% extra over the basic rates of labour for works in Thekkady.

iv). For works in Salem and Namakkal Districts: An extra 25% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Yercaud Hills and Yercaud sub Taluk, Boothamalal, Aranuthumalai, Jarugumalai and Thiruchengode Hills.

An extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Kalrayan Hills, Pachamalal Hills and Kolli Hills.

v). For works in Tiruvannamalai and Vellore Districts: An extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Nalckerner Hills.

vi). For works in Sivaganga District: An extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Piranmalai covering Oduvarpatti, Kattugudi Patti, Ponnadaipattu, V. Pudur Village, Mamalai covering Vannar Irruppu, Nagamangalam Villages, Usllamalai covering Poolankurichi Village, Hillocks at Musundapatti, Usilam, Ammapatti and Thuthampatti.

vii). For works in Dharmapuri District: An extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Chitteri Hills, Sittilling in Kalrayan Hills.

- vii). For works in Cuddalore and Villupuram Districts: An extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Kalrayan Hills.
- ix). For works in Trichy, Pudukottai, Karur and Perambalur Districts:
An extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed for works in Pachamalai Hills.
- x). For works in Kanyakumari District: An extra 10% over rates of labour, rates of materials, rates of work and head load shall be allowed for works within the belt area of 10 KM stretch from Kerala border.

3. ISLANDS:

(a). For works in Rameswaram Island:

An extra 25% over rates of labour, and head load shall be allowed.

(b). For works in Other Islands:

i. Ramanathapuram District

An extra 125% over rates of labour, rates of materials, rates of work, conveyance charges and head load shall be allowed for (1) Upputhannle Island, (2) Puleevlalthalli Island, (3) Aalalppar Island, (4) Valimunal Island, (5) Appa Island, (6) Thalalyar Island, (7) Valai Island, (8) Mullai Island, (9) Manoli Island, (10) Minoliputti Island, (11) Nadu Island (12) Nallathannle Island, (13) Pullivasal Island (14) Poomarichan Island, (15) Muyal Island, (16) Singala Island and (17) Kurusedar Island.

ii. Thoothukudi District:

An extra 125% over rates of labour, rates of materials, rates of work, conveyance charges and head load shall be allowed for Van, Kasuvar, Karaichalli Island and Vilankuchali Islands.

4. TUNNELS:

An extra 15% over rates of labour, rates of work where human labour alone is involved shall be allowed for works inside Tunnels.

5. DAM SITES UNDER HANGING CONDITION:

An extra 75% over and above the rates of labour employed for the items of works, which may have to be executed by hanging from the top of Dam through slings (or) rope ladders to work in dizzy height. (This will apply only for Maintenance and Repair works).

6. GENERAL FOOT NOTE:

- (i) The rates of labour means the labour rates fixed under the head, rates of labour.
- (ii) Rates of works includes the labour for earthwork, refilling foundation, dismantling, jungle clearance, head load, etc., also where human labour alone is involved.
- (iii) The Percentage Increase provided for the materials are applicable only for the materials which are quarried or manufactured locally in the specified area.
- (iv) The percentage increase provided for rates of works are allowable only on the items where human labour alone is involved.
- (v) The percentage increase provided for Conveyance Charges are allowable for the distance covered in the specified area / Special Tract only.
- (vi) The extra percentage allowable as specified above shall not be allowed for the materials / works covered under Annexure-VI "Rates of Other Construction Materials" and Annexure-VII "Rates of Electrical Items of Works", which were included from the year 2010-2011 afresh. Similarly, no conveyance charges shall be allowed for the items covered under these two categories. The rates approved therein are applicable at site of work.

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(vii) While adopting source of any materials inside the special tracts viz., Corporation limits, Municipal Limits, Reserve Forest Areas, Hilly Areas, Islands, Dam Sites etc., where extra percentage allowable for the materials which are quarried or manufactured locally, it is the duty of the officer in charge (not less than the rank of Assistant Executive Engineer), to analyse and confirm whether the finished cost of such materials / works are higher if the materials are conveyed and brought to the site from the areas outside the specified area, where such extra percentage are not permissible.

(viii) The necessity of relevant footnotes in respect of the districts covered under their region other than the general notes furnished above, if any, may be analysed and recommendations sent to the Engineer-in-Chief, WRO and Chief Engineer (General), PWD for consideration and approval.


Engineer-in-Chief, WRO &
Chief Engineer (General),
PWD., Chennai-5.

by
6/4/10

Area	Revised percentage extra allowable on				
	Labour	Material	Rate of work where human labour involved	Conveyance	Head load
For works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam Mettu, Sirumalai, Pachal Kamatchi Hills, Palani Hills, Thiruparankundram Hills, Irdumban Hills, Megamalai Panchayat and Thummakundu Panchayat	50%	50%	50%	-	50%
For works at Kodalkanal	40%	40%	40%	-	40%
In Salem and Namakkal Districts					
For works at Yercaud Hills, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Sarugumalai and Tiruchengodu Hills	25%	25%	25%	-	25%
For works at Kalrayan Hills, Pachamalai Hills, Kollu Hills	50%	50%	50%	-	50%
In Tiruvannamalai and Vellore Districts					
For works at Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Nalckenneri Hills	50%	50%	50%	-	50%
VI In Sivagangai District					
For works at Piranmalai covering Oduvarpatti, Kattugudipatti, Pannadalpattu, V.Pudur Villages, Mamalai covering Vannar Iruppu, Nagamangalam Villages, Usilamalai covering Poolankurichi Village, Hilllocks at Musundapatti, Usilam, Ammapatty and Thuthampatti	50%	50%	50%	-	50%
VI In Dharmapuri District					
For works at Chitheri Hills, Sittiling in Kalrayan Hills	50%	50%	50%	-	50%
VII In Cuddalore and Villupuram Districts					
For works at Kalrayan Hills	50%	50%	50%	-	50%
VIII In Trichy, Pudukottai, Karur and Perambalur Districts					
For works at Pachamalai Hills	50%	50%	50%	-	50%
IX In Kanyakumari District					
For works within the belt area of 10KM stretch from Kerala border	10%	10%	10%	10%	10%

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2010-2011**

Area	Revised percentage extra allowable on				
	Labour	Material	Rate of work where human labour involved	Conveyance	Head load
1 Corporation Limits of					
i Chennai and belt area of 32 KM around Chennai Corporation	10%	-	10%	-	10%
ii Coimbatore, Trichy, Madurai, Salem, Tirunelveli, Tiruppur, Erode, Thoothukudi and Vellore Corporations	10%	-	10%	-	10%
iii All Municipal Limits	5%	-	5%	-	5%
iv Sewer Works under unhygienic condition	10%	-	10%	-	-
v Central Jail Campus	20%	-	20%	20%	-
vi Sub-Jail Campus	10%	-	10%	10%	-
vii Reserve Forest Areas	20%	20%	20%	20%	20%
2 Hills					
I In Nilgiris District	40%	25%	40%	-	40%
a For works at Mudumalai Sanctuary, Shandy Nalla Sheep Form, Dansandle Area (On Coimbatore District Rates)	40%	25%	40%	-	40%
b For works at Valparai (On Coimbatore District Rates)	40%	25%	40%	-	40%
c For works at Gudiyalathur, Siruvani, Thavalamalai Hills, Thalavadi Hills, Bargur Hills, Anamalai, Chennai Malai and Sivanmalai Hills (On Coimbatore District Rates)	20%	20%	20%	-	20%
II In Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts					
i For works at Western Ghats	20%	20%	20%	-	20%
III In Madurai, Theni and Dindigul Districts					
i For works at Thekkady	50%	25%	-	-	-
ii For works at Periyar Dam Site	-	60%	-	-	-
iii For works at Periyar Dam Site under normal condition	100%	-	-	-	-
iv For works at Periyar Dam Site under hanging condition	150%	-	-	-	-

Area	Revised percentage extra allowable on				
	Labour	Material	Rate of work where human labour involved	Conveyance	Head load
3 Islands					
a In Ramanathapuram District					
i For works at Rameswaram Island	25%	-	25%	-	25%
ii For works in other Islands, viz. Upputhannie, Puleevilaichalli, Alalappar, Valimunal, Appa, Thalaiyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Muzal, Singala, Kuruseedar Islands	125%	125%	125%	125%	125%
b In Thoothukudi District					
i Van, Kasvar, Karaichalli and Villankurichi Islands	125%	125%	125%	125%	125%
4 Tunnels					
i Where human labour alone is involved	15%	-	15%	-	-
5 Dam sites under hanging condition					
i For works at dam sites which may be executed by hanging from top of dam through slings or rope ladders to work in dizzy height	75%	-	75%	-	-

ANNEXURE-I

RATES OF LABOUR

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
1	2	Axe Mazdoor	Day	115.00
2	4	Blacksmith - I Class	Day	151.00
3	4A	Blacksmith - II Class	Day	139.00
4	5	Boat Mazdoor	Day	127.00
5	8	Bullocks pair with driver (with bandy)	Day	224.00
6	8A	Bullocks single with driver (with bandy)	Day	163.00
7	11	Carpenter - I Class	Day	190.00
8	12	Carpenter - II Class	Day	175.00
9	13	Caulker	Day	127.00
10	15	Cleaner - First Grade	Day	103.00
11	15A	Cleaner - Second Grade	Day	96.00
12	18	Ferry Mazdoor	Day	127.00
13	19	Fitter - I Class	Day	172.00
14	19A	Fitter - II Class	Day	160.00
15	20	Fitter (Pipe Laying / Bar bending) I Class	Day	169.00
16	20A	Fitter (Pipe Laying / Bar bending) II Class	Day	157.00
17	21	Floor Polisher	Day	151.00
18	22	Gardener	Day	115.00
19	25	Hammer Mazdoor	Day	121.00
20	26	Head Mazdoor for Well Sinking	Day	127.00
21	27	Driver (Light Duty)	Day	151.00
22	27A	Driver (Heavy Duty)	Day	160.00
23	28	Jumper Mazdoor	Day	115.00
24	36	Maistry, Road Inspector & Work Inspector	Day	145.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
25	36A	Malstry, Road Inspector & Work Inspector (Degree Holder)	Day	160.00
26	37	Mason for Brick Work - I Class	Day	195.00
27	37A	Mason for Brick Work - II Class	Day	175.00
28	38	Mason for Stone Work - I Class	Day	195.00
29	38A	Mason for Stone Work - II Class	Day	175.00
30	39A	Mazdoor - I Class	Day	123.00
31	39B	Mazdoor - II Class	Day	111.00
32	39C	Head Mazdoor	Day	127.00
33	40	Mechanic - I Class	Day	151.00
34	40A	Mechanic - II Class	Day	139.00
35	42	Mopla - I Class	Day	150.00
36	42A	Mopla - II Class	Day	139.00
37	43	Navagonies or Javall Man - I Class	Day	127.00
38	44	Painter / Varnisher - I Class	Day	157.00
39	44A	Painter / Varnisher - II Class	Day	145.00
40	46	Pile Driver	Day	139.00
41	47	Plumber - I Class	Day	169.00
42	47A	Plumber - II Class	Day	157.00
43	48	Pump Driver	Day	127.00
44	52	Sawyer	Day	139.00
45	54	Smith - I Class	Day	150.00
46	54A	Smith - II Class	Day	139.00
47	55	Sprayer Mazdoor (for bitumen, tar etc.,)	Day	115.00
48	56	Stone Cutter - I Class	Day	150.00
49	56A	Stone Cutter - II Class	Day	139.00
50	58	Syrang - I Class	Day	150.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
51	58A	Syrang - II Class	Day	139.00
52	60	Thatcher	Day	121.00
53	62	Tinker - I Class	Day	121.00
54	62A	Tinker - II Class	Day	115.00
55	63	Turner - I Class	Day	139.00
56	63A	Turner - II Class	Day	127.00
57	64	Time Keeper - I Class	Day	150.00
58	64A	Time Keeper - II Class	Day	139.00
59	67	Welder / Bracer - I Class	Day	150.00
60	67A	Welder / Bracer - II Class	Day	139.00
61	68	Well Diver for removing silt-I Class	Day	150.00
62	68A	Well Diver for removing silt-II Class	Day	139.00
63	69	Well Sinker - I Class	Day	169.00
64	69A	Well Sinker - II Class	Day	157.00
65	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	175.00
66	72	Wodder	Day	127.00
		Technical Assistant		
67	76A	Technical Assistant-Grade-I (B.E. Passed)	Day	250.00
68	76B	Technical Assistant-Grade-II (Diploma In Engineering Passed / B.E. Failed / Degree In Geology for Ground water works)	Day	224.00
69	76C	Technical Assistant-Grade-III (Diploma in Engineering Failed / I.T.I (civil) Passed	Day	190.00
70	76D	Cinema Operator (I.T.I. Passed)	Day	157.00
71	76E	B.Sc., (Agriculture) Passed	Day	224.00
72	77A	Laboratory Assistant-Grade-I (Post Graduate In Science)	Day	190.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
		Electrical Workers		
91	100	Wireman Grade-I / Electrician Grade-I	Day	170.00
92	101	Wireman Grade-II / Electrician Grade-II	Day	160.00
93	102	Electrical Helper	Day	121.00
94	103	Lift Operator	Day	145.00
95	104	Laboratory Attendant	Day	108.00
96	105	Sound Service Operator	Day	121.00
97	106	Electrical Maistry	Day	185.00


 Engineer-in-Chief, WRO &
 Chief Engineer (General),
 PWD., Chennai-5.


