



**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**STANDARD SCHEDULE OF RATES  
(FOR BASIC ITEMS ONLY)**

**2011-2012**

**WITH EFFECT FROM 01.07.2011**



**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &  
CHIEF ENGINEER (BUILDINGS), CHENNAI REGION &  
CHIEF ENGINEER (GENERAL), PWD., CHEPAUK, CHENNAI-5.**

**Present: Er. R. Gopalakrishnan, B.E., FIE.,  
Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer (General), PWD.**

**Proceedings No. HDO (A) / 3316 / 2011-3, dated 30.06.2011**

**Sub:** Public Works Department – **Standard Schedule of Rates for the year 2011-2012** – Approved for adoption in preparation of estimated with effect from **01.07.2011** – Approved & Communicated.

**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, letter No. HDO / Sr. DO / 64500 / SSR / 2011, dated 30.03.2011.



The Standard Schedule of Rates approved for the year 2010-2011 and communicated already in the reference 1<sup>st</sup> cited, continued upto 30.06.2011 in the reference 2<sup>nd</sup> cited, is now revised. The copy of Standard Schedule of Rates approved for the year **2011-2012** by the Schedule of Rates Committee for adoption in preparation of estimates **with effect from 01.07.2011** is herewith enclosed for taking necessary action. (Booklet containing cost of steel, cost of cement, the index, general note and Annexure-I to VII in 89 sheets).

2.0. The receipt of Standard Schedule of Rates for the year 2011-2012 along with its enclosures may be acknowledged.

*K. Chitra* 30/6/11  
for Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer (General), PWD.  
30/06/11

**To**

1. The Engineer-in-Chief, Water Resources Department, Chepauk, Chennai-5.
2. The Director General, Highways Department, Chepauk, Chennai-5.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Special Secretary to Government, Finance Department, Secretariat, Chennai-9.
5. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.



**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &  
CHIEF ENGINEER (BUILDINGS), CHENNAI REGION &  
CHIEF ENGINEER (GENERAL), PWD., CHEPAUK, CHENNAI-5.**

**Present:** **Er. R. Gopalakrishnan, B.E., FIE.,**  
**Engineer-in-Chief (Buildings) &**  
**Chief Engineer (Buildings), Chennai Region &**  
**Chief Engineer (General), PWD.**

**Proceedings No. HDO (A) / 3316 / 2011-1, dated 30.06.2011**

**Sub:** Steel - Revised rate for **STEEL** for adoption in preparation of estimates with effect from **01.07.2011** - Approved & Communicated.

**Ref:** 1. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / Sr. DO / 31257 / 2010-2, dated 06.04.2010.  
2. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, letter No. HDO / Sr. DO / 64500 / SSR / 2011, dated 30.03.2011.



The cost of **STEEL** fixed and communicated already in the reference 1<sup>st</sup> cited and continued upto 30.06.2011 in the reference 2<sup>nd</sup> cited, is now revised and fixed by the Schedule of Rates Committee, as given below for adoption in preparation of estimates **with effect from 01.07.2011.**

Steel : Rs.39,600/- per MT  
(Rupees Thirty Nine Thousand and Six Hundred only)

2.0. The above rate is inclusive of all taxes, freight charges, etc., 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.

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

*K. Chitra* 30/6/11

for Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer (General), PWD.

**To**

1. The Engineer-in-Chief, Water Resources Department, Chepauk, Chennai-5.
2. The Director General, Highways Department, Chepauk, Chennai-5.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Special Secretary to Government, Finance Department, Secretariat, Chennai-9.
5. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.



**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &  
CHIEF ENGINEER (BUILDINGS), CHENNAI REGION &  
CHIEF ENGINEER (GENERAL), PWD., CHEPAUK, CHENNAI-5.**

**Present: Er. R. Gopalakrishnan, B.E., FIE.,  
Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer (General), PWD.**

**Proceedings No. HDO (A) / 3316 / 2011-2, dated 30.06.2011**

**Sub:** Cement - Revised rate for **CEMENT** for adoption in preparation of estimates with effect from **01.07.2011** - Approved & Communicated.

- Ref:**
1. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / 31257 / 2009-1, dated 06.04.2010.
  2. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, letter No. HDO / Sr. DO / 64500 / SSR / 2011, dated 30.03.2011.



The cost of **CEMENT** fixed and communicated already in the reference 1<sup>st</sup> cited and continued upto 30.06.2011 in the reference 2<sup>nd</sup> cited, is now revised and fixed by the Schedule of Rates Committee, as given below for adoption in preparation of estimates **with effect from 01.07.2011.**

Cement : Rs.4,900/- per MT  
(Rupees Four Thousand and Nine Hundred only)

2.0. The above rate is inclusive of all taxes, freight charges, etc., 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.

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

*K. Chitra* 30/6/11  
for Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer (General), PWD.

**To**

1. The Engineer-in-Chief, Water Resources Department, Chepauk, Chennai-5.
2. The Director General, Highways Department, Chepauk, Chennai-5.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Special Secretary to Government, Finance Department, Secretariat, Chennai-9.
5. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

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**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**STANDARD SCHEDULE OF RATES FOR THE YEAR 2011-2012**

**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. Corporation Limits:**

**An extra 10%** on the Rates of Labour, Rates of Works and for Head Load shall be allowed for the works in Chennai Corporation limit & belt area of 32 Km around Chennai Corporation, Madurai Corporation limits, Coimbatore Corporation limits and also for works in Hosur Taluk.

- 2. An extra 5%** on the Rates of Labour, Rates of Works and for Head Load shall be allowed for the works in Trichy, Salem, Tirunelveli, Tiruppur, Erode, Thoothukudi and Vellore Corporation limits.

**3. Restricted areas :**

- (i) **An extra 10%** on the Rates of Labour and Rates of Works shall be allowed for **sewer works under unhygienic condition.**
- (ii) **An extra 10%** on the Rates of Labour, Rates of Works and Conveyance Charges shall be allowed for works in the campus of **Central Jails.**
- (iii) **An extra 5%** on the Rates of Labour, Rates of Works and Conveyance Charges shall be allowed for works in the campus of **Sub-jails.**

- (iv) **An extra 20%** on Rates of Labour, Rates of Materials, Rates of Works, Conveyance Charges and Head Load shall be allowed for works in **Reserve Forest Areas**.

#### **4. For works in Hills:**

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 again regrouped as detailed hereunder and the extra percentage allowable has been revised accordingly 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.

- (i) 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.
- (ii) For works in **Mudumalai Sanctuary, 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.
- (iii) 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 shall be allowed.
- (iv) For works in **Gudiyalathur, Siruvani, Thavalamalai Hills, Talavadi Hills, Bargur Hills, Anamalai, Chennimalai and Sivanmalai Hills an extra 20%** on the Rates of Labour, Rates of Materials, Rates of Works and Head Load shall be allowed.
- (v) **For works in Western Ghats** of Virudhunagar, Coimbatore, Tirunelveli & Kanyakumari Districts an extra 20% on the Rates of Labour, Rates of Materials, Rates of Works and Head Load shall be allowed.

- (vi) (a) **An extra 50%** on the Rates of Labour for works in Thekkady shall be allowed.
- (b) **Add 25% extra** on the Rates 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.
- (vii) **An extra 60%** shall be allowable on the Rates 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.
- (viii) **An extra 100%** on the Rates of Labour for works in Periyar Dam Site under normal condition shall be allowed.
- (ix) **An extra 150%** on the Rates of Labour for works in Periyar Dam Site under hanging condition shall be allowed.
- (x) **An extra 50%** on the Rates of Labour, Rates of Materials, Rate of Works and Head Load shall be allowed for the works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam mettu, Sirumalaia, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Idumban Hills, Megamalaia Panchayat and Thummakundu Panchayat.
- (xi) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and an extra 25% over the rates of materials shall be allowed for the works at Kodaikanal.



- (xii) **An extra 25%** on the Rates of Labour, Rates of Materials, Rates of Works and Head Load shall be allowed for works in Yercaud, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Sarugumalai and Thiruchengode Hills in Salem & Namakkal District.
- (xiii) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Kalrayan Hills, Pachamalai Hills and Kolli Hills in Salem & Namakkal Districts.
- (xiv) **An extra 40%** on the Rates of Labour, Rates of Materials, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Naickerner Hills Tiruvannamalai & Vellore Districts.
- (xv) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Piranmalai covering Oduvarpatti, Kattugudi Patti, Ponnadaipattu, V. Pudur Village, Mamalai covering Vannar Irruppu, Nagamangalam Villages, Usilamalai covering Poolankurichi Village, Hillocks at Musundapatti, Usilam, Ammapatti and Thuthampatti in Sivagangai District.
- (xvi) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Chitteri Hills, Sittiling in Kalrayan Hills in Dharmapuri District.
- (xvii) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Kalrayan Hills in Cuddalore & Villupuram Districts.
- (xviii) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Pachamalai Hills in Tiruchy, Karur & Perambalur District.