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ANNEXURE-II

RATES OF MATERIAL

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
	A	BRICKS AND TILE PRODUCTS		
	1	Second Class Table Moulded Chamber Burnt Bricks		
1	a	9" x 4 1/2" x 3"	1000 Nos.	3170.00
2	b	9" x 4 3/8" x 2 3/4"	1000 Nos.	3085.00
	2	Second Class Ground Moulded Chamber Burnt Bricks		
3	a	9" x 4 1/2" x 3"	1000 Nos.	2760.00
4	b	9" x 4 3/8" x 2 3/4"	1000 Nos.	2685.00
	3	Third Class Country Brick Kiln Burnt		
5	a	8 3/4" x 4 1/4" x 2 3/4"	1000 Nos.	2330.00
6	b	8 3/4" x 4 1/4" x 2 1/4"	1000 Nos.	1830.00
7	c	8 3/4" x 4 1/4" x 2"	1000 Nos.	1755.00
	3A	Fly Ash Bricks		
8	a	230 x 110 x 70mm	1000 Nos.	2480.00
	4	Specially moulded country brick for well stening		
9	a	8 3/4" x 4 1/4" x 2"	1000 Nos.	1035.00
10	b	Perforated bricks 19 x 9 x 9cm	1000 Nos.	1790.00
11	c	Terrace bricks 15 x 7.5 x 2.5cm	1000 Nos.	460.00
	8	Flat Tiles		
12	a	15cm x 15cm x 12mm	1000 Nos.	515.00
13	b	15cm x 15cm x 20mm	1000 Nos.	610.00
	10	Brick Jelly		
14	a	40mm size	cu.m.	308.00
15	b	20mm size	cu.m.	335.00
	11	Pressed Tiles		
16	a	20 x 20 x 2cm	1000 Nos.	6000.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
17	b	23 x 23 x 2cm	1000 Nos.	8500.00
	12	Pan Tiles		
18	a	23cm x 8cm x 1.7cm	1000 Nos.	270.00
19	b	16.5cm x 8cm x 1.7cm	1000 Nos.	223.00
	13	Best Mangalore Tiles		
20	a	I Class 'A'	1000 Nos.	6415.00
21	b	Class 'AA'	1000 Nos.	6540.00
22	c	Best Mangalore Ridge Tiles	1000 Nos.	18735.00
23	d	Best Mangalore Ceiling Tiles	1000 Nos.	3945.00
24	e	Best Mangalore Glass Roofing Tiles	Each	187.00
25	f	Best Mangalore Ventilating Tiles (Single)	Each	29.00
26	g	Best Mangalore Ventilating Tiles (Double)	Each	36.00
	23A	Mosaic Flooring Tiles (Grey)		
27	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	8650.00
28	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	5510.00
	23C	Mosaic (other Colour)		
29	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	11895.00
30	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	7030.00
31	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	8650.00
32	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	13525.00
33	24	Mosaic Chequered tile Grey colour size 25 x 25 x 2cm	1000 Nos.	10815.00
	B	STONE AND ROAD MATERIALS		
34	27	Rough stone for masonry works (Hard Granite)	cu.m.	262.00
35	28	Rough stone for revetment works	cu.m.	228.00
36	29	Jeddy size for Revetment (Hard Granite)	cu.m.	251.00
37	29a	Cut stone pillar of size 0.15 x 0.15 x 2.1m	Each	99.00
38	30	From boulders without blasting for revetment	cu.m.	68.00
39	30a	From boulders without blasting for masonry	cu.m.	89.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
40	32	Course Rubble stone for masonry works	cu.m.	210.00
41	33	Course Rubble stone for Arch works	cu.m.	228.00
42	33 (A) I	Chisel dressed stone 70cm x 30cm x 29cm	Each	105.00
43	II	Chisel dressed stone 37cm x 30cm x 29cm	Each	95.00
44	(B)	Hammer dressed stone 37cm x 30cm x 29cm	Each	73.00
45	34	Cutstone fully dressed to size on all faces	cu.m.	3728.00
46	35	Cut stone Roughly dressed	cu.m.	2580.00
47	36	Ashlar arch stone fully dressed to size all faces	cu.m.	2840.00
48	38	Flooring stone SS Size (Not less than 10cm thick)	cu.m.	210.00
49	39 a	Stone slab for culvert (3 faces one line dressed) Above 1.2m	cu.m.	2710.00
50	b	Stone slab for culvert (3 faces one line dressed) Upto 1.2m	cu.m.	2460.00
51	40	Stone slab for culvert (3 faces two line dressed)	cu.m.	3020.00
52	41	For Lintel coping (3 faces two line dressed)	cu.m.	3020.00
53	42	Bond Stones	cu.m.	360.00
54	43 a	Kilometre stone 1.65 x 0.45 x 0.15m	Each	260.00
55	44 a	Hecta metre stone 0.9x0.1x0.1m	Each	73.00
56	b	Hecta metre stone 0.75x0.23x0.1m	Each	135.00
57	c	Hecta metre stone 0.9x0.15x0.15m	Each	130.00
58	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	63.00
59	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	65.00
60	c	Demarcation Stone (two line dressed for top 30 cm) 76 x 23 x 23 cm	Each	42.00
61	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	52.00
62	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	73.00
63	f	Edge Stone 45 x 15 x 15 cm	Each	34.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
64	g(i)	T.R.S. Bench mark, stone the exposed surface neatly dressed to a height of 15cm including cutting letters 15 x 15 x 60cm	Each	84.00
65	g(ii)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 10 x 10 x 25cm	Each	61.00
66	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	97.00
67	b	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 1.20m long. Two line dressed top 45cm) 23cm dia 1.0m long	Each	103.00
68	c	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	97.00
69	d	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.15 x 0.15 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	68.00
70	e	Guard Stone 23 cm dia 0.90cm long	Each	50.00
	48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
71	I	HBGS Jelly 90 mm size	cu.m.	240.00
72	II	HBGS Jelly 80 mm size	cu.m.	270.00
73	III	HBGS Jelly 63 mm size	cu.m.	310.00
74	IV	HBGS Jelly 50 mm size	cu.m.	360.00
75	V	HBGS Jelly 40 mm size	cu.m.	560.00
76	VI	HBGS Jelly 25 mm size	cu.m.	480.00
77	VII	HBGS Jelly 20 mm size	cu.m.	780.00
78	VIII	HBGS Jelly 12 mm size	cu.m.	720.00
79	IX	HBGS Jelly 10 mm size	cu.m.	530.00
80	X	HBGS Jelly 6 mm size	cu.m.	360.00
81	xi	HBGS Jelly 3 mm size	cu.m.	325.00
	49 A	Broken Stone from surface stone & boulders		
82	I	Broken Stone from surface stone & boulders 40mm size	cu.m.	45.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
83	ii	Broken Stone from surface stone & boulders 50mm size	cu.m.	40.00
84	iii	Broken Stone from surface stone & boulders 60mm size	cu.m.	35.00
85	iv	Broken Stone from surface stone & boulders 75mm size	cu.m.	31.00
	49 b	Quartz metal		
86	I	Quartz metal 50 mm	cu.m.	58.00
87	ii	Quartz metal 40 mm	cu.m.	59.00
	51	Soft Broken Stone		
88	i	Soft Broken Stone 63mm size	cu.m.	45.00
89	ii	Soft Broken Stone 40mm size	cu.m.	50.00
90	52	Laterite 40 to 75mm size	cu.m.	58.00
91	53	Kankar 40 to 75mm size	cu.m.	58.00
92	54	Soling stones unblasted 15cm cube	cu.m.	68.00
93	54a	Soling stones blasted 15cm cube	cu.m.	110.00
94	57	Gravel	cu.m.	97.00
95	57A	Well Gravel	cu.m.	86.00
96	57B	Screened Kankar Gravel	cu.m.	63.00
97	58	Quarry Rubbish	cu.m.	58.00
98	58A	Stone Dust	cu.m.	73.00
99	58B	Pond Ash (wet / dry)	cu.m.	57.00
100	59	Sand for Mortar	cu.m.	110.00
101	60	Sand for Filling	cu.m.	110.00
102	62	Clay for Puddle & Masonry	cu.m.	23.00
103	63 (I)	Cuddapah Slab 50mm Thick	sq.m.	270.00
104	ii	Cuddapah Slab 38 / 40mm Thick	sq.m.	260.00
105	iii	Cuddapah Slab 20 / 30mm Thick	sq.m.	240.00
	C	LIME		
106	66	Shell lime (Slaked & Screened)	cu.m.	890.00
107	67	Freshly Slaked & Screened Burnt Lime Stone	cu.m.	655.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
108	68	Stone Lime or Lime Metal	cu.m.	59.00
		D.Timber and Roofing Materials		
109	71	TW Scantlings (over 3m for jolst and rafters) - Malabar	cu.m.	76950.00
110	72	TW Scantlings (for Tie beams and principal rafters) - Malabar	cu.m.	75500.00
111	73	TW Scantlings (over 2m & below 3m in length) - Malabar	cu.m.	73500.00
112	74	TW Scantling (below 2m in length) - Malabar	cu.m.	65400.00
113	75 (I)	TW Planks (Over 45cm wide & 12mm Thick)	cu.m.	81000.00
114	II	TW Planks (30 - 45cm wide & 12mm Thick)	cu.m.	75200.00
115	III	TW Planks (30 - 45cm wide & 12 - 25mm Thick)	cu.m.	70400.00
116	IV	TW Planks (30 - 45cm wide & 25 - 40mm Thick)	cu.m.	67600.00
117	V	TW Planks (15 - 30cm wide & 12mm Thick)	cu.m.	65800.00
118	VI	TW Scantling (15 - 30cm wide & 12-25mm Thick)	cu.m.	62500.00
119	VII	TW Planks (15 - 30cm wide & 25- 40mm Thick)	cu.m.	61300.00
120	VIII	TW Planks (Upto 15cm wide & 12mm Thick)	cu.m.	60150.00
121	IX	TW Planks (Upto 15cm wide & 12-25mm Thick)	cu.m.	60150.00
122	XIII	TW Planks (Upto 15cm wide & 25-40mm Thick)	cu.m.	56800.00
	76	Teak wood Reepers		
123	I	TW Reepers 50 x 25mm	RM	51.00
124	II	TW Reepers 50 x 12mm	RM	41.00
	77	Country Wood Scantling		
125	I	CW Scantling (upto 4m in length)	cu.m.	22680.00
126	II	CW Scantling (over 4m in length)	cu.m.	23835.00
127	77A	CW Scantling (for tie beams & Principal rafters for trusses)	cu.m.	23835.00
128	77B	Jack wood Scantlings (upto 4 m)	cu.m.	24990.00
129	77D	Silver oak Scantlings	cu.m.	10340.00
	78	Country Wood Planks		
130	I	CW Planks (upto 30cm wide-40mm thick)	cu.m.	26090.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
131	ii	CW Planks (upto 30cm wide-25mm thick)	cu.m.	26090.00
132	iii	CW Planks (over 30cm wide-40mm thick)	cu.m.	26090.00
133	iv	CW Planks (over 30cm wide-25mm thick)	cu.m.	26090.00
134	78A	JW Planks (25mm-40mm thick)	cu.m.	27300.00
135	78B	Silver Oak Plank (40mm thick)	cu.m.	11800.00
136	78C	Bluegum Plank	cu.m.	12000.00
	79	Country Wood Reepers		
137	i	CW Reepers (50 x 25mm)	RM	23.00
138	ii	CW Reepers (50 x 12mm)	RM	17.00
139	80	Mango plank	cu.m.	11200.00
140	81	Palmyrah rafter (50 - 60mm wide & 125mm depth)	RM	33.00
141	a	Palmyrah Leaves	100 Nos.	170.00
142	b	Palmyrah Leaves (Labour for cutting)	100 Nos.	27.00
	90	Casurina poles		
143	a	Casurina poles 13cm - 15cm dia	RM	22.00
144	b	Casurina poles 10cm - 13cm dia	RM	17.00
145	c	Casurina poles 8cm - 10cm dia	RM	13.00
146	d	Casurina poles 5cm - 8cm dia	RM	11.00
	90.1	Eucalyptus Poles		
147	a	13cm to 15cm dia	RM	22.00
148	b	10cm to 13cm dia	RM	16.00
149	c	8cm to 10cm dia	RM	13.00
150	d	5cm to 8cm dia	RM	11.00
151	e	below 5cm	RM	10.00
152	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	8.00
153	91	Casurina Bullies 4cm - 5cm dia and cross ties	RM	9.00
154	92	Bamboo Large (10cm dia and above)	RM	8.00
155	93	Bamboo (7.5cm - 10cm dia)	RM	7.00

Sl. No.	Sch. Item No.	Description	Unit	Rate approved for the year 2010-2011
		E. Metal and Iron Items		
156	111	Mild steel plates or sheets BG 10	Kg	36.50
157	112	Mild steel Angles 25 x 25 x 3 mm	Kg	36.50
158	113	Binding wire (Black 18 G)	Kg	38.50
159	113 b	Binding wire (Galvanised-18 G)	Kg	38.50
160	114	G.I. Sheets 30cm wide and 1.6 mm Thick	sq.m.	264.00
161	126 I	Weld mesh 7.5 x 2.5cm. 10 Gauge	sq.m.	258.00
162	II	Weld mesh 7.5 x 5cm. 10 Gauge	sq.m.	231.00
163	III	Weld mesh 10 x 10cm. 10 Gauge	sq.m.	126.00
164	129	Chicken mesh	sq.m.	28.00
165	130	Fly proof mesh	sq.m.	80.00

NOTE:

1. For Road works, the Schedule of Rates of Highways Department may be adopted in respect of materials for which rates are not available in this schedule of rates.
2. For all the materials viz. Bricks and Tile Products, Stone Jelly, Gravel, Sand, Lime Stone, etc., necessary incidental charges, loading charges and unloading charges have been included. Hence, no separate incidental charges, loading charges and unloading charges shall be allowed for the above materials.
3. For Stone Jelly of IRC Standards, rates published in Highways Schedule of Rates may be taken.

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 Engineer-In-Chief, WRO &
 Chief Engineer (General),
 PWD., Chennai-5.

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ANNEXURE-III

RATES OF WORKS

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
		A. Clearing the Site		
1	1	Clearing Heavy Jungle	sq.m.	2.40
2	2	Clearing Light Jungle	sq.m.	1.80
3	3	Clearing Scrub Jungle	sq.m.	1.70
4	4	Uprooting & removing large palmyrah / coconut stumps	Each	45.50
5	5	Uprooting & removing small palmyrah / coconut stumps	Each	32.50
6	9	Removing weeds in channel and drain	sq.m.	0.70
7	9C	Cleaning Juliflora jungle with uprooting	sq.m.	2.60
8	9D	Cleaning Juliflora jungle without uprooting	sq.m.	2.00
		B. Dismantling		
9	9	Dismantling, clearing away and carefully stacking materials useful for re-use for any thickness of walls		
10	10	Brick / stone in clay walls under 3m high	cu.m.	19.35
11	11	Brick / stone in clay walls, add for every additional 3m or part thereof over the initial height of 3m	cu.m.	6.55
12	11A	Mud / sun dried brick walls under 3m high	cu.m.	13.00
13	11B	Mud / sun dried brick walls, add for every additional 3m or part thereof over the initial height of 3m	cu.m.	3.85
14	12	Brick / stone masonry in lime mortar walls under 3m high	cu.m.	59.25
15	13	Brick / stone masonry in lime mortar walls, add for every additional 3m or part thereof over the initial height of 3m	cu.m.	6.65
16	14	Brick / stone masonry in Cement mortar walls under 3m high	cu.m.	72.60
17	15	Brick / stone masonry in Cement mortar walls, add for every additional 3m or part thereof over the initial height of 3m	cu.m.	7.85
18	16	Terracing work in roof or floor	sq.m.	19.75
19	17	Flag stone in roof or floor including lifting	sq.m.	10.50
20	18	Cut stone slab over culverts upto 3.3m height below G.L	cu.m.	302.50
21	19	Cut stone slab over culverts over 3.3m height below G.L	cu.m.	314.60

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
22	20	Removal of cut stone slabs & RCC cover slabs	sq.m.	133.10
23	22	Refixing cut stone slab	cu.m.	145.20
24	23	Pantile or Mangalore tiled roof without roof timbers	sq.m.	5.25
25	24	Flat & pan tiles or Mangalore tile over flat tiles, with out roof timbers	sq.m.	7.25
26	25	AC sheet roofing without roof timbers	sq.m.	4.80
27	26	Corrugated Iron sheet roofing with pan tiles over, without roof timbers	sq.m.	7.85
28	27	Old,thatched roof, including tying materials into small bundles for reuse.	sq.m.	2.40
29	28	Wrought & putup framed timbers in roofs / floors	cu.m.	190.00
30	29	Doors & windows including removal of frames, hinges and fastenings	sq.m.	39.30
31	32	Dry stones apron or revetment, stacking within 40m lead	cu.m.	33.80
32	33	Grouted rough stones apron or revetment, stacking within 40m lead	cu.m.	39.30
33	34	Dry stone masonry walls	cu.m.	28.80
34	36	Dismantling lime concrete	cu.m.	91.95
35	37	Dismantling plain Cement concrete	cu.m.	124.60
36	38	Dismantling RCC	cu.m.	1893.65
37	38A	Chipping of concrete & roughening the surface	sq.m.	10.50
38	38B	Pressed tiles & weathering course	sq.m.	12.10
39	38C	One course of pressed tile roof finish in Cement Mortar	sq.m.	6.75
40	38D	One course of terrace bricks roof finish in Cement mortar	sq.m.	7.90
41	38E	Two course of flat tiles roof finish in cement mortar	sq.m.	7.85
42	38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	sq.m.	16.25
43	38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	sq.m.	15.70
		C. Quarrying and Blasting		
44	39	Hard rock measured in solid including blasting & stacking	cu.m.	223.85

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
45	39A	Removing hard rock by wedging, chiselling and trimming to proper shape where blasting is prohibited.	cu.m.	447.70
46	40A	Medium rock and dense medium rock requiring blasting	cu.m.	114.95
47	42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	cu.m.	2.80
48	42B	Extra for every additional 1m lead or part thereof over the initial lift of 2m for blasted materials	cu.m.	2.90
49	44	Benching, hard rock upto an average 10 cm depth	sq.m.	217.80
50	46	Drilling holes in hard granite 40mm diameter	RM	72.60
51	46A	Drilling holes in hard granite 45mm diameter	RM	84.70
52	47	Drilling holes in hard granite 50mm diameter	RM	101.00
53	48	Drilling holes in hard granite 75mm diameter	RM	114.95
54	49	Drilling holes in hard granite 32mm diameter	RM	62.30
		D. Earth Work		
55	49	ORDINARY SOIL SS20A Earth work excavating and depositing on bank with initial lead of 10m & initial lift of 2m in Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil sandy loam and ordinary soil including excavated earth SS.20.A	cu.m.	23.20
56	50	ORDINARY SOIL SS20B Earth work excavating and depositing on bank with initial lead of 10m & initial lift of 2m in Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil including excavated earth SS.20.B	cu.m.	21.10
57	50A	Sand & Silt Under Water SS20B Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Slush and silt under water upto 0.75m depth requiring the aid of basket and vessels SS.20.B	cu.m.	26.40
58	50B	Trimming the bed and the side slope of the bank in all soils except hard rock upto a thickness of 7.5 cm and making it ready to receive the concrete	cu.m.	5.45
59	50C	Trimming the bed and the side slope of the bank in all soils except hard rock upto a thickness of 7.5 cm to 15 cm and making it ready to receive the concrete	cu.m.	6.65
60	50D	Sectioning during forming bunds when earth moving machineries, lorries and rollers are used for consolidation.	cu.m.	4.10

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
61	61	HGS SS.20.A. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	cu.m.	33.65
62	62	HGS SS.20.B. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders SS.20B	cu.m.	31.60
63	67	SDR - (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Soft disintegrated rock, laterite, soft rock or kankar, not requiring blasting.	cu.m.	47.00
64	67A	LOOSE BOULDERS Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in loose boulders in excavation of various size 150mm to 625 mm	cu.m.	74.40
65	72	MR-&-DMR (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in medium rock and dense medium rock not requiring blasting	cu.m.	82.80
66	76	Extra for every additional 10 metre lead or part thereof over the initial lead	cu.m.	4.00
67	77	Extra for every additional 1 metre lift or part thereof over the initial lift	cu.m.	3.25
68	78	Breaking clods, consolidating and sectioning	cu.m.	2.00
69	78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	cu.m.	6.05
70	79	Add to relevant T.N.D.S.S. No.20.A, rates for new tank bunds and closing breaches for extra watering and consolidation,		
71	A	By hand roller	cu.m.	6.65
72	B	By power roller including hire charges	cu.m.	11.10
73	80	Benching Old Embankment Slopes 45cm x 45cm	cu.m.	1.40
74	81	Puddle wall work	cu.m.	52.60
75	82A	Turfing in slopes including watering and fixing with initial lead upto 50m	cu.m.	11.10

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
76	84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	cu.m.	9.90
77	85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	cu.m.	11.10
		E. OPEN WELL EXCAVATION <i>PWD. Schedule of rates 2010-2011</i>		
78	86	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in sand, silt or other loose soil, Wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil - First depth of 2 metre.	cu.m.	21.10
79	88	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Hard stiff clay, stiff black cotton soil, hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders and hard gravelly soil - First depth of 2 metre	cu.m.	31.45
80	89	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in soft disintegrated rock, laterite, soft rock or kankar not requiring blasting - First depth of 2 metre	cu.m.	48.40
81	90	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Medium rock and dense medium rock not requiring blasting - First depth of 2 metre	cu.m.	78.65
82	90A	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Medium rock and dense medium rock requiring blasting - First depth of 2 metre	cu.m.	118.50
83	91	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Hard granite measured in solid including blasting and stacking - First depth of 2 metre	cu.m.	229.90
84	92A	Sinking well in loose soils, light black cotton soil, sandy loam and ordinary soil under water including bailing or pumping charges if necessary etc., complete First depth of 2 metres	cu.m.	32.65
85	92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cu.m.	45.80

Sl. No.	Sched ule Item No.	Description	Unit	Rate approved for the year 2010-2011
86	92C	Sinking well in hard stiff clay, light black cotton soil, hard red earth, shales, murrum, gravel, stoney earth, and earth mixed with small size boulders and hard gravelly soil including balling or pumping charges if necessary etc., complete - First depth of 2 metres	cu.m.	45.80
		F. RATE FOR EARTHWORK DEPLOYING MACHINERIES		
87	1	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with lead of 0 to 100 metre deploying earth moving machineries and tippers including benching, formation of bunds, breaking clods, sectioning etc complete	cu.m.	34.15
88	1a	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with an extra lead of every 100 metre or part thereof deploying earth moving machineries and tippers including benching, formation of bunds, breaking clods, sectioning etc complete	cu.m.	2.80
89	2	Earth work deploying earth moving machineries for desilting channel and forming bund on either side and depositing the earth on banks including jungle clearance etc complete		
a	a	having width up to 3m	cu.m.	20.20
b	b	having width of 3m -10m	cu.m.	24.60
90	3	Earth work excavation deploying earth moving machineries for desilting channel having a width of more than 10m and forming bund on either side and depositing the earth on banks including jungle clearance etc complete	cu.m.	28.75
		LIFT CHARGES - Concrete - Brick or Stone Masonry above or below Ground Level		
	A	Concrete, above ground level		
91	1	Add to the basic rates for works upto 4.50M height in ground floor (height to be reckoned from floor level i.e., plinth level in GL)	cu.m.	33.65
92	2	Add for works in every upper floor over the rate of preceeding floor	cu.m.	67.15
	B	Brick or Stone Masonry above GL		
93	1	Add to the basic rates for works upto 4.50M height in ground floor (height to be reckoned from floor level i.e., plinth level in GL)	cu.m.	22.30

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
94	2	Add for works in every upper floor over the rate of preceeding floor	cu.m.	44.75
		STATEMENT II		
	A	Concrete, Below ground level		
95	1	Add the basic rate for works above 1.50m depth and upto 4.5m depth below ground level	cu.m.	33.25
96	2	Add the basic rate for works above 4.50m depth and upto 9m depth below ground level	cu.m.	66.55
97	3	Add extra over the above Item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cu.m.	66.55
	B	Brick or Stone Masonry below GL		
98	1	Add the basic rate for works above 1.50m depth and upto 4.50m depth below GL	cu.m.	22.30
99	2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	cu.m.	44.75
100	3	Add extra over the above Item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cu.m.	44.75
		Concrete Vibrators		
101	1	Where vibrators are specified for consolidation in PCC, this rate per cu.m. over and above the provision made in the standard data book for consolidation with manual labour may be allowed.	cu.m.	19.90
102	2	Where vibrators are specified for consolidation in RCC, this rate per cu.m. over and above the provision made in the standard data book for consolidation with manual labour may be allowed.	cu.m.	26.60
		G. Scaffolding, Centering, etc.,		
103	156 A	Scaffolding Charges for Plastering for Repair Works only. 4m to 6m above Ground Level	sq.m.	To be deleted
104	156 B	Scaffolding Charges for Plastering for Repair Works only. 6m to 10m above Ground Level	sq.m.	To be deleted
105	156 C	Scaffolding Charges for Plastering for Repair Works only over 10m above Ground Level	sq.m.	To be deleted
106	156 D	Scaffolding Charges for White or Colour Washing for Repair Works only. 4m to 6m above Ground Level	sq.m.	To be deleted
107	156 E	Scaffolding Charges for White or Colour Washing for Repair Works only. 6m to 10m above Ground Level	sq.m.	To be deleted

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
108	156F	Scaffolding Charges for White or Colour Washing for Repair Works only over 10m above Ground Level	sq.m.	To be deleted
109	156G	Scaffolding Charges for Painting for Repair Works only. 4m to 6m above Ground Level	sq.m.	To be deleted
110	156H	Scaffolding Charges for Painting for Repair Works only. 6m to 10m above Ground Level	sq.m.	To be deleted
111	156 I	Scaffolding Charges for Painting for Repair Works only over 10m above Ground Level	sq.m.	To be deleted
		H. Plastering		
112	318	Clean removal of lime plaster from walls and racking out joints 20 mm deep or from terraced roofs racking out joints 12 mm deep	sq.m.	2.80
113	319	Clean removal of lime plaster from walls	sq.m.	2.20
114	320	Clean removal of Cement plaster from walls	sq.m.	2.35
115	321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	sq.m.	3.00
		I. White Washing, Colour Washing & Distempering		
116	338	Thorough scrapping of old plastered surface	sq.m.	1.35
117	339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	sq.m.	1.65
		J. Painting, Wood oiling, Tarring, Varnishing, Bee's waxing Etc.,		
118	357	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	sq.m.	9.90
119	357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	sq.m.	4.25
120	357B	Removing paint from doors, windows & wood works by manual labour	sq.m.	2.90
121	357C	Removing old paint from structural steel by blow lamp or sand paper	sq.m.	6.05
122	357 D	Scrapping and removing old paint from structural steel by manual labour	sq.m.	2.70
123	357 E	Removing old paint from Iron surface with sand paper	sq.m.	2.60
124	357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	sq.m.	5.85

Sl. No.	Sched ulo Item No.	Description	Unit	Rate approved for the year 2010-2011
		K. Miscellaneous		
125	369 B	Supplying and filling up the empty cement gunny bags with sand, stitching them, conveying the same to site and stacking as directed within a lead of 10 m excluding cost of bags, Jute, thread, needle, sand etc., (Labour only)	Bag	2.60
126	369 B(i)	Driving piles up to 15 cm dia in river bed	RM	7.80
127	(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	6.65
128	(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	RM	6.65
		L. River Conservancy of Korambu Works		
129	375A	Brush wood bundles one metre girth and one metre long within an initial lead of 1.6 K.M.	one bundle	1.40
130	375B	Extra for every additional lead of 1.6 KM (for the above item)	one bundle	0.15
131	378A	Driving casurina piles into bed including scaffolding etc., complete	RM	3.30
132	378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	4.45
		M. Cutting and Threading of G.I. Pipe		
133	1	15 mm dia G.I. Pipe Cutting	Each	2.75
134		15 mm dia G.I. Pipe Threading	Each	3.85
135	2	20 mm dia G.I. Pipe Cutting	Each	2.75
136		20 mm dia G.I. Pipe Threading	Each	4.00
137	3	25 mm dia G.I. Pipe Cutting	Each	3.40
138		25 mm dia G.I. Pipe Threading	Each	8.00
139	4	32 mm dia G.I. Pipe Cutting	Each	4.00
140		32 mm dia G.I. Pipe Threading	Each	10.80
141	5	40 mm dia G.I. Pipe Cutting	Each	5.30
142		40 mm dia G.I. Pipe Threading	Each	48.40
143	6	50 mm dia G.I. Pipe Cutting	Each	6.75

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
144		50 mm dia G.I. Pipe Threading	Each	13.50
145	7	65 mm dia G.I. Pipe Cutting	Each	7.35
146		65 mm dia G.I. Pipe Threading	Each	16.20
147	8	80 mm dia G.I. Pipe Cutting	Each	9.45
148		80 mm dia G.I. Pipe Threading	Each	20.35
149	9	100 mm dia G.I. Pipe Cutting	Each	13.50
150		100 mm dia G.I. Pipe Threading	Each	27.10
		N. Labour Wrought and Put-up for Doors, Windows & Ventilators		
151	1	Labour wrought and put up in position of frames inclusive of fixing holdfasts for doors, windows, ventilators etc.,	cu.m.	3853.85
152	2	Labour wrought and put up in position Shutters for fully panelled doors (external or internal) moulded panels including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	435.60
153	3	Labour wrought and put up in position Shutters for fully panelled doors internal five plywood panels including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	363.00
154	4	Labour wrought and put up in position Shutters for glazed and panelled doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	405.35
155	6	Labour wrought and put up in position Shutters for framed and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	338.80
156	7	Labour wrought and put up in position Shutters for ledged and braced and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	229.90
157	8	Labour wrought and put up in position Shutters for Glazed windows including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	405.35

Sl. No.	Schedule Item No.	Description	Unit	Rate approved for the year 2010-2011
158	11	Labour wrought and put up in position Shutters for Windows panelled including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	435.60
159	12	Labour wrought and put up in position Shutters for windows ledged and braced and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sq.m.	229.90
160	13	Labour wrought and put up in position Frames, shutters for Ventilators glazed fixed double frames and with wire netting complete fixed in position in accordance with standard drawings and standard specification.	sq.m.	363.00
161	14	Labour wrought and put up in position Frames, Shutters for Swing Ventilators and fixed in position in accordance with standard drawings and standard specification.	sq.m.	338.80
162	19	Labour charges for fixing doors alongwith frames in position etc., complete (finished work)	sq.m.	65.30
163	20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	sq.m.	82.25
	21	Labour wrought and put up in position Flush shutters		
164	a	Single leaf shutter	sq.m.	60.50
165	b	Double leave shutters	sq.m.	94.35
166	22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	sq.m.	217.80
167	23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x 0.075m)	sq.m.	302.50
		Breaking Metals		
168	50 A	Labour charges for breaking 40mm metal from departmental blasted stones	cu.m.	116.15
169	50 B	Labour charges for breaking 20mm metal from departmental blasted stones	cu.m.	173.00
170	50 C	Labour charges for breaking 50mm metal from departmental blasted stones	cu.m.	68.95
	69	Cement Mortar		
171	i	Grinding Mortar (Special Grinding lime)	cu.m.	105.25
172	ii	Grinding Mortar (Ordinary grinding lime)	cu.m.	79.85

Sl. No.	Sched ule Item No.	Description	Unit	Rate approved for the year 2010-2011
173	III	Mixing Mortar - Cement by manual	cu.m.	32.65
174	IV	Mixing Mortar - Cement by Machine Mixing	cu.m.	43.45
		Metal and Iron works		
175	121	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	15.70
176	125	Iron works for trusses & record racks (labour only)	Kg	14.50
177	125A	Supplying & fixing mild steel grills for windows, ventilators, etc., including priming coat.	Kg	50.80
178	127	Fixing M.S.Rods round / square for windows	Kg	8.45
179	128	Fixing Iron bars in windows and ventilators	Kg	8.45


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ANNEXURE-IV
RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD

Sl. No.	Description of Material	Unit	Rate approved for the year 2010-2011		
			LEAD		LIFT
			Above 10m and upto 100m	Add extra for every additional 100m or part thereof	Add extra for every 1m height or part thereof for more than 2m lift
1	Rough Stone, Broken Stone, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantling, Wooden Plank	M ³	36.30	15.10	4.00
2	Lime, Lime Stone, Broken Laterite, Brick Jelly, Coke, Earth, Sand Gravel, Surki, Pond Ash (Wet & Dry)	M ³	19.35	15.10	3.00
3 a	Mangalore Tiles	1000 Nos.	39.30	19.80	5.00
b	Machine Pressed Tiles	2000 Nos.	39.30	19.80	5.00
c	Hydraulic Pressed Mosaic Tiles	1500 Nos.	39.30	19.80	5.00
d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	39.30	19.80	5.00
e	Bricks	1000 Nos.	39.30	19.80	5.00
4	Cement, AC Sheet, Bitumen, Asphalt, Tar and Pitch	MT	36.30	19.80	4.00
5	Steel	MT	60.50	24.20	5.00

Note:

- 1 Fraction of 100 metres to be rounded off to the nearest 100 metres
- 2 The rates indicated in the table shall be applicable only to inaccessible places (i.e.) the places wherever the Bullock Carts cannot move [Chief Engineer (General), Memo No. CTO (A) / 38153 / 89, dated 03.02.1989]
- 3 For an initial lead of 10 metre and initial lift of 2 metre, no charge towards head load is allowable

ANNEXURE-V
CONVEYANCE TABLE
(A). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN PLAINS

Sl. No.	Distance in kilometre	Rate approved for the year 2010-2011					
		Cement, Steel (1 MT)	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (wet / dry) (One cubic metre)	Rough Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth (One cubic metre)	Country Bricks (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.) Hydraulically Pressed Mosaic Tiles (1500 Nos.)	Bricks II Class Standard Size Stock Bricks (Table Moulded / Ground Moulded), Fly Ash Bricks, Chamber Burnt Bricks, Flooring Tiles (1000 Nos.)
1	2	3	4	5	6	7	8
1	Co-efficient	1.00	1.10	1.60	1.35	1.80	2.25
2	Add for every extra 1 Km and part thereof.....						
a	0 - 10 Km.	3.50	3.85	5.60	4.75	6.30	7.90
b	10 - 20 Km.	2.95	3.25	4.70	4.00	5.30	6.65
c	20 - 40 Km.	2.55	2.80	4.10	3.45	4.60	5.75
d	40 - 80 Km.	2.05	2.25	3.30	2.75	3.70	4.60
e	Above 80 Km.	1.80	2.00	2.90	2.45	3.25	4.05
4	Loading Charges	48.40	23.10	15.85	22.75	22.75	22.75
5	Unloading Charges	48.40	23.10	15.85	22.75	22.75	22.75
6	Add above extra for inter state works	9.65	10.60	15.40	13.05	17.35	21.60

Note

1	The above rates do not include stacking charges [as per Circular Memo No.230 Wks.IV (2)/62-3, dt.16.06.1962 of Chief Engineer (General)].
2	For conveyance of materials on cart track, allow 20% extra over the above rates excluding loading and unloading charges.
3	For sandy and silty soil tracks, add 50% extra over the above rates excluding loading and unloading charges.
4	The quantity for payment towards conveyance of earth in Column (5) is for the pit measured quantity at the site of excavation only.
5	For conveyance of blasted rock through lorries, the rates provided are for the volume with voids.
6	For all materials which finds place in Column, 3,4,5,6,7 and 8 above, necessary incidental charges, loading charges and unloading charges have been included already under their cost furnished below the head "Rates of Materials" itself. Hence, no separate incidental charges, loading and unloading charges shall be allowed for the above materials.

ANNEXURE-V
CONVEYANCE TABLE
(B). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN HILLS

Sl. No.	Distance in kilometre	Rate approved for the year 2010-2011					
		Cement, Steel (1 MT)	Lime Stone, Broken Laterite, Brick Jelly, Wood Work, Pond Ash (wet / dry) (One cubic metre)	Rough Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth (One cubic metre)	Country Bricks (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.) Hydraulically Pressed Mosaic Tiles (1500 Nos.)	Bricks I & II Class Standard Size Stock Bricks, Metric Bricks, Fly Ash Bricks, Chamber Burnt Bricks, Flooring Square Tiles (1000 Nos.)
1	2	3	4	5	6	7	8
1	Add for every extra 1 Km and part thereof.....						
a	0 - 10 Km.	7.00	7.70	11.20	9.50	12.60	15.80
b	10 - 20 Km.	5.90	6.50	9.40	8.00	10.60	13.30
c	20 - 40 Km.	5.10	5.60	8.20	6.90	9.20	11.50
d	40 - 80 Km.	4.10	4.50	6.60	5.50	7.40	9.20
e	Above 80 Km.	3.60	4.00	5.80	4.90	6.50	8.10
Note							
1	The above rates do not include stacking charges [as per Circular Memo No.230 Wks.IV(2)/62-3, dt.16.06.1962 of Chief Engineer (General)].						
2	For conveyance of materials on cart track, allow 20% extra over the above rates excluding loading and unloading charges.						
3	For sandy and silty soil tracks, add 50% extra over the above rates excluding loading and unloading charges.						
4	The quantity for payment towards conveyance of earth in Column (5) is for the pit measured quantity at the site of excavation only.						
5	For conveyance of blasted rock through lorries, the rates provided are for the volume with voids.						
6	For all materials which finds place in Column, 3,4,5,6,7 and 8 above, necessary incidental charges, loading charges and unloading charges have been included already under their cost furnished below the head "Rates of Materials" itself. Hence, no separate incidental charges, loading and unloading charges shall be allowed for the above materials.						


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ANNEXURE-VI
RATES OF OTHER CONSTRUCTION MATERIALS

Note: No extra on cost, no conveyance charges shall be allowed
for all the items included under this category.

The rates approved therein are applicable at site of work.