## **5. ISLANDS in Ramanathapuram District :**

### **(a). For works in Rameswaram Island:**

**An extra 25%** on the Rates of Labour, Rates of Works and Head Load shall be allowed.

### **(b). For works in Other Islands:**

**An extra 125%** on the Rates of Labour, Rates of Materials, Rates of Works, Conveyance Charges and Head Load shall be allowed for other Islands in Ramanthapuram viz. (1) Upputhannie Island, (2) Puleevilaichalli Island, (3) Aalaippar Island, (4) Valimunai Island, (5) Appa Island, (6) Thalaiyari Island, (7) Valai Island, (8) Mullai Island, (9) Manoli Island, (10) Minoliputti Island, (11) Nadu Island (12) Nallathannie Island, (13) Pullivasal Island (14) Poomarichan Island, (15) Muyal Island, (16) Singala Island and (17) Kurusedar Island.

### **(c). For works in Islands of Thoothukudi District:**

**An extra 125%** on the Rates of Labour, Rates of Materials, Rates of Works, Conveyance Charges and Head Load shall be allowed for Van, Kasuvar, Karaichalli Island and Vilankuchali Islands.

## **6. TUNNELS:**

**An extra 15%** on the Rates of Labour and Rates of Works shall be allowed for works inside Tunnels.

## **7. DAM SITES UNDER HANGING CONDITION (Other than Periyar Dam Site):**

**An extra 75%** on 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).

## **8. 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 applicable for the materials / works covered under Annexure-VI "Rates of Other Construction Materials" and Annexure-VII "Rates of Electrical Items of Works". 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.
- (vii) While adopting source of any materials inside the special tracts viz., Corporation 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 of the work (not below 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 inclusion 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 (Buildings), Chief Engineer (Buildings), Chennai Region and Chief Engineer (General), PWD., Chennai-5 for consideration by the Schedule of Rates Committee and approval.

*K. Chitra* 30/6/11  
for Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer General, PWD, Chennai-5

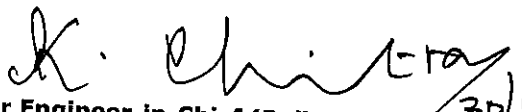
*G* 30/06/11

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE  
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2011-2012  
(with effect from 01.07.2011)**

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
1	For works in Chennai Corporation limits and belt area of 32 KM around Chennai Corporation, Madurai Corporation limits, Coimbatore Corporation limits and also for works in Hosur Taluk	10%	-	10%	-	10%
2	For works in Trichy, Salem, Tirunelveli, Tiruppur, Erode, Thoothukudi and Vellore Corporation limits	5%	-	5%	-	5%
<b>3</b>	<b>Restricted Areas</b>					
i	For sewer works under unhygienic condition	10%	-	10%	-	-
ii	For works in Central Jail Campus	10%	-	10%	10%	-
iii	For works in Sub-Jail Campus	5%	-	5%	5%	-
iv	For works in Reserve Forest Areas	20%	20%	20%	20%	20%
<b>4</b>	<b>Hills</b>					
i	For works in Nilgiris District	40%	25%	40%	-	40%
ii	For works at Mudumalai Sanctuary, Shandy Nalla Sheep Form, Dansandle Area	40%	25%	40%	-	40%
iii	For works at Valparai	40%	25%	40%	-	40%
iv	For works at Gudiyalathur, Siruvani, Thavalamalai Hills, Thalavadi Hills, Bargur Hills, Anamalai, Chennai Malai and Sivanmalai Hills	20%	20%	20%	-	20%
v	For works in Western Ghats of Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts	20%	20%	20%	-	20%
	<b>In Madurai, Theni and Dindigul Districts</b>					
vi	For works at Thekkady	50%	25%	-	-	-
vii	For works at Periyar Dam Site	-	60%	-	-	-