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
1	Water proofing compound	Kg	35.00
2	Mild Steel Flats of all sizes	Kg	47.00
3	Mild Steel Square Rods of all sizes	Kg	47.00
4	First Quality Design Ceramic tiles of All colours		
I	305 mm x 305 mm x 6 mm	Each	42.00
II	200 mm x 200 mm x 6 mm	Each	18.50
III	200 mm x 100 mm x 6 mm	Each	10.00
5	First Quality Plain ceramic tiles of all colours		
I	305 mm x 305 mm x 6 mm	Each	30.00
II	200 mm x 200 mm x 6 mm	Each	13.50
III	200 mm x 100 mm x 6 mm	Each	7.00
6	First quality White glazed tiles		
I	150 mm x 150 mm x 6 mm	Each	7.00
II	100 mm x 200 mm x 6 mm	Each	6.00
7	First quality colour glazed tiles		
I	150 mm x 150 mm x 6 mm	Each	8.00
II	100 mm x 200 mm x 6 mm	Each	7.00
8	First quality colour glazed tiles with printed design		
I	150 mm x 150 mm x 6 mm	Each	9.50
II	100 mm x 200 mm x 6 mm	Each	8.50
9	White Cement	Kg	19.00
10	Colour Cement (White cement mixed with colouring pigments)	Kg	22.00
11	Multi-colour marble chips of all Grades / Sizes	Bag	80.00
12	White Marble slab (Adanga) 18 mm to 20 mm thick		
I	4'0" x 2'0" and above	sq.m.	775.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
12	2'0" x 2.0" or 2'0" x 1'0" or 1'0" x 1'0"	sq.m.	425.00
13	Granite tiles - (Superfine polished with Machine cut edges) of size 2'0" x 1'0" or 1'0" x 1'0" or 1'0" x 0'6", of 10 mm thick		
a	Jet Black	sq.m.	750.00
b	Ruby Red, Raw Silk	sq.m.	650.00
c	Sinthetic Grey, Paradise and Similar varieties.	sq.m.	600.00
14	Granite slabs (Super fine polished with machine cut edges) of sizes 4'x2' and above 18mm to 20mm thick.		
a	Jet Black	sq.m.	1500.00
b	Ruby Red, Raw Silk	sq.m.	1400.00
c	Sinthetic Grey, Paradise and Similar varieties.	sq.m.	1100.00
15	Polished shahabad stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sq.m.	300.00
16	Polished shahabad stone slabs 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sq.m.	250.00
17	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sq.m.	440.00
18	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sq.m.	390.00
19	Dolphur stone slabs - semi polished with machine cut edges of all sizes		
a	40 mm thick	sq.m.	330.00
b	20 mm thick	sq.m.	300.00
20	Aluminium strips of size 40 mm wide x 1.5 mm thick	RM	25.00
21	Brass strips of size 40 mm wide x 1.5 mm thick	RM	50.00
22	Glass strips of size 40 mm wide and 4 mm thick	RM	12.50
23	Marblex Tiles 3 mm thick	sq.m.	500.00
24	Red Oxide - Superior quality for floor finish	Kg	105.00
25	Decorative pressed tiles of 12 mm thick of all sizes and shapes	sq.m.	850.00
26	Exterior Emulsion Paint - Water based primer (Liquid)	Litre	120.00
27	Alkali Resistant Distemper Primer	Litre	120.00
28	Sandtex matt	Litre	140.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
29	Vinartex or equivalent Textured coat	sq.m.	185.00
30	Best Lac Polish / French Polish	Litre	235.00
31	Varnish	Litre	240.00
32	Cotton Waste	Kg	8.00
33	Cement based Hydraulically pressed Anti skid tiles (pattern design) - 20 mm thick	sq.m.	400.00
34	Marble Powder	Kg	4.00
35	Polishing Stone		
I	Rough	Each	50.00
II	Medium	Each	70.00
III	Fine / Nice	Each	80.00
36	Oxalic Acid	Kg	33.00
37	Tupentine	Litre	22.00
38	Manslon polish	400 gram	132.00
39	Poly Sulphide	Kg	150.00
40	Primer for expansion joints	Kg	135.00
41	Filler material	sq.m.	110.00
42	Bond Breaker	RM	3.00
43	PVC Water Bar 150mm wide with singel bulb	RM	225.00
44	Plain G.I. sheet 0.8mm thick (22 Gauge)	sq.m.	275.00
45	Phil Plug	Each	4.00
46	G.I. Screws		
I	30mm x 6mm	Each	1.00
II	19mm x 6mm	Each	0.60
47	G.I. Limpet / Cup Washers	Each	1.50
48	Bitumen washers 15mm dia	Each	1.00
49	Asbestos Cement pipe - 100mm dia	3 RM	110.00
50	A.C. shoe - 100mm dia	Each	35.00
51	A.C. Bend - 100mm dia	Each	40.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
52	A.C. Cylindrical Cowl - 100mm dia	Each	60.00
53	C.I. Brackets for A.C. pipe 100mm dia	Each	16.50
54	C.I. Grating - 100mm dia	Each	24.20
55	Asbestos cement fully corrugated sheet - 6mm thick	sq.m.	145.00
56	Asbestos cement plain sheet		
I	6mm thick	sq.m.	130.00
II	4mm thick	sq.m.	90.00
57	Asbestos cement adjustable ridges	Pair	150.00
58	G.I. "J" or "L" Bolts with nuts 6mm Dia	Each	3.00
59	Steel - special extruded sections for steel windows and ventilators conforming to I.S.S. 7452 / 1990 Including Fabrication charges	Kg	55.00
60	CRCA pressed steel Box section 18 Gauge or 1.25mm thick for Door frames Including providing holes and fixing wooden blocks for fixing furniture and fittings		
a	With one coat of Red oxide priming coat.	RM	370.00
b	With powder coated primer	RM	395.00
61	Aluminium extruded sections (for Doors, windows, ventilators, partitions, false ceiling etc.) Including charges for Anodising for 15 micron thickness -		
a	Natural colour matt finish.	Kg	242.00
b	With powder coating of any colours.	Kg	258.50
62	Aluminium Extruded Box Section for Staircase Hand Rails Including charges for Anodising for 15 micron thickness - Natural colour matt finish	Kg	247.50
63	Rubber beading for aluminium glazed doors	RM	30.00
64	Rubber beading for aluminium glazed windows.	RM	23.00
65	PVC / Woollen felt for aluminium doors 6mm thick	RM	7.00
66	Pivot for Aluminium Door	Set	120.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
67	Hydraulic Door closer of various sizes of approved quality using Aluminium Extruded section body tubular type universal hydraulic door closer with double speed adjustment like HARDWYN (make) 'GAZEL' (or) equivalent (with ISI Monogram)	Each	750.00
68	Hydraulic Floor springs of various sizes double action hydraulic floor spring of approved quality, brand, manufacture as per BIS standards for doors including cost of cutting floors as required, embedding in to floors and Stainless Steel Cover plates with Aluminium Pivot and single piece M.S. sheet outer box with side plate etc., capable of taking upto 130 Kg. weight from door shutter, like HARDWYN make (U-32) or its equivalent with ISI monogram.	Each	1800.00
69	Lock for Aluminium doors	Each	198.00
70	Lock for Aluminium sliding windows	Each	49.50
71	Aluminium Grill of standard pattern (diamond shape) - 10mm thick including 'F' (or) 'H' Section.	sq.m.	1550.00
72	Aluminium Grill of standard pattern (diamond shape) - 6mm thick including 'F' (or) 'H' Section.	sq.m.	1250.00
73	Bolts and Nuts 10mm dia for false ceiling	Each	4.40
74	Rawl Plugs for false ceiling	Each	7.00
75	PVC Roller for sliding windows	Each	11.00
76	Synthetic Resin - Fevicol or equivalent (Phenol Formaldehyde based Resin)	Kg	150.00
77	Butt Hinges with nylon washers of various sizes. Length and width (with required screws).		
a	125mm x 30mm	Each	58.00
b	100mm x 30mm	Each	47.00
c	75mm x 30mm	Each	32.00
d	50mm x 30mm	Each	26.00
78	Tower Bolts of various lengths and diameter (with required screws)		
a	400mm long and 12mm dia	Each	110.00
b	300mm long and 12mm dia	Each	84.00
c	250mm long and 12mm dia	Each	63.00
d	200mm long and 12mm dia	Each	53.00
e	150mm long and 12mm dia	Each	42.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
f	100mm long and 10mm dia	Each	37.00
g	75mm long and 10mm dia	Each	26.00
79	Aldrops of following lengths and diameter with required screws, bolts and nuts.		
a	300mm long and 16mm dia	Each	152.00
b	250mm long and 16mm dia	Each	131.00
c	200mm long and 16mm dia	Each	89.00
d	200mm long and 12mm dia	Each	74.00
80	Handles "D" type of various sizes with required screws		
a	200mm long	Each	47.00
b	150mm long	Each	42.00
c	100mm long	Each	26.00
81	Ornamental handles of various sizes with required screws		
a	200mm long	Each	126.00
b	150mm long	Each	84.00
c	100mm long	Each	47.00
82	Aluminium door stopper with rubber bush with required screws	Each	37.00
83	Rubber bush - 40 mm dia and 60 mm long with required screws	Each	20.00
84	Mortice Lock-(Godrej or equivalent) with required screws with 3 Keys		
a	With night latch	Each	420.00
b	Without night latch	Each	315.00
c	Wire nails	Kg	50.00
85	Teakwood beading		
a	15mm x 12mm	RM	12.00
b	35mm x 12mm	RM	30.00
86	Teakwood Beading (ordinary)		
a	30mm x 12mm	RM	25.00
b	25mm x 12mm	RM	20.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
87	Teakwood beading - Ornamental / design		
a	40mm x 12mm	RM	70.00
b	40mm x 15mm	RM	80.00
c	25mm x 12mm	RM	55.00
d	15mm x 12mm	RM	38.00
88	Medium Density Fibre (MDF) Board - Exterior Grade, Both sides pre-laminated including external lipping with kiln dried soft wood 35mm thick	sq.m.	1600.00
89	Medium Density Fibre (MDF) Board - exterior Grade - Both sides pre-laminated, 12mm thick.	sq.m.	775.00
90	MDF Board exterior Grade - Plain including external lipping with kiln dried soft wood		
i	35mm thick	sq.m.	1300.00
ii	30mm thick	sq.m.	1200.00
91	Medium density fibre (MDF) Board 12 mm thick Exterior grade - with melamine finish.		
a	One side melamine finish	sq.m.	825.00
b	Both sides melamine finish	sq.m.	925.00
92	Medium density fibre (MDF) board - Exterior grade - Plain - With teak wood external lipping around		
a	35mm thick	sq.m.	1400.00
b	30mm thick	sq.m.	1250.00
93	Solid core Flush shutters with Teak ply on both side with teak wood lipping around 35 mm thick	sq.m.	1650.00
94	Solid core Flush shutters with Teak ply on one side and commercial ply on other side with teak wood lipping around 35 mm thick	sq.m.	1450.00
95	Solid core Flush shutters with commercial ply on both side with teak wood lipping around 35 mm thick	sq.m.	1250.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
96	Solid PVC door shutters using 19 Gauge 19mm MS square tubes for styles and outer frames. 15mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, Lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rebate for housing the shutter.		
a	Solid panel PVC door with frame	sq.m.	2375.00
b	Solid panel PVC door without frame	sq.m.	2000.00
97a	FRP door Sutter with FRP door frames made out of FRP Sheets of 3mm thick of over all size 65mm x 50mm with rebate suitably reinforced using MS Angle / Flats, cost of holdfasts and solid core FRP shutter Panel of 5mm thick and hollow core frames of 3mm wall thickness for styles and rails etc., of sizes specified by Engineers.	sq.m.	3100.00
b	Excluding door frames	sq.m.	2575.00
98a	PVC panelled door shutters hollow type - 200 mm x 20 mm panels with 1 mm wall thickness for panels and styles and rails of suitable size with 2 mm wall thickness suitably reinforced using MS Angle / Flat including cost of necessary Aluminium hinges and other furniture fittings.	sq.m.	1700.00
b	Excluding door frames	sq.m.	1500.00
99	RCC door frame of 100mm x 65mm cross sectional size with necessary rebate for housing the shutters, manufactured with cement concrete of grade not less than M20 using 10 mm and below graded stone jelly and using steel reinforcement as per C.E. (B) circular instructions.	RM	240.00
100	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1 mm thick) of size 100 mm x 60 mm with a rebate of 30 / 35 mm x 15 mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel Hold fast etc.,	RM	750.00
101	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1.6mm thick) of size 100mm x 60mm with a rebate of 30 / 35mm x 15mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel hold fast etc.,	RM	1050.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
102	Supplying and erecting pull and push type rolling shutter with ISI make of approved size and section using 18 GI sheet. The shutter shall be painted with one coat of red oxide primer and the rate is inclusive of hood covers, transportation charges etc.,		
A	ROLLING SHUTTERS (WITH ISI MONOGRAM)		
a	Manually operated (up to 8 m ² area)	sq.m.	2100.00
b	Gear operated type (from 8 m ² to 12 m ² area)	sq.m.	2350.00
c	Electrically operated type (exceeding 12m ² area)	sq.m.	2550.00
B	ROLLING GRILLS (WITH ISI MONOGRAM)		
a	Manually operated (up to 8 m ² area)	sq.m.	2150.00
b	Gear operated (from 8 m ² to 12 m ² area)	sq.m.	2400.00
c	Electrically operated (exceeding 12m ² area)	sq.m.	2675.00
103	Barbed Wire - 10 Gauge - Two ply and four pronged (Galvanised)	1 Kg or 6 RM	60.00
104	Chain link - 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes)	sq.m.	155.00
105	Pin Headed / Fluted / Figured Glass 3mm thick	sq.m.	200.00
106	Plain Glass - 4mm thick	sq.m.	270.00
107	Plain Sheet Glass - 5.5mm thick	sq.m.	320.00
108	Metal screws (for Aluminium Doors, windows etc.)		
I	75mm x 8mm	Each	2.00
II	38mm x 6mm	Each	1.50
III	19mm x 8mm	Each	1.00
IV	19mm x 6mm	Each	0.75
109	Cement paint (First quality)	Kg	44.00
110	Oil Bound Distemper	Kg	65.00
111	Acrylic Distemper	Kg	75.00
112	Primer for Plastic Emulsion paint	Litre	130.00
113	Plastic Emulsion paint (First quality)	Litre	260.00
114	Wood Primer	Litre	130.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
115	Synthetic Enamel paint for Wood work	Litre	210.00
116	Red Oxide primer for Iron work	Litre	120.00
117	Synthetic Enamel paint for Iron work	Litre	200.00
118	G.I. Pipes "B" Class		
I	65 mm dia	RM	210.00
II	50 mm Dia	RM	180.00
III	40 mm Dia	RM	140.00
IV	32 mm Dia	RM	130.00
V	25 mm Dia	RM	110.00
VI	20 mm Dia	RM	85.00
VII	15 mm Dia	RM	60.00
119	G.I. Specials		
A	Union		
I	50 mm Dia	Each	230.00
II	40 mm Dia	Each	170.00
III	32 mm Dia	Each	110.00
IV	25 mm Dia	Each	85.00
V	20 mm Dia	Each	60.00
VI	15 mm Dia	Each	50.00
B	G.I. Elbow		
I	50 mm Dia	Each	110.00
II	40 mm Dia	Each	85.00
III	32 mm Dia	Each	75.00
IV	25 mm Dia	Each	50.00
V	20 mm Dia	Each	22.00
VI	15 mm Dia	Each	14.00
C	G.I. Bend		
I	50 mm Dia	Each	100.00
II	40 mm Dia	Each	75.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
III	32 mm Dia	Each	60.00
IV	25 mm Dia	Each	45.00
V	20 mm Dia	Each	20.00
VI	15 mm Dia	Each	12.00
D	G.I. TEE		
I	50 mm Dia	Each	120.00
II	40 mm Dia	Each	95.00
III	32 mm Dia	Each	85.00
IV	25 mm Dia	Each	70.00
V	20 mm Dia	Each	30.00
VI	15 mm Dia	Each	25.00
E	G.I. COUPLING		
I	50 mm Dia	Each	60.00
II	40 mm Dia	Each	50.00
III	32 mm Dia	Each	40.00
IV	25 mm Dia	Each	25.00
V	20 mm Dia	Each	14.00
VI	15 mm Dia	Each	12.00
F	G.I. REDUCER		
I	50 mm x 40 mm Dia	Each	80.00
II	40 mm x 32 mm Dia	Each	60.00
III	32 mm x 25 mm Dia	Each	45.00
IV	25 mm x 20 mm Dia	Each	25.00
V	20 mm x 15 mm Dia	Each	18.00
VI	40 mm x 25 mm Dia	Each	45.00
VII	32 mm x 20 mm Dia	Each	35.00
G	G.I. REDUCER ELBOW		
I	50 mm x 40 mm Dia	Each	95.00
II	40 mm x 32 mm Dia	Each	80.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
115	Synthetic Enamel paint for Wood work	Litre	210.00
116	Red Oxide primer for Iron work	Litre	120.00
117	Synthetic Enamel paint for Iron work	Litre	200.00
118	G.I. Pipes "B" Class		
I	65 mm dia	RM	210.00
II	50 mm Dia	RM	180.00
III	40 mm Dia	RM	140.00
IV	32 mm Dia	RM	130.00
V	25 mm Dia	RM	110.00
VI	20 mm Dia	RM	85.00
VII	15 mm Dia	RM	60.00
119	G.I. Specials		
A	Unlon		
I	50 mm Dia	Each	230.00
II	40 mm Dia	Each	170.00
III	32 mm Dia	Each	110.00
IV	25 mm Dia	Each	85.00
V	20 mm Dia	Each	60.00
VI	15 mm Dia	Each	50.00
B	G.I. Elbow		
I	50 mm Dia	Each	110.00
II	40 mm Dia	Each	85.00
III	32 mm Dia	Each	75.00
IV	25 mm Dia	Each	50.00
V	20 mm Dia	Each	22.00
VI	15 mm Dia	Each	14.00
C	G.I. Bend		
I	50 mm Dia	Each	100.00
II	40 mm Dia	Each	75.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
III	32 mm Dia	Each	60.00
IV	25 mm Dia	Each	45.00
V	20 mm Dia	Each	20.00
VI	15 mm Dia	Each	12.00
D	G.I. TEE		
I	50 mm Dia	Each	120.00
II	40 mm Dia	Each	95.00
III	32 mm Dia	Each	85.00
IV	25 mm Dia	Each	70.00
V	20 mm Dia	Each	30.00
VI	15 mm Dia	Each	25.00
E	G.I. COUPLING		
I	50 mm Dia	Each	60.00
II	40 mm Dia	Each	50.00
III	32 mm Dia	Each	40.00
IV	25 mm Dia	Each	25.00
V	20 mm Dia	Each	14.00
VI	15 mm Dia	Each	12.00
F	G.I. REDUCER		
I	50 mm x 40 mm Dia	Each	80.00
II	40 mm x 32 mm Dia	Each	60.00
III	32 mm x 25 mm Dia	Each	45.00
IV	25 mm x 20 mm Dia	Each	25.00
V	20 mm x 15 mm Dia	Each	18.00
VI	40 mm x 25 mm Dia	Each	45.00
VII	32 mm x 20 mm Dia	Each	35.00
G	G.I. REDUCER ELBOW		
I	50 mm x 40 mm Dia	Each	95.00
II	40 mm x 32 mm Dia	Each	80.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
III	32 mm x 25 mm Dia	Each	60.00
IV	25 mm x 20 mm Dia	Each	45.00
V	20 mm x 15 mm Dia	Each	35.00
VI	40 mm x 25 mm Dia	Each	60.00
VII	32 mm x 20 mm Dia	Each	50.00
H	G.I. REDUCER TEE		
I	50 mm x 40 mm Dia	Each	120.00
II	40 mm x 32 mm Dia	Each	100.00
III	32 mm x 25 mm Dia	Each	85.00
IV	25 mm x 20 mm Dia	Each	65.00
V	20 mm x 15 mm Dia	Each	60.00
VI	40 mm x 25 mm Dia	Each	90.00
VII	32 mm x 20 mm Dia	Each	70.00
I	G.I. HEX NIPPLE		
I	50 mm Dia	Each	75.00
II	40 mm Dia	Each	60.00
III	32 mm Dia	Each	50.00
IV	25 mm Dia	Each	38.00
V	20 mm Dia	Each	30.00
VI	15 mm Dia	Each	20.00
120	Gun Metal Gate Valve (Heavy Duty)		
I	65 mm dia	Each	1400.00
II	50 mm Dia	Each	1150.00
III	40 mm Dia	Each	900.00
IV	32 mm Dia	Each	700.00
V	25 mm Dia	Each	550.00
VI	20 mm Dia	Each	325.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
	Note: Gate Valves should be used only in delivery line to OHT scour pipe in OHT (for cleaning of OHT) where pressure pumping is involved. In all other cases only wheel valve should be used.		
121	Gun Metal Wheel Valve (Heavy Duty)		
I	40 mm Dia	Each	600.00
II	32 mm Dia	Each	475.00
III	25 mm Dia	Each	325.00
IV	20 mm Dia	Each	225.00
V	15 mm Dia	Each	160.00
122	Brass chromlum plated screw down Tap 15 / 12mm Dia (Heavy Type)	Each	175.00
123	Chromlum plated stop cock 15mm Dia	Each	140.00
124	Brass chromlum plateed pillar Tap (Heavy type)-15/12mm Dia	Each	250.00
125	Brass chromlum plated shower Rose - 100mm Dia	Each	180.00
126	Wooden plug, clamp and screws	Set	10.00
127	Shellac	100 gram	15.00
128	Thread Ball	Each	3.00
129	Orlya Type Indian Water closet 580mm x 440mm with "P" or "S" Trap		
I	White	Set	900.00
II	Colour	Set	1150.00
130	European Water closet with "P" or "S" Trap with Double Flapped seat and seat cover with Brass Hinges and 10 litre capacity PVC low level flusing tank with all Internal fittings		
I	White	Set	2300.00
II	Colour	Set	2600.00
131	European water closet with "P" or "S" Trap with Double falpped seat and seat cover with Brass Hinges and 12.5 litre capacity PorcelIn low level flusing tank with all Internal fittings		
I	White	Set	3250.00
II	Colour	Set	3900.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
132	Wash Hand Basin of size 550mm x 400mm with all accessories such as cast iron brackets, 32mm dia C.P. waste coupling, rubber plug and chain, 32mm dia 'B' Class G.I. waste pipe, 15mm dia G.M. wheel valve, 15mm dia nylon connection, 15mm dia brass nipples, 15mm C.P. pillar tap etc.		
I	White without pedestal	Set	1250.00
II	White with pedestal	Set	1500.00
III	Colour without pedestal	Set	1675.00
IV	Colour with pedestal	Set	1850.00
133	White Porcelain Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class G.I. waste water pipe and 32mm dia C.P. waste coupling.	Set	1600.00
134	Cuddapah Slab Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class G.I. waste water pipe & 32mm dia C.P. waste coupling.	Set	550.00
135	Cuddapah Slab Sink of size 600mm x 600mm x 200mm with 32mm dia 'B' Class G.I. waste water pipe & 32mm dia C.P. waste coupling.	Set	725.00
136	Lipped Mouth Porcelain Flat Back Urinal with all accessories such as 32mm dia Bell mouth PVC connection, 15mm dia G.M. wheel valve, 15mm dia 'B' Class G.I. waste water pipe, 15mm dia nylon connection, 15 mm dia brass nipple etc.,		
I	White	Set	700.00
II	Colour	Set	800.00
137	Porcelain soap dish of size 150mm x 150mm x 50mm		
I	White	Each	150.00
II	Colour	Each	200.00
138	Brass chromlum plated soap tray of size 150mm x 100mm	Each	125.00
139	Brass chromlum plated towel rail 60cm long and 20mm dia with brackets	Set	200.00
140	Anodised Aluminum Towel Rail 60cm long and 20mm dia with Brackets.	Set	100.00
141	PVC / Fibre Glass framed 5.5mm thick mirror, shelf type with Hard Board Backing		
I	600mm x 450mm	Each	375.00
II	500mm x 400mm	Each	300.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
142	Stone ware gully trap of size 150mm x 100mm with cast Iron Double Gratings	Each	140.00
143	Cast Iron Nahini / Floor Trap with stainless Steel Grating		
I	100mm x 75mm	Each	230.00
ii	75mm x 50mm	Each	180.00
144	PVC Nahini / Floor Trap with PVC Grating		
I	100mm x 75mm	Each	125.00
II	75mm x 50mm	Each	110.00
145	First Quality cast Iron pipe		
I	150mm Dia	RM	830.00
II	100mm Dia	RM	500.00
III	75mm Dia	RM	400.00
IV	50mm Dia	RM	285.00
146	First Quality cast Iron Specials		
A	Plain Bend		
I	150mm Dia	Each	450.00
II	100mm Dia	Each	220.00
III	75mm Dia	Each	170.00
IV	50mm Dia	Each	130.00
B	Bend with Door		
I	150mm Dia	Each	520.00
II	100mm Dia	Each	265.00
III	75mm Dia	Each	220.00
IV	50mm Dia	Each	175.00
C	Plain TEE		
I	150mm Dia	Each	900.00
ii	100mm Dia	Each	400.00
iii	75mm Dia	Each	275.00
iv	50mm Dia	Each	190.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
D	TEE with Door		
I	150mm Dia	Each	950.00
II	100mm Dia	Each	460.00
III	75mm Dia	Each	320.00
IV	50mm Dia	Each	230.00
E	"Y" Junction with Door (single)		
I	150mm Dia	Each	1000.00
II	100mm Dia	Each	500.00
III	75mm Dia	Each	350.00
IV	50mm Dia	Each	250.00
F	"Y" Junction with Door (Double)		
I	150mm Dia	Each	1100.00
II	100mm Dia	Each	560.00
III	75mm Dia	Each	420.00
G	COWL		
I	150mm Dia	Each	275.00
II	100mm Dia	Each	165.00
III	75mm Dia	Each	110.00
IV	50mm Dia	Each	85.00
147	Stone Ware Pipe		
I	150mm Dia	Each (0.6.RM)	80.00
II	100mm Dia	Each (0.6.RM)	50.00
148	Stone ware specials		
A	Stone ware TEE		
I	150mm Dia	Each	130.00
II	100mm Dia	Each	100.00
B	Stone Ware Bend		
I	150mm Dia	Each	110.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2010-2011
■	100mm Dia		
C	Stone ware "Y" Junction	Each	80.00
I	150mm Dia		
ii	100mm Dia	Each	135.00
149	Spun Yarn	Each	100.00
150	Hemp Yarn	Kg	10.00
		Kg	9.00
151	Gunny Tape / Kithan	sq.m.	9.00
152	Tar	Kg	32.00
153	Bitumen Felt 15 mm thick pad	sq.m.	200.00
154	Supplying, fabricating, erecting and fixing gyp board false ceiling upto a ceiling height of 4.5m from floor level.		
a	Using plain sheets (10mm thick)	sq.m.	600.00
b	Using perforated sheets (10mm thick)	sq.m.	780.00
155	Supplying and laying Glass wool for insulation including necessary packing materials.		
a	Using 50mm thick Glass wool	sq.m.	308.00
b	Using 25mm thick Glass wool	sq.m.	165.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2010-2011		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
	WATER SUPPLY AND SANITARY ARRANGEMENTS				
156	PVC ITEMS FINOLEX (OR) EQUIVALANT (WITH ISI MONOGRAM)				
1	PVC Pipes				
a	15 mm Dia	RM	--	--	12.00
b	20 mm Dia	RM	--	--	18.00
c	25 mm Dia	RM	--	--	30.00
d	32 mm Dia	RM	--	--	45.00
e	40 mm Dia	RM	--	--	70.00
f	50 mm Dia	RM	45.00	70.00	105.00
g	63 mm Dia	RM	65.00	95.00	--
h	75 mm Dia	RM	90.00	135.00	--
i	90 mm Dia	RM	105.00	160.00	--
j	110 mm Dia	RM	140.00	210.00	--
l	160 mm Dia	RM	290.00	410.00	--
Note	(1) For Rainwater down fall pipe works, only PVC Pipe of working Pressure of 4 kg. per sq.cm. shall be adopted.				
	(2) For Sanitary arrangement Items of works, only PVC Pipe of working Pressure of 6 kg. per sq.cm. shall be adopted.				
	(3) For Water Supply arrangement Items of works, only PVC Pipe of working Pressure of 10 kg. per sq.cm. shall be adopted.				
157	PVC Specials for water supply arrangements				
A	Coupler				
a	15 mm Dia	Each	--	--	3.00
b	20 mm Dia	Each	--	--	3.50
c	25 mm Dia	Each	--	--	4.00
d	32 mm Dia	Each	--	--	5.00
e	40 mm Dia	Each	--	--	7.50
f	50 mm Dia	Each	--	--	10.00
B	Elbow				
a	15 mm Dia	Each	--	--	4.50
b	20 mm Dia	Each	--	--	5.00
c	25 mm Dia	Each	--	--	7.00

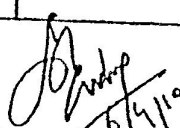
Sl. No.	Description of Materials	Unit	Rate approved for the year 2010-2011		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
d	32 mm Dia	Each	--	--	10.00
e	40 mm Dia	Each	--	--	14.00
f	50 mm Dia	Each	--	--	20.00
C	BEND				
a	15 mm Dia	Each	--	--	5.00
b	20 mm Dia	Each	--	--	6.00
c	25 mm Dia	Each	--	--	8.00
d	32 mm Dia	Each	--	--	12.00
e	40 mm Dia	Each	--	--	16.00
f	50 mm Dia	Each	--	--	25.00
D	Tee				
a	15 mm Dia	Each	--	--	6.00
b	20 mm Dia	Each	--	--	7.00
c	25 mm Dia	Each	--	--	10.00
d	32 mm Dia	Each	--	--	12.00
e	40 mm Dia	Each	--	--	20.00
f	50 mm Dia	Each	--	--	30.00
E	End Cap				
a	15 mm Dia	Each	--	--	3.00
b	20 mm Dia	Each	--	--	4.00
c	25 mm Dia	Each	--	--	5.00
d	32 mm Dia	Each	--	--	6.00
e	40 mm Dia	Each	--	--	9.50
f	50 mm Dia	Each	--	--	13.00
F	Reducer				
a	20 mm x 15 mm	Each	--	--	4.00
b	25 mm x 20 mm	Each	--	--	4.50
c	32 mm x 25 mm	Each	--	--	7.00
d	40 mm x 32 mm	Each	--	--	9.50
e	50 mm x 40 mm	Each	--	--	16.00
G	Reducer Tee				
a	20 mm x 15 mm	Each	--	--	6.00
b	25 mm x 20 mm	Each	--	--	7.00
c	32 mm x 25 mm	Each	--	--	10.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2010-2011		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
d	40 mm x 32 mm	Each	--	--	12.00
e	50 mm x 40 mm	Each	--	--	20.00
H	Reducer Elbow				
a	20 mm x 15 mm	Each	--	--	5.00
b	25 mm x 20 mm	Each	--	--	6.00
c	32 mm x 25 mm	Each	--	--	8.00
d	40 mm x 32 mm	Each	--	--	10.00
e	50 mm x 40 mm	Each	--	--	15.00
J	Jet Nipple				
a	25 mm Dia	Each	--	--	13.00
b	32 mm Dia	Each	--	--	17.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2010-2011	
			"O" Ring Jointing	By pasting
158	PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)			
A	Elbow			
a	75 mm	Each	55.00	45.00
b	90 mm	Each	70.00	55.00
c	110 mm	Each	85.00	70.00
d	160 mm	Each	95.00	80.00
B	Door Elbow			
a	75 mm	Each	70.00	50.00
b	90 mm	Each	90.00	60.00
c	110 mm	Each	110.00	95.00
d	160 mm	Each	130.00	110.00
C	Tee			
a	75 mm	Each	75.00	70.00
b	90 mm	Each	95.00	85.00
c	110 mm	Each	125.00	115.00
d	160 mm	Each	140.00	125.00
D	Tee with Door (Single)			
a	75 mm	Each	95.00	90.00
b	90 mm	Each	115.00	100.00
c	110 mm	Each	145.00	135.00
d	160 mm	Each	175.00	160.00
E	Tee with Door (Double)			
a	75 mm	Each	120.00	115.00
b	90 mm	Each	165.00	150.00
c	110 mm	Each	200.00	190.00
d	160 mm	Each	230.00	205.00
F	Bend			
a	75 mm	Each	60.00	50.00
b	90 mm	Each	75.00	60.00
c	110 mm	Each	90.00	75.00
d	160 mm	Each	100.00	85.00
G	"Y"			
a	75 mm	Each	80.00	75.00
b	90 mm	Each	100.00	90.00
c	110 mm	Each	130.00	120.00
d	160 mm	Each	145.00	130.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2010-2011	
			"O" Ring Jointing	By pasting
H	"Y" with Door (single)			
a	75 mm	Each	95.00	90.00
b	90 mm	Each	120.00	105.00
c	110 mm	Each	160.00	140.00
d	160 mm	Each	185.00	165.00
I	"Y" with Door (Double)			
a	75 mm	Each	130.00	125.00
b	90 mm	Each	175.00	160.00
c	110 mm	Each	210.00	200.00
d	160 mm	Each	255.00	230.00
J	Double Tee with Door (Single)			
a	75 mm	Each	165.00	135.00
b	90 mm	Each	190.00	155.00
c	110 mm	Each	215.00	195.00
d	160 mm	Each	250.00	220.00
K	Double "Y" with Door (single)			
a	75 mm	Each	180.00	150.00
b	90 mm	Each	200.00	170.00
c	110 mm	Each	230.00	215.00
d	160 mm	Each	280.00	250.00
L	Reducer			
a	75 mm x 63 mm	Each	55.00	45.00
b	110 mm x 63 mm	Each	70.00	60.00
c	110 mm x 75 mm	Each	80.00	70.00
d	110 mm x 90 mm	Each	90.00	80.00
f	160 mm x 110 mm	Each	105.00	100.00
M	Shoe			
a	110 mm dia	Each	--	60.00
b	160 mm dia	Each	--	90.00
N	Vent Cowl			
a	50 mm dia	Each	--	25.00
b	75 mm dia	Each	--	40.00
c	110 mm dia	Each	--	60.00
159	PVC AND HDPE PIPES FOR BORE WELLS			
A	Special Blue Pipes for Bore Well			
a	110 mm dia	RM	--	240.00
b	125 mm dia	RM	--	270.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2010-2011	
			"O" Ring Jointing	By pasting
c	140 mm dia	RM	--	310.00
d	160 mm dia	RM	--	350.00
B	Special Blue Slotted Pipes for Bore Wells			
a	110 mm dia	RM	--	250.00
b	125 mm dia	RM	--	285.00
c	140 mm dia	RM	--	330.00
d	160 mm dia	RM	--	400.00
C	End Cap for Bore Well			
a	110 mm dia	Each	--	75.00
b	125 mm dia	Each	--	80.00
c	140 mm dia	Each	--	90.00
d	160 mm dia	Each	--	100.00
D	HDPE PIPES FOR SUB-MERSIBLE PUMP IN BORE WELL Class-5 1 MPa or 10 kg. / cm² pressure)			
a	20 mm dia	RM	--	25.00
b	25 mm dia	RM	--	45.00
c	32 mm dia	RM	--	60.00
d	40 mm dia	RM	--	85.00
e	50 mm dia	RM	--	120.00
	OTHER ITEMS :			
160	PVC screw down tap heavy type 20 mm dia	Each	--	65.00
161	PVC screw down tap heavy type 15 mm dia	Each	--	50.00
162	PVC Adhesive (solution)	100 gm	--	30.00
163	PVC low level flushing tank with all Internal fittings - (wall mounting type)			
a	White - 10 litre capacity	Set	--	750.00
b	White - 7.5 litre capacity	Set	--	575.00
c	Colour - 10 litre capacity	Set	--	850.00
d	Colour - 7.5 litre capacity	Set	--	675.00
164	PVC Water Tank	Litre	--	7.50


 Engineer-In-Chief, WRO &
 Chief Engineer (General),
 PWD., Chennai-5.

RATES OF ELECTRICAL ITEMS OF WORKS

Note: No extra on cost, no conveyance charges shall be allowed for all the items included under this category.
The rates approved therein are applicable at site of work.

Item No.	Details	Per	Rate approved for the year 2010-11
	RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.		
	PART - A		
1	INCANDESCENT BULBS 230V / 250V GRADE B.C / E.S WITH ISI		
	a 15 Watts	Each	10.00
	b 25 Watts	Each	10.00
	c 40 Watts	Each	10.00
	d 60 Watts	Each	10.00
	e 100 Watts	Each	10.00
	f 200 Watts	Each	20.00
2	INCANDESCENT BULB 230V/250V GRADE B.C/E.S		
	Colour 15 Watts	Each	12.50
3	Blended Lamp 160 Watts	Each	242.00
3a	PLLAMP (PHILIPS / OSRAM)		
	a 9 Watts	Each	75.00
	b 11 Watts	Each	80.00
	c 18 Watts	Each	126.00
	d 36 Watts	Each	140.00
4	FLUORESCENT TUBULAR LAMPS WITH ISI MARK.		
	a Cool Day light 2 Ft.20 Watts	Each	38.00
	b Cool Day light 4 Ft.40 Watts	Each	38.00
	c Cool Day light 4 Ft.36 Watts	Each	37.00
5	MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC		
	a 80 Watts	Each	174.00
	b 125 Watts	Each	182.00
	c 250 Watts	Each	444.00

Item No.		Details	Per	Rate approved for the year 2010-11
	d	400 Watts	Each	626.00
6		BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK.		
	a	4. Ft 40 Watts with ballast.	Each	306.00
	b	4 Ft. 40 Watts Box type with Ballast. (Phillips / Crompton / Wipro)	Each	450.00
7		BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK.		
	a	4 Ft. 40 Watts	Each	575.00
	b	4 Ft. 40 Watts Box type of (Phillips / Crompton) with Ballast.	Each	750.00
8		INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W		
	a	Single type suitable for 1 No. tube	Each	850.00
	b	Twin type suitable for 2 Nos. tube	Each	1050.00
9		DECORATIVE AND SINGLE FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR (HPF) COMPLETE SUITABLE FOR ONE NUMBER FLUORESCENT TUBE WITH ISI MARK		
	a	4 Ft. 40 Watts with Perspex		Deleted
10		DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR COMPLETE SUITABLE FOR 2 NOS. FLUORESCENT TUBES		
	a	4' 40 W Twin Mirror optic Recessed mounting fitting.	Each	1459.00
	b	4' 40 W Twin Mirror optic Suspension type fitting. (Phillips / Crompton / Wipro)	Each	2630.00
	c	4' 40 W Twin Mirror optic Recessed mounting type Phillips / Crompton / Wipro.	Each	1930.00
11		SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE NO. FLUORESCENT TUBE WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a	4 Ft. 40 Watts type	Each	642.00
12		TWIN TYPE STREET LIGHTS FLUORESCENT FITTING SUITABLE FOR 2 NOS. FLUORESCENT TUBES WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a	4 Ft. 40 Watts type	Each	864.00

Item No.	Details	Per	Rate approved for the year 2010-11
13	POST TOP LANTERN FITTING OF (INTEGRAL TYPE WITH COPPER CHOKE & CONDENSOR & NECESSARY ACCESSORIES (PHILIPS / CROMPTON GREAVES / WIPRO) (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)		
	a Sutable for 125 Watts M.V. Lamp	Each	3100.00
	b Sutable for 70 Watts S.V. Lamp	Each	3267.00
	c Post top lantern fitting with S.C. holder suitable for 160W blended lamp / Incandescent lamp	Each	1790.00
14	STARTERS FOR FLUORESCENT TUBES		
	a Starters of capacity 20 Watts	Each	10.00
	b Starters of capacity 40 Watts	Each	10.00
15	POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR (Phillips / Crompton / Wipro)		
	a 20 Watts fluorescent tube	Each	170.00
	b 40 Watts fluorescent tube	Each	170.00
	c 36 / 40W Electronic ballast for flu. Tube (Phillips / Crompton)	Each	295.00
	d 36 / 40W Electronic ballast for flu. Tube (Indo Asean / Equivalent)	Each	240.00
16	CONDENSOR FOR S.V. / M.V. LAMP		
	a 8 Mfd for 80 Watts Bulb	Each	113.00
	b 10 Mfd for 125 Watts Bulb	Each	135.00
	c 15 Mfd for 250 Watts Bulb	Each	180.00
	d 20 Mfd for 400 Watts Bulb	Each	248.00
17	Battern type Bakelite Holder for lamp	Each	18.00
18	Water tight bulk head fitting suitable for 100 / 60 Watts lamp with guard heavy type (PHILIPS / BAJAJ / CROMPTON GREAVES)	Each	300.00
19	Ceiling Rose	Each	15.00
20	a Ceiling fixtures 250 / 300 mm complete with Gallery etc. Clear glass opac / crystal suitable for 40 / 60 Watts Bulb.	Each	178.00
	b. Ceiling luminaire with mirror optics suitable for 2 Nos. 9 watts / 11 watts (Phillips / Crompton / Bajar)	Each	1120.00
	(For Items 6 to 13, 20 & 22, the rates are exclusive of cost of tubes and lamps)		