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
viii	For works at Periyar Dam Site under normal condition	100%	-	-	-	-
ix	For works at Periyar Dam Site under hanging condition	150%	-	-	-	-
x	For works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam Mettu, Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Irdumban Hills, Megamalai Panchayat and Thummakundu Panchayat	50%	50%	50%	-	50%
xi	For works at Kodaikanal	40%	25%	40%	-	40%
xii	For works at Yercaud Hills, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Sarugumalai and Tiruchengodu Hills in Salem and Namakkal Districts	25%	25%	25%	-	25%
xiii	For works at Kalrayan Hills, Pachamalai Hills, Kolli Hills in Salem and Namakkal Districts	40%	25%	40%	-	40%
xiv	For works at Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Naickenneri Hills in Tiruvannamalai and Vellore Districts	40%	25%	40%	-	40%
xv	For works at Piranmalai covering Oduvarpatti, Kattugudipatti, Pannadaipattu, V.Pudur Villages, Mamalai covering Vannar Iruppu, Nagamangalam Villages, Usilamalai covering Poolankurichi Village, Hillocks at Musundapatti, Usilam, Ammapatty and Thuthampatti in Sivagangai District	40%	25%	40%	-	40%
xvi	For works at Chitheri Hills, Sittiling in Kalrayan Hills in Dharmapuri District	40%	25%	40%	-	40%
xvii	For works at Kalrayan Hills in Cuddalore and Villupuram Districts	40%	25%	40%	-	40%
xviii	For works at Pachamalai Hills in Trichy, Karur and Perambalur Districts	40%	25%	40%	-	40%
<b>5</b>	<b>Islands</b>					
i	For works at Rameswaram Island in Ramanathapuram District	25%	-	25%	-	25%

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
ii	For works in other Islands, viz. Upputhannie, Puleevilaichalli, Alaiappar, Valimunai, Appa, Thalaiyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Moyal, Singala, Kuruseedar Islands in Ramanathapuram District	125%	125%	125%	125%	125%
iii	For works in Van, Kasvar, Karaichalli and Vilankurichi Islands in Thoothukudi District	125%	125%	125%	125%	125%
<b>6</b>	<b>Tunnels</b>					
i	Where human labour alone is involved	15%	-	15%	-	-
<b>7</b>	<b>Dam sites under hanging condition</b>					
i	For works at dam sites other than Periyar Dam Site, which may be executed by hanging from top of dam through slings or rope ladders to work in dizzy height	75%	-	-	-	-

  
 for Engineer-in-Chief (Buildings) &  
 Chief Engineer (Buildings), Chennai Region &  
 Chief Engineer (General), PWD, Chennai-5  
 30/6/11

**ANNEXURE-I****I. RATES OF LABOUR**

<b>Sl. No.</b>	<b>Sch. Item No.</b>	<b>Description of Labour</b>	<b>Unit</b>	<b>Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)</b>
1	2	Axe Mazdoor	Day	143.00
2	4	Blacksmith - I Class	Day	188.00
3	4A	Blacksmith - II Class	Day	173.00
4	5	Boat Mazdoor	Day	158.00
5	8	Bullocks pair with driver (with bandy)	Day	280.00
6	8A	Bullocks single with driver (with bandy)	Day	203.00
7	11	Carpenter - I Class	Day	237.00
8	12	Carpenter - II Class	Day	218.00
9	13	Caulker	Day	158.00
10	15	Cleaner - First Grade	Day	128.00
11	15A	Cleaner - Second Grade	Day	120.00
12	18	Ferry Mazdoor	Day	158.00
13	19	Fitter - I Class	Day	215.00
14	19A	Fitter II Class	Day	200.00
15	20	Fitter (Pipe Laying / Bar bending) - I Class	Day	211.00
16	20A	Fitter (Pipe Laying / Bar bending) - II Class	Day	196.00
17	21	Floor Polisher	Day	188.00
18	22	Gardener	Day	143.00
19	25	Hammer Mazdoor	Day	151.00
20	26	Head Mazdoor for Well Sinking	Day	158.00
21	27	Driver (Light Duty)	Day	188.00
22	27A	Driver (Heavy Duty)	Day	200.00
23	28	Jumper Mazdoor	Day	143.00
24	36	Maistry, Road Inspector & Work Inspector	Day	181.00



Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
25	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	200.00
26	37	Mason for Brick Work-I Class	Day	243.00
27	37A	Mason for Brick Work-II Class	Day	218.00
28	38	Mason for Stone Work-I Class	Day	243.00
29	38A	Mason for Stone Work-II Class	Day	218.00
30	39A	Mazdoor Category-I	Day	153.00
31	39B	Mazdoor Category-II	Day	138.00
32	39C	Head Mazdoor	Day	158.00
33	40	Mechanic - I Class	Day	188.00
34	40A	Mechanic - II Class	Day	173.00
35	42	Mopla - I Class	Day	187.00
36	42A	Mopla - II Class	Day	173.00
37	43	Navagonies or Javali Man I Class	Day	158.00
38	44	Painter / Varnisher - I Class	Day	196.00
39	44A	Painter / Varnisher - II Class	Day	181.00
40	46	Pile Driver	Day	173.00
41	47	Plumber I Class	Day	211.00
42	47A	Plumber II Class	Day	196.00
43	48	Pump Driver	Day	158.00
44	52	Sawyer	Day	173.00
45	54	Smith I Class	Day	187.00
46	54A	Smith II Class	Day	173.00
47	55	Sprayer Mazdoor (for bitumen, tar etc.)	Day	143.00
48	56	Stone Cutter - I Class	Day	187.00
49	56A	Stone Cutter - II Class	Day	173.00
50	58	Syrang - I Class	Day	187.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
51	58A	Syrang - II Class	Day	173.00
52	60	Thatcher	Day	151.00
53	62	Tinker - I Class	Day	151.00
54	62A	Tinker - II Class	Day	143.00
55	63	Turner - I Class	Day	173.00
56	63A	Turner - II Class	Day	158.00
57	64	Time Keeper I Class	Day	187.00
58	64A	Time Keeper II Class	Day	173.00
59	67	Welder / Bracer - I Class	Day	187.00
60	67A	Welder / Bracer - II Class	Day	173.00
61	68	Well Diver for removing silt - I Class	Day	187.00
62	68A	Well Diver for removing silt - II Class	Day	173.00
63	69	Well Sinker - I Class	Day	211.00
64	69A	Well Sinker - II Class	Day	196.00
65	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	218.00
66	72	Wodder	Day	158.00
		<b>Technical Assistant</b>		
67	76A	Technical Assistant - Grade I (B.E.Passed)	Day	312.00
68	76B	Technical Assistant - Grade II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	280.00
69	76C	Technical Assistant - Grade III (Diploma in Engg. Failed / ITI (civil) Passed)	Day	237.00
70	76D	Cinema Operator (ITI Passed)	Day	196.00
71	76E	B.Sc., (Agriculture) Passed	Day	280.00
72	77A	Laboratory Assistant - Grade I (Post Graduate In Science)	Day	237.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
73	77B	Laboratory Assistant - Grade II (Degree in Science / Degree in Geology for Ground water)	Day	218.00
74	77C	Laboratory Assistant-Grade III (With Degree Qualification to work as works clerk)	Day	196.00
75	78A	Mazdoor employed for Geological mapping	Day	153.00
76	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	153.00
77	78C	Mazdoor employed for Geophysical investigation works	Day	153.00
78	78D	Head Mazdoor to Supervise exploratory works	Day	161.00
79	79	Mixer Operator (including concrete mixer)	Day	166.00
80	80	Mixer Driver	Day	158.00
81	81	Compressor Operator	Day	166.00
82	89A	Computer Operator Grade I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	312.00
83	89B	Computer Operator Grade II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	280.00
84	90A	Irrigation Community Organaiser Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	300.00
85	90B	Irrigation Community Organaiser Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	250.00
86	95	Heatmaster Operator	Day	158.00
87	96	Raker	Day	158.00
88	97	Geological Assistant	Day	231.00
89	98	Stone & Crusher Operator	Day	166.00
90	99	Heavy Mazdoor	Day	166.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
		<b>Electrical Workers</b>		
91	100	Wireman Grade-I / Electrician Grade-I	Day	212.00
92	101	Wireman Grade-II / Electrician Grade-II	Day	200.00
93	102	Electrical Helper	Day	151.00
94	103	Lift Operator	Day	181.00
95	104	Laboratory Attendant	Day	135.00
96	105	Sound Service Operator	Day	151.00
97	106	Electrical Maistry	Day	231.00

*K. Chitra* 30/6/11  
 for Engineer-in-Chief (Buildings) &  
 Chief Engineer (Buildings), Chennai Region &  
 Chief Engineer (General), PWD, Chennai-5