Item No.	Details	Per	Rate approved for the year 2010-11
21	Fan clamp (dia 12mm) with 6mm MS side plates & 45 cm cross arm	Each	120.00
22	CALL BELLS		
a	Call bell / Buzzer 6 mm suitable for AC / DC	Each	45.00
b	Push bell	Each	18.00
c	Gong bell 9" size suitable for 250V	Each	450.00
d	Gong bell 12" size suitable for 250V	Each	650.00
23	WATER HEATER WITH I.S.I MARK		
a	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W	Each	5000.00
b	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Venus / Racold)	Each	6750.00
c	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W	Each	5800.00
d	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Venus / Racold)	Each	7760.00
	PART "B"		
I	FANS - CONFORMING TO ISS 374 / 1979.		
a	A.C Ceiling fan complete 1200 mm (48") sweep with 300mm Down rod. (without regulator)	Each	1150.00
b	A.C Ceiling fan complete 1400 mm (56") sweep with 300mm Down rod. (without regulator)	Each	1230.00
c	Stepped electronic 300W / 450W square type fan regulator (Anchor Deluxe / Equivalent)	Each	195.00
d	Dimmer type electronic 300W / 450W square type fan regulator (Anchor Deluxe / Equivalent)	Each	156.00
e	A.C. Ceiling fan complete 1200mm (48") sweep with 300mm Down rod (without regulator) (Crompton make)	Each	1300.00
f	A.C. Ceiling fan complete 1400mm (56") sweep with 300mm Down rod (without regulator) (Crompton make)	Each	1400.00
II	EXHAUST FANS		
a	A.C Exhaust Fan 225mm (9") sweep (Light duty)	Each	1059.00

Item No.	Details	Per	Rate approved for the year 2010-11
b	A.C Exhaust Fan 300mm (12") sweep (Light duty)	Each	1210.00
c	A.C Exhaust Fan 375mm (15") sweep (Light duty)	Each	1250.00
d	A.C Exhaust Fan 450mm (18") sweep (Light duty)	Each	1760.00
e	A.C Exhaust Fan 375mm (15") sweep (Heavy duty)	Each	2300.00
f	A.C Exhaust Fan 450mm (18") sweep (Heavy duty)	Each	2860.00
III	LOUVER SHUTTERS ARRANGEMENTS		
a	M.S / Fibre Louvers shutters arrangements for 300 mm A.C Exhaust Fan.	Each	240.00
b	M.S / Fibre Louvers shutters arrangements for 375 mm A.C Exhaust Fan.	Each	255.00
c	M.S / Fibre Louvers shutters arrangements for 450 mm A.C Exhaust Fan.	Each	285.00
	PART "C"		
I	SWITCHES		
a	5 Amps (flush type)	Dozen	185.00
b	5 Amps (Flush type staircase)	Dozen	230.00
II	DOUBLE POLE SWITCHES (GEM / HPL / HAVELLS / EQUIVALENT)		
a	16 Amps DP switch with metal clad (Front handle)	Each	413.00
b	32 Amps DP switch with metal clad (Front handle)	Each	850.00
c	16 Amps DP switch with metal clad (side handle).	Each	342.00
d	32 Amps DP switch with metal clad (side handle)	Each	770.00
III	A TRIPLE POLE SWITCHES (side Handle) (Standard / HPL / Havell's / Equivalent)		
a	100 Amps TPN Switch with HRC fuses sheet steel double break	Each	5800.00
b	125 Amps TPN Switch with HRC fuses sheet steel double break	Each	6354.00
c	200 Amps TPN Switch with HRC fuses sheet steel double break	Each	8200.00
d	315 Amps TPN Switch with HRC fuses sheet steel double break	Each	11709.00
e	400 Amps TPN Switch with HRC fuses sheet steel double break	Each	15000.00
f	16 Amps TPN Metal clad switch with rewirable fuse units.	Each	880.00

Item No.	Details	Per	Rate approved for the year 2010-11
g	32 Amps TPN Metal clad switch with rewirable fuse units.	Each	1300.00
h	63 Amps TPN Metal clad switch with rewirable fuse units.	Each	2840.00
i	100 Amps Metal clad switch with rewirable fuse units.	Each	5580.00
j	200 Amps metal clad switch with rewirable fuse units.	Each	8450.00
IV	A	SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF) (L & T / SIEMENS)	
1	63A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	3590.00
2	100A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	6020.00
3	125A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	7122.00
4	200A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	8945.00
5	250A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	11138.00
6	315A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	13370.00
7	400A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	15370.00
IV	B	SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL) (L & T / SIEMENS)	
1	63A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	2380.00
2	100A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	4308.00
3	125A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	5875.00
4	200A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	7580.00
5	250A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	9900.00
6	315A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	12420.00
7	400A TPN switch disconnecter fuse units Interior only with HRC fuses Double break.	Each	14680.00
V		FUSE UNITS (Anchor / Equivalent)	
a	16 Amps Porcelain Fuse unit (500V)	Each	48.00

Item No.	Details	Per	Rate approved for the year 2010-11
b	32 Amps Porcelain Fuse unit (500V)	Each	85.00
c	63 Amps Porcelain Fuse unit (500V)	Each	190.00
d	100 Amps Porcelain Fuse unit (500V)	Each	340.00
e	200 Amps Porcelain Fuse unit (500V)	Each	550.00
VI	SINGLE PHASE DBS (GEM / Equivalent)		
a	4 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	480.00
b	6 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	655.00
c	8 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	810.00
VII	THREE PHASE DBS (GEM / Equivalent)		
a	4 Way TPDB 16A / Way with fuse & Neutral link	Each	1900.00
b	6 Way TPDB 16A / Way with fuse & Neutral link	Each	2600.00
c	8 Way TPDB 16A / Way with fuse & Neutral link	Each	3150.00
d	4 Way TPDB 32A / Way with fuse & Neutral link	Each	2400.00
e	6 Way TPDB 32A / Way with fuse & Neutral link	Each	3200.00
f	8 Way TPDB 32A / Way with fuse & Neutral link	Each	4050.00
g	4 Way TPDB 63A / Way with fuse & Neutral link	Each	5594.00
h	6 Way TPDB 63A / Way with fuse & Neutral link	Each	7200.00
VIII	CHANGE OVER SWITCHES (GEM / HAVELL'S / HPL / STANDARD / EQUIVALENT)		
a	16 Amps three phase 500V 4 pole Change over switch	Each	1250.00
b	32 Amps three phase 500V 4 pole Change over switch	Each	1480.00
c	63 Amps three phase 500V 4 pole Change over switch	Each	3220.00
d	100 Amps three phase 500V 4 pole Change over switch	Each	5130.00
e	200 Amps three phase 500V 4 pole Change over switch	Each	9657.00
	PART "D"		
I	a 5 Amps 3 pin & 2 pin combined flush type wall socket only.	Each	24.00
	b 5 Amps / 15 Amps 3 pin flush type wall socket only.	Each	54.00
	c 5 Amps 3 pin Top	Each	34.00

Item No.		Details	Per	Rate approved for the year 2010-11
	d	15 Amps 3 pin Top	Each	48.00
	e	15 Amps Flush type switch	Each	56.00
	f	10 Amps M.C plug with 3 pin top	Each	180.00
	g	20 Amps M.C plug with 3 pin top	Each	205.00
II	A	SINGLE PHASE WATT HOUR METERS (HPL / Equivalent)		
	a	A.C single phase 230V / 250V / 50 HZ 5 Amps Watt Hour Meter.	Each	954.00
	b	A.C single phase 230V / 250V / 50 HZ 10 Amps Watt Hour Meter.	Each	954.00
	c	A.C single phase 230V / 250V / 50 HZ 20 Amps Watt Hour Meter.	Each	954.00
II	B	THREE PHASE WATT HOUR METERS (Anchor / Equivalent)		
	a	A.C 3 phase 400V 50HZ unbalanced load 4 wire 10 Amps watt hour meter.	Each	1975.00
	b	A.C 3 phase 400V 50HZ unbalanced load 4 wire 25 Amps watt hour meter	Each	1975.00
	c	A.C 3 phase 400V 50HZ unbalanced load 4 wire 50 Amps watt hour meter	Each	2500.00
		PART "E"		
I		SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK.		
	a	2 Core 6 sq.mm PVC armoured UG cable	Metre	84.50
	b	2 Core 10 sq.mm PVC armoured UG cable	Metre	103.50
	c	2 Core 16 sq.mm PVC armoured UG cable	Metre	111.60
	d	2 Core 25 sq.mm PVC armoured UG cable	Metre	126.70
	e	3 $\frac{1}{2}$ Core 25 sq.mm PVC armoured UG cable	Metre	191.20
	f	3 $\frac{1}{2}$ Core 35 sq.mm PVC armoured UG cable	Metre	225.00
	g	3 $\frac{1}{2}$ Core 50 sq.mm PVC armoured UG cable	Metre	293.90
	h	3 $\frac{1}{2}$ Core 70 sq.mm PVC armoured UG cable	Metre	375.30
	i	3 $\frac{1}{2}$ Core 95 sq.mm PVC armoured UG cable	Metre	486.10
	j	3 $\frac{1}{2}$ Core 120 sq.mm PVC armoured UG cable	Metre	595.40
	k	3 $\frac{1}{2}$ Core 150 sq.mm PVC armoured UG cable	Metre	703.00

Item No.		Details	Per	Rate approved for the year 2010-11
	I			
		3 ¹ / ₂ Core 185 sq.mm PVC armoured UG cable	Metre	861.00
	m	3 ¹ / ₂ Core 240 sq.mm PVC armoured UG cable	Metre	1094.20
	n	3 ¹ / ₂ Core 300 sq.mm PVC armoured UG cable	Metre	1336.70
	o	3 ¹ / ₂ Core 400 sq.mm PVC armoured UG cable	Metre	1712.80
	p	4 Core 6 sq.mm PVC armoured UG cable	Metre	109.80
	q	4 Core 10 sq.mm PVC armoured UG cable	Metre	120.40
	r	4 Core 16 sq.mm PVC armoured UG cable	Metre	158.20
	II	PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS:694/1990.		
	a	14 / 0.3 (1.0 sq.mm.)	Metre	7.80
	b	22 / 0.3 (1.5 sq.mm.)	Metre	12.25
	c	36 / 0.3 (2.5 sq.mm.)	Metre	19.00
	d	56 / 0.3 (4 sq.mm.)	Metre	30.00
	e	84 / 0.3 (6 sq.mm.)	Metre	44.40
	f	140 / 0.3 (10 sq.mm.)	Metre	66.60
	g	101 / 0.45 (16 sq.mm.)	Metre	109.10
	h	168 / 0.45 (25 sq.mm.)	Metre	240.00
	III	CONDUCTOR		
	a	Hard drawn copper conductor (Gauge No. 8&6)	KG	450.00
	b	14 SWG TC wire	KG	460.00
	c	G.I.No.8 wire and No. 6 wire	KG	80.00
	IV	CABLE GLANDS		
	a	Cable gland suitable for 2 core 4sq.mm UG cable.	Each	17.00
	b	Cable gland suitable for 2 core 6 sq.mm UG cable.	Each	21.00
	c	Cable gland suitable for 2 core 10 sq.mm UG cable.	Each	25.00
	d	Cable gland suitable for 2 core 16 sq.mm UG cable.	Each	37.00
	e	Cable gland suitable for 2 core 25 sq.mm UG cable.	Each	44.00
	f	Cable gland suitable for 3 ¹ / ₂ core 25 sq.mm UG cable.	Each	44.00
	g	Cable gland suitable for 3 ¹ / ₂ core 35 sq.mm UG cable.	Each	56.00
	h	Cable gland suitable for 3 ¹ / ₂ core 50 sq.mm UG cable.	Each	56.00

Item No.	Details	Per	Rate approved for the year 2010-11	
I	Cable gland suitable for 3 ¹ / ₂ core 70 sq.mm UG cable.	Each	69.00	
J	Cable gland suitable for 3 ¹ / ₂ core 95 sq.mm UG cable.	Each	84.00	
K	Cable gland suitable for 3 ¹ / ₂ core 120 sq.mm UG cable	Each	107.00	
L	Cable gland suitable for 3 ¹ / ₂ core 150 sq.mm UG cable	Each	141.00	
M	Cable gland suitable for 3 ¹ / ₂ core 185 sq.mm UG cable	Each	167.00	
N	Cable gland suitable for 3 ¹ / ₂ core 240 sq.mm UG cable	Each	167.00	
O	Cable gland suitable for 3 ¹ / ₂ core 300 sq.mm UG cable	Each	200.00	
P	Cable gland suitable for 3 ¹ / ₂ core 400 sq.mm UG cable	Each	285.00	
Q	Cable gland suitable for 3 ¹ / ₂ core 500 sq.mm UG cable	Each	332.00	
R	Cable gland suitable for 4 core 6 sq.mm UG cable	Each	21.00	
S	Cable gland suitable for 4 core 10 sq.mm UG cable.	Each	25.00	
T	Cable gland suitable for 4 core 25 sq.mm UG cable.	Each	44.00	
V	FUSE WIRE (COPPER)			
a	5 Amps fuse wire	KG	450.00	
b	10 Amps fuse wire	KG	450.00	
c	20 Amps fuse wire	KG	450.00	
VI	NEUTRAL LINK 15 AMPS			
a	4 Way Neutral link	Each	23.00	
b	6 Way Neutral link	Each	34.15	
c	8 Way Neutral link	Each	42.50	
d	12 Way Neutral link	Each	61.65	
	PART "F"			
	M.S.BOX WITH PAINTING (16 SWG)			
a	M.S.Box of size (100 x 100 x 75 mm)	Each	44.00	
b	M.S.Box of size (150 x 100 x 75 mm)	Each	61.00	
c	M.S.Box of size (200 x 150 x 75 mm)	Each	99.00	
d	M.S. Box complete with Lock & Key arrangements with painting of size (300 x 200 x 100mm)	Each	300.00	
	PART "G"			
	MS ANGLES			
I	a	1 ¹ / ₂ "x1 ¹ / ₂ "x1/4" (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	42.00

Item No.	Details	Per	Rate approved for the year 2010-11
b	1 1/2" x 1 1/2" x 1/2" (37.5 x 37.5 x 12.5mm)	KG	42.00
c	2" x 2" x 1/2" (50 x 50 x 12.5mm)	KG	42.00
II	ALUMINIUM FLAT		
a	Aluminium Flat (1" x 1/4") (25 x 6.25mm)	KG	175.00
b	Aluminium Flat (1" x 1/8")	KG	175.00
III	COPPER FLAT		
a	Copper Flat (25 x 3mm)	KG	450.00
b	Copper Flat (25 x 6mm)	KG	450.00
c	Copper Flat (33 x 6mm)	KG	450.00
d	Copper Flat (50 x 6mm)	KG	450.00
IV	POWER CAPACITOR		
a	Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415 / 440V 50 HZ conforming to ISS:2384 with ISI marking.	KVAR	330.00
	PART "II"		
I	CONDUIT MATERIALS 16 GAUGE.		
a	Conduit pipe 16mm (5/8") Heavy Gauge	Metre	30.00
b	Conduit pipe 19mm (3/4") Heavy Gauge	Metre	31.00
c	Conduit pipe 25mm (1") Heavy Gauge	Metre	38.00
d	Conduit pipe 32mm (1 1/4") Heavy Gauge	Metre	50.00
e	Conduit pipe 38mm (1 1/2") Heavy Gauge	Metre	59.00
II	CONDUIT TEE BENDS		
a	Conduit Tee bends 16mm (5/8")	Dozen	85.00
b	Conduit Tee bends 19mm (3/4")	Dozen	86.00
c	Conduit Tee bends 25mm (1")	Dozen	102.00
d	Conduit Tee bends 32mm (1 1/4")	Dozen	106.00
e	Conduit Tee bends 38mm (1 1/2")	Dozen	133.00
f	Conduit Tee bends 50mm (2")	Dozen	165.00
III	CONDUIT BENDS - 16 GAUGE		
a	Conduit solit bends 16mm (5/8")	Dozen	80.00
b	Conduit solit bends 19mm (3/4")	Dozen	90.00

Item No.	Details	Por	Rate approved for the year 2010-11
c	Conduit solit bends 25mm (1")	Dozen	105.00
d	Conduit solit bends 32mm (1 $\frac{1}{4}$ ")	Dozen	124.00
e	Conduit solit bends 38mm (1 $\frac{1}{2}$ ")	Dozen	176.00
f	Conduit solit bends 50mm (2")	Dozen	215.00
IV	CONDUIT INSPECTION BEND-16 GAUGE		
a	Conduit Inspection bends 16mm (5/8")	Dozen	80.00
b	Conduit Inspection bends 19mm (3/4")	Dozen	83.00
c	Conduit Inspection bends 25mm (1")	Dozen	106.00
d	Conduit Inspection bends 32mm (1 $\frac{1}{4}$ ")	Dozen	128.00
e	Conduit Inspection bends 38mm (1 $\frac{1}{2}$ ")	Dozen	165.00
f	Conduit Inspection bends 50mm (2")	Dozen	187.00
g	Conduit Inspection bends 65mm (2 $\frac{1}{2}$ ")	Dozen	240.00
	PART "I"		
I	P.V.C.(RIGID) PIPES (1.8MM THICK) WITH ISI		
a	P.V.C. rigid pipes 16mm (5/8")	Metre	13.00
b	P.V.C. rigid pipes 20mm (3/4")	Metre	18.65
c	P.V.C. rigid pipes 25mm (1")	Metre	27.55
d	P.V.C. rigid pipes 32mm (1 $\frac{1}{4}$ ")	Metre	41.80
e	P.V.C. rigid pipes 40mm (1 $\frac{1}{2}$ ")	Metre	59.35
f	P.V.C. rigid pipes 50mm (2")	Metre	89.00
II	P.V.C. RIGID BENDS		
a	P.V.C. rigid bends 16mm (5/8")	Each	3.00
b	P.V.C. rigid bends 20mm (3/4")	Each	3.00
c	P.V.C. rigid bends 25mm (1")	Each	4.10
d	P.V.C. rigid bends 32mm (1 $\frac{1}{4}$ ")	Each	7.25
e	P.V.C. rigid bends 40mm (1 $\frac{1}{2}$ ")	Each	18.00
f	P.V.C. rigid bends 50mm (2")	Each	22.00
III	P.V.C COUPLES		
a	P.V.C Couples 16mm (5/8")	Dozen	13.00
b	P.V.C Couples 19mm (3/4")	Dozen	13.00

Item No.	Details	Per	Rate approved for the year 2010-11
c	P.V.C Couples 25mm (1")	Dozen	25.00
d	P.V.C Couples 32mm (1 ¹ / ₄ ")	Dozen	57.00
e	P.V.C Couples 38mm (1 ¹ / ₂ ")	Dozen	123.00
f	P.V.C Couples 50mm (2")	Dozen	129.00
IV	P.V.C. TEES		
a	P.V.C. Tees 16mm (5/8")	Dozen	13.00
b	P.V.C. Tees 19mm (3/4")	Dozen	15.00
c	P.V.C. Tees 25mm (1")	Dozen	19.00
d	P.V.C. Tees 32mm (1 ¹ / ₄ ")	Dozen	85.00
e	P.V.C. Tees 38mm (1 ¹ / ₂ ")	Dozen	274.00
f	P.V.C. Tees 50mm (2")	Dozen	300.00
V	P.V.C. SADDLES	Dozen	
a	P.V.C. Saddles 16mm (5/8")	Dozen	3.00
b	P.V.C. Saddles 19mm (3/4")	Dozen	3.50
c	P.V.C. Saddles 25mm (1")	Dozen	4.00
d	P.V.C. Saddles 32mm (1 ¹ / ₄ ")	Dozen	5.00
e	P.V.C. Saddles 38mm (1 ¹ / ₂ ")	Dozen	6.00
f	P.V.C. Saddles 50mm (2")		12.00
VI	P.V.C. JUNCTION BOXES		
a	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	40.00
b	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	40.00
c	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	47.00
d	Junction Boxes 1, 2, 3 & 4 way 32mm (1 ¹ / ₄ ")	Dozen	105.00
e	Junction Boxes 1, 2, 3 & 4 way 38mm (1 ¹ / ₂ ")	Dozen	125.00
VII	P.V.C. HYLEM SHEETS		
a	Hylem sheet 3mm Thick	Sq.m	610.00
VIII	INSULATION TAPE P.V.C		
a	PVC Insulation Tape (19mm)	Roll/10mt	15.00
b	Empire Tape (12mm)	Roll/10mt	20.00
c	Empire Tape (19mm)	Roll/10mt	24.00

Item No.	Details	Per	Rate approved for the year 2010-11	
	PART "J"			
	TEAK WOOD MATERIALS			
I	T.W. BOX CONCEALED TYPE			
a	T.W. Box concealed type 12" x 8" x 3"	Each	75.00	
b	T.W. Box concealed type 8" x 6" x 3"	Each	40.00	
c	T.W. Box concealed type 6" x 4" x 3"	Each	18.00	
d	T.W. Box concealed type 4" x 4" x 3"	Each	15.00	
e	T.W. Plugs 1 1/2" x 1" x 2"	1000 Nos.	310.00	
f	T.W. Round blocks	100 Nos.	600.00	
	PART "K"			
I	CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES			
	Size		Aluminium	Copper
a	4.0 Sq.mm	Each	1.40	4.00
b	6.0 Sq.mm	Each	1.60	4.00
c	10.0 Sq.mm	Each	2.00	5.00
d	16.0 Sq.mm	Each	2.00	6.00
e	25.0 Sq.mm	Each	3.00	10.00
f	35.0 Sq.mm	Each	4.00	11.00
g	50.0 Sq.mm	Each	6.00	13.00
h	70.0 Sq.mm	Each	8.00	21.00
j	95.0 Sq.mm	Each	9.00	26.00
j	120.0 Sq.mm	Each	12.00	36.00
k	150.0 Sq.mm	Each	16.00	46.00
l	185.0 Sq.mm	Each	21.00	70.00
m	225.0 Sq.mm	Each	31.00	100.00
n	240.0 Sq.mm	Each	34.00	100.00
o	300.0 Sq.mm	Each	47.00	135.00
p	400.0 Sq.mm	Each	70.00	205.00
II	CABLE ROUTE INDICATOR			
a	Cable route indicator for L.T. Cable	Each Box	70.00	

Item No.		Details	Per	Rate approved for the year 2010-11
	b	Cable route Indicator for H.T. Cable	Each Box	70.00
		PART "L"		
I		BRASS SCREWS		
	a	Brass Screws (20mm) 3/4" No.6	Gross	65.00
	b	Brass Screws (25mm) 1" No.6	Gross	70.00
	c	Brass Screws (40mm) 1 1/2" No.6	Gross	75.00
	d	Brass Screws (20mm) 3/4" No.8	Gross	65.00
	e	Brass Screws (25mm) 1" No.8	Gross	70.00
	f	Brass Screws (50mm) 2" No.10	Gross	145.00
	g	Brass Screws (75mm) 3" No.10	Gross	215.00
II		Coach screws 2" x 1/4" (50 x 6.25mm)	Dozen	13.00
III		CONDUIT SADDLES		
	a	Conduit Saddles 16mm (5/8")	Gross	40.00
	b	Conduit Saddles 19mm (3/4")	Gross	42.50
	c	Conduit Saddles 25mm (1")	Gross	50.00
	d	Conduit Saddles 32mm (1 1/4")	Gross	65.00
	e	Conduit Saddles 38mm (1 1/2")	Gross	80.00
	f	Conduit Saddles 50mm (2")	Gross	90.00
	g	Conduit Saddles 65mm (2 1/2")	Gross	103.00
IV	A	SODIUM VAPOUR FITTINGS & LAMP (for External electrification & campus lighting)		
	a	250 Watts Sodium Vapour fittings	Each	3180.00
	b	250 Watts Sodium Vapour Lamp	Each	700.00
	c	150 Watts Sodium Vapour fittings	Each	3130.00
	d	150 Watts Sodium Vapour Lamp	Each	600.00
	e	70 Watts Sodium Vapour fittings	Each	2525.00
	f	70 Watts Sodium Vapour Lamp	Each	400.00
V	B	SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (PHILIPS / CROMPTON GREAVES / WIPRO / BAJAJ)		
	a	400 Watts Sodium Vapour fittings	Each	9500.00

Item No.	Details	Per	Rate approved for the year 2010-11	
b	400 Watts Sodium Vapour Lamp	Each	985.00	
c	250 Watts Sodium Vapour fittings	Each	6450.00	
d	250 Watts Sodium Vapour lamp	Each	800.00	
e	150 Watts Sodium Vapour fittings	Each	6060.00	
f	150 Watts Sodium Vapour Lamp	Each	650.00	
g	70 Watts Sodium Vapour fittings	Each	2600.00	
h	70 Watts Sodium Vapour Lamp	Each	450.00	
VI	MINIATURE CIRCUIT BREAKERS 240 V / 415V 50 HZ - AC SUPPLY suitable for both lighting and Motor Circuits.		Legrand / Hager	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
a	Single Pole 6 A to 32A, 10KA	Each	184.00	135.00
b	Single Pole 40A, 10KA	Each	375.00	280.00
c	Single Pole & Neutral 6 A to 32A, 10KA	Each	534.00	405.00
d	Single Pole & Neutral 40A, 10KA	Each	865.00	560.00
e	Double Pole 6 A to 32A, 10KA	Each	534.00	445.00
f	Double Pole 40A, 10KA	Each	865.00	610.00
g	Triple Pole 6 A to 32A, 10KA	Each	859.00	670.00
h	Triple Pole 63A, 10KA	Each	1328.00	1080.00
I	Triple Pole & Neutral 6 A to 32A, 10KA	Each	1140.00	875.00
J	Triple Pole & Neutral 63A, 10KA	Each	1708.00	1360.00
k	Four Pole 6 A to 32A, 10KA	Each	1140.00	935.00
l	Four Pole 63A, 10KA	Each	1708.00	1440.00
VII	PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT M.C.B.S		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
a	10 A Single Pole	Each	884.00	530.00
b	20 A Single Pole	Each	949.00	535.00

Item No.		Details	Per	Rate approved for the year 2010-11	
	c	20 A Double Pole	Each	1029.00	--
	d	20 A Triple Pole	Each	1751.00	1010.00
	e	32 A Triple Pole	Each	2075.00	1370.00
	f	63 A Triple Pole	Each	8410.00	--
VIII	1	RCCB / ELCB			
	a	10 Amps 30 MA DP	Each	2497.00	1835.00
	b	25 Amps 30 MA DP	Each	2074.00	1585.00
	c	40 Amps 30 MA DP	Each	2284.00	1680.00
	2	RCCB / ELCB			
		FOUR POLE			
	a	25 Amps 30 MA	Each	2835.00	1945.00
	b	40 Amps 30 MA	Each	2873.00	1995.00
	c	63 Amps 30 MA	Each	3319.00	2275.00
IX		HRC - FUSES			
	a	16 Amps	Each	56.00	30.00
	b	32 Amps	Each	58.00	50.00
	c	63 Amps	Each	120.00	63.00
	d	125 Amps	Each	280.00	140.00
	e	160 Amps	Each	350.00	189.00
	f	200 Amps	Each	360.00	189.00
	g	250 Amps	Each	500.00	279.00
X		MCB ISOLATORS			
				Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
A	a	32A - DP	Each	282.00	--
	b	32A - TP	Each	470.00	--
	c	32A - FP	Each	538.00	--
B	a	40A - DP	Each	389.00	270.00
	b	40A - TP	Each	674.00	495.00

Item No.		Details	Per	Rate approved for the year 2010-11	
	c	40A - FP	Each	871.00	603.00
C	a	63A - DP	Each	520.00	342.00
	b	63A - TP	Each	781.00	538.00
	c	63A - FP	Each	951.00	630.00
D	a	100A - DP	Each	--	441.00
	b	100A - TP	Each	624.00	702.00
	c	100A - FP	Each	1001.00	768.00
XI		HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoings and separate 4 way provision for accommodating One No. 4 pole Incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
	I	Module type with IP 20 protection			
	a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	1674.00	1050.00
	b	6 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 18	Each	2074.00	1315.00
	c	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	2465.00	1595.00
	d	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	3667.00	2175.00
	II	TPMCB DB with metal door cover with IP 42 protection			
	a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	2261.00	1795.00
	b	6 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 18	Each	2790.00	2270.00

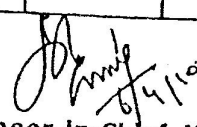
Item No.		Details	Per	Rate approved for the year 2010-11	
	c	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3342.00	2780.00
	d	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	4927.00	3764.00
	III	TPMCB DB with acrylic door cover with IP42 protection			
	a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2629.00	--
	b	6 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	3230.00	--
	c	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3850.00	--
	d	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	5866.00	--
	IV	Industrial type TPMCB DB with IP 54 protection			
	a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6364.00	--
	b	6 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	7659.00	--
	c	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	8377.00	--
	d	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	11700.00	--

Item No.	Details	Per	Rate approved for the year 2010-11	
XII	VERTICAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 8 way / 12 way vertical TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoings and separate 4 way provision for accommodating One No. 4 pole Incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
	I Module type with IP 20 protection			
	a 4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	4650.00	3390.00
	b 8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	5738.00	4525.00
	c 12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	8350.00	5525.00
	II TPMCB DB with metal door cover with IP 42 protection			
	a 4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	5397.00	4435.00
	b 8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	6833.00	5450.00
	c 12 ways 3 phase DB No. of ways Incomer MCB / Isolatore - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	9148.00	6700.00
	III TPMCB DB with acrylic door cover with IP42 protection			
	a 4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	6514.00	--
	b 8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	8278.00	--

Item No.	Details	Per	Rate approved for the year 2010-11	
c	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	11044.00	--
IV	Industrial type TPMCB DB with IP 54 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	10110.00	--
b	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	12184.00	--
c	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	16365.00	--
XIII	7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole Incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD (totally 8 ways in one segment) (3 x 4 ways in each segment) and separate provisions for MCB / Isolator (totally 12 Nos.) for sub-Incomers in 3 segments with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
I	Module type with IP 20 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 12	Each	5013.00	--
b	6 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 18	Each	5377.00	--
c	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 24	Each	5709.00	--

Item No.	Details	Per	Rate approved for the year 2010-11	
d	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 36	Each	6576.00	--
II	TPMCB DB with metal / acrylic door cover with IP 42 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 12	Each	5328.00	--
b	6 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 18	Each	6000.00	--
c	8 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 24	Each	6700.00	--
d	12 ways 3 phase DB No. of ways Incomer MCB / Isolator - 4 No. of ways Incomer ELCB / RCD - 4 No. of sub-Incomers - 12 No. of outgoing ways - 36	Each	8515.00	--
XIV	SINGLE PHASE DISTRIBUTION BOARD WITH MCBs 4 way / 8 way / 12 way vertical SPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single phase MCB outgoing and separate 2 way provision for accommodating One No. 2 pole Incoming MCB / Isolator and another separate 2 way provision for accommodating One No. 2 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
I	Module type with IP 20 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	612.00	333.00
b	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	766.00	423.00
c	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	906.00	576.00

Item No.	Details	Per	Rate approved for the year 2010-11	
II	SPMCB DB with metal door cover with IP 42 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	891.00	585.00
b	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	1113.00	795.00
c	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	1341.00	1025.00
III	SPMCB DB with acrylic door cover with IP42 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	1056.00	--
b	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	1244.00	--
c	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	1505.00	--
IV	Industrial type TPMCB DB with IP 54 protection			
a	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	2669.00	--
b	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	3135.00	--
c	4 ways 3 phase DB No. of ways Incomer MCB / Isolator - 2 No. of ways Incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	3615.00	--


 Engineer-in-Chief, WRO &
 Chief Engineer (General),
 PWD., Chennai-5.