*G* 30/06/11

## ANNEXURE-II

### II. RATES OF MATERIALS

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
		<b>A. BRICKS AND TILE PRODUCTS</b>		
	1	Second Class Table Moulded Chamber Burnt Bricks		
1	a	9" x 4 <sup>1</sup> / <sub>2</sub> " x 3"	1000 Nos.	4000.00
2	b	9" x 4 <sup>3</sup> / <sub>8</sub> " x 2 <sup>3</sup> / <sub>4</sub> "	1000 Nos.	3850.00
	2	Second Class Ground Moulded Chamber Burnt Bricks		
3	a	9" x 4 <sup>1</sup> / <sub>2</sub> " x 3"	1000 Nos.	3450.00
4	b	9" x 4 <sup>3</sup> / <sub>8</sub> " x 2 <sup>3</sup> / <sub>4</sub> "	1000 Nos.	3350.00
	3	Third Class Country Brick Kiln Burnt		
5	a	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>4</sub> "	1000 Nos.	2900.00
6	b	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> "	1000 Nos.	2285.00
7	c	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2"	1000 Nos.	2190.00
	3A	Fly Ash Bricks		
8	a	230 x 110 x 70mm	1000 Nos.	3100.00
	4	Specially moulded country brick for well steining		
9	a	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2"	1000 Nos.	1290.00
10	b	Perforated bricks 19 x 9 x 9cm	1000 Nos.	1965.00
11	c	Terrace bricks 15 x 7.5 x 2.5cm	1000 Nos.	505.00
	8	Flat Tiles		
12	a	15cm x 15cm x 12mm	1000 Nos.	565.00
13	b	15cm x 15cm x 20mm	1000 Nos.	670.00
	10	Brick Jelly		
14	a	40mm size	cum.	365.00
15	b	20mm size	cum.	400.00
	11	Pressed Tiles		
16	a	20 x 20 x 2cm	1000 Nos.	7200.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
17	b	23 x 23 x 2cm	1000 Nos.	10200.00
	12	Pan Tiles		
18	a	23cm x 8cm x 1.7cm	1000 Nos.	295.00
19	b	16.5cm x 8cm x 1.7cm	1000 Nos.	245.00
	13	Best Mangalore Tiles		
20	a	I Class 'A'	1000 Nos.	7055.00
21	b	Class 'AA'	1000 Nos.	7190.00
22	c	Best Mangalore Ridge Tiles	1000 Nos.	20600.00
23	d	Best Mangalore Ceiling Tiles	1000 Nos.	4330.00
24	e	Best Mangalore Glass Roofing Tiles	Each	205.00
25	f	Best Mangalore Ventilating Tiles (Single)	Each	31.00
26	g	Best Mangalore Ventilating Tiles (Double)	Each	39.00
	23A	Mosaic Flooring Tiles (Grey)		
27	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	9515.00
28	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	6060.00
	23C	Mosaic (other Colour)		
29	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	13080.00
30	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	7730.00
31	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	9515.00
32	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	14875.00
33	24	Mosaic Chequered tile Grey colour size 25 x 25 x 2 cm	1000 Nos.	11895.00
		<b>B. STONE AND ROAD MATERIALS</b>		
34	27	Rough stone for masonry works (Hard Granite)	cum.	288.00
35	28	Rough stone for revetment works	cum.	250.00
36	29	Jeddy size for Revetment (Hard Granite)	cum.	276.00
37	29a	Cut stone pillar of size 0.15 x 0.15 x 2.1M	Each	108.00
38	30	From boulders without blasting for revetment	cum.	74.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
39	30a	From boulders without blasting for masonry	cum.	97.00
40	32	Course Rubble stone for masonry works	cum.	231.00
41	33	Course Rubble stone for Arch works	cum.	250.00
42	33 (A) I	Chisel dressed stone 70cm x 30cm x 29cm	Each	115.00
43	II	Chisel dressed stone 37cm x 30cm x 29cm	Each	104.00
44	(B)	Hammer dressed stone 37cm x 30cm x 29cm	Each	80.00
45	34	Cutstone fully dressed to size on all faces	cum.	4100.00
46	35	Cut stone Roughly dressed	cum.	2830.00
47	36	Ashlar arch stone fully dressed to size all faces	cum.	3120.00
48	38	Flooring stone SS Size (Not less than 10cm thick)	cum.	230.00
49	39 a	Stone slab for culvert (3 faces one line dressed) Above 1.2m	cum.	2980.00
50	b	Stone slab for culvert (3 faces one line dressed) Upto 1.2m	cum.	2700.00
51	40	Stone slab for culvert (3 faces two line dressed)	cum.	3320.00
52	41	For Lintel coping (3 faces two line dressed)	cum.	3320.00
53	42	Bond Stones	cum.	395.00
54	43 a	Kilometre stone 1.65 x 0.45 x 0.15m	Each	285.00
55	44 a	Hecta metre stone 0.9x0.1x0.1m	Each	80.00
56	b	Hecta metre stone 0.75x0.23x0.1m	Each	148.00
57	c	Hecta metre stone 0.9x0.15x0.15m	Each	143.00
58	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	60.00
59	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	77.00
60	c	Demarcation Stone (two line dressed for top 30 cm) 75 x 23 x 23 cm	Each	71.00
61	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	66.00
62	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	80.00
63	f	Edge Stone 45 x 15 x 15 cm	Each	37.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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	92.00
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	67.00
66	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	106.00
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	113.00
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	106.00
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	74.00
70	e	Guard Stone 23cm dia 0.90m long	Each	55.00
	48	<b>Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken</b>		
71	I	HBGS Jelly 90 mm size	cum.	264.00
72	ii	HBGS Jelly 80 mm size	cum.	297.00
73	iii	HBGS Jelly 63 mm size	cum.	341.00
74	iv	HBGS Jelly 50 mm size	cum.	396.00
75	v	HBGS Jelly 40 mm size	cum.	616.00
76	vi	HBGS Jelly 25 mm size	cum.	528.00
77	vii	HBGS Jelly 20 mm size	cum.	858.00
78	viii	HBGS Jelly 12 mm size	cum.	792.00
79	ix	HBGS Jelly 10 mm size	cum.	583.00
80	x	HBGS Jelly 6 mm size	cum.	396.00



Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
81	xi	HBGS Jelly 3 mm size	cum.	357.00
	49 b	Quartz metal		
82	I	Quartz metal 50 mm	cum.	63.00
83	ii	Quartz metal 40 mm	cum.	64.00
	51	<b>Soft Broken Stone</b>		
84	I	Soft Broken Stone 63mm size	cum.	49.00
85	ii	Soft Broken Stone 40mm size	cum.	55.00
86	52	Laterite 40 to 75mm size	cum.	63.00
87	53	Kankar 40 to 75mm size	cum.	63.00
88	54	Soling stones unblasted 15cm cube	cum.	74.00
89	54a	Soling stones blasted 15cm cube	cum.	120.00
90	<b>57</b>	<b>Gravel</b>	cum.	106.00
91	57A	Well Gravel	cum.	94.00
92	57B	Screened Kankar Gravel	cum.	69.00
93	58	Quarry Rubbish	cum.	63.00
94	58A	Stone Dust	cum.	80.00
95	58B	Pond Ash (wet / dry)	cum.	62.00
96	58C	Crushed Stone Sand	cum.	319.00
97	<b>59</b>	<b>Sand for Mortar</b>	cum.	110.00
98	<b>60</b>	<b>Sand for Filling</b>	cum.	110.00
99	62	Clay for Puddle & Masonry	cum.	25.00
100	63 (I)	Cuddapah Slab 50mm Thick	sqm.	297.00
101	ii	Cuddapah Slab 38 / 40mm Thick	sqm.	286.00
102	iii	Cuddapah Slab 20 / 30mm Thick	sqm.	264.00
		<b>C. LIME</b>		
103	66	Shell lime (Slaked & Screened)	cum.	979.00
104	67	Freshly Slaked & Screened Burnt Lime Stone	cum.	720.00


Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
105	68	Stone Lime or Lime Metal	cum.	64.00
		<b>D. Timber and Roofing Materials</b>		
106	71	TW Scantlings (over 3m for joist and rafters) - Malabar	cum.	80500.00
107	72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	cum.	79200.00
108	73	TW Scantlings (over 2m & below 3m in length) - Malabar	cum.	77100.00
109	74	TW Scantling (below 2m in length) - Malabar	cum.	68600.00
110	75 (I)	TW Planks (Over 45cm wide & 12mm Thick)	cum.	85000.00
111	ii	TW Planks (30 - 45cm wide & 12mm Thick)	cum.	78900.00
112	iii	TW Planks (30 - 45cm wide & 12 - 25 mm Thick)	cum.	73900.00
113	iv	TW Planks (30 - 45cm wide & 25 - 40 mm Thick)	cum.	70900.00
114	v	TW Planks (15 - 30cm wide & 12mm Thick)	cum.	69000.00
115	vi	TW Scantling (15 - 30cm wide & 12-25mm Thick)	cum.	65600.00
116	vii	TW Planks (15 - 30cm wide & 25- 40mm Thick)	cum.	64300.00
117	viii	TW Planks (Upto 15cm wide & 12mm Thick)	cum.	63100.00
118	ix	TW Planks (Upto 15cm wide & 12-25mm Thick)	cum.	63100.00
119	xiii	TW Planks (Upto 15cm wide & 25-40mm Thick)	cum.	59600.00
	76	<b>Teak wood Reepers</b>		
120	I	TW Reepers 50 x 25mm	RM	53.00
121	ii	TW Reepers 50 x 12mm	RM	43.00
	77	<b>Country Wood Scantling</b>		
122	I	CW Scantling (upto 4m in length)	cum.	23800.00
123	ii	CW Scantling (over 4m in length)	cum.	25000.00
124	77A	CW Scantling (for tie beams & principal rafters for trusses)	cum.	25000.00
125	77B	Jack wood Scantlings (upto 4 m)	cum.	26200.00
126	77D	Silver oak Scantlings	cum.	10800.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
	78	<b>Country Wood Planks</b>		
127	I	CW Planks (upto 30cm wide-40mm thick)	cum.	27300.00
128	ii	CW Planks (upto 30cm wide-25mm thick)	cum.	27300.00
129	iii	CW Planks (over 30cm wide-40mm thick)	cum.	27300.00
130	iv	CW Planks (over 30cm wide-25mm thick)	cum.	27300.00
131	78A	JW Planks (25mm-40mm thick)	cum.	28600.00
132	78B	Silver Oak Plank (40mm thick)	cum.	12300.00
133	78C	Bluegum Plank	cum.	12600.00
	79	<b>Country Wood Reepers</b>		
134	I	CW Reepers (50 x 25mm)	RM	24.00
135	ii	CW Reepers (50 x 12mm)	RM	17.50
136	80	Mango plank	cum.	11700.00
137	81	Palmyrah rafter (50 - 60mm wide & 125mm depth)	RM	34.50
138	a	Palmyrah Leaves	100 Nos.	178.00
139	b	Palmyrah Leaves (Labour for cutting)	100 Nos.	28.00
	90	<b>Casurina poles</b>		
140	a	Casurina poles 13cm - 15cm dia	RM	23.00
141	b	Casurina poles 10cm - 13cm dia	RM	17.50
142	c	Casurina poles 8cm - 10cm dia	RM	13.50
143	d	Casurina poles 5cm - 8cm dia	RM	11.50
	90.1	<b>Eucalyptus Poles</b>		
144	a	13cm to 15cm dia	RM	23.00
145	b	10cm to 13cm dia	RM	16.50
146	c	8cm to 10cm dia	RM	13.50
147	d	5cm to 8cm dia	RM	11.50
148	e	below 5cm	RM	10.50
149	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	8.50

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
150	91	Casurina Bullies 4cm - 5cm dia & cross ties	RM	9.50
151	92	Bamboo Large (10cm dia and above)	RM	8.50
152	93	Bamboo (7.5cm - 10cm dia)	RM	7.50
		<b>E. Metal and Iron works</b>		
153	111	Mild steel plates or sheets BG 10	Kg	40.00
154	112	Mild steel Angles 25 x 25 x 3 mm	Kg	40.00
155	113	Binding wire (Black 18 G)	Kg	42.00
156	113 b	Binding wire (Galvanised-18 G)	Kg	42.00
157	114	GI Sheets 30cm wide and 1.6 mm Thick	sqm.	290.00
158	126 I	Weld mesh 7.5 x 2.5cm 10 Gauge	sqm.	283.00
159	ii	Weld mesh 7.5 x 5cm 10 Gauge	sqm.	254.00
160	iii	Weld mesh 10 x 10cm 10 Gauge	sqm.	138.00
161	129	Chicken mesh	sqm.	30.50
162	130	Fly proof mesh	sqm.	88.00
163	131	Supplying mild steel grills for windows, ventilators, etc., including priming coat.	Kg	54.00

**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.

  
 for Engineer-in-Chief (Buildings) &  
 Chief Engineer (Buildings), Chennai Region &  
 Chief Engineer (General), PWD, Chennai-5  
 30/06/11

# ANNEXURE-III

## III. RATES OF WORKS

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
		<b>A. Clearing the Site</b>		
1	1	Clearing Heavy Jungle	sqm.	2.60
2	2	Clearing Light Jungle	sqm.	1.95
3	3	Clearing Scrub Jungle	sqm.	1.85
4	4	Uprooting & removing large palmyrah / coconut stumps	Each	50.00
5	5	Uprooting & removing small palmyrah / coconut stumps	Each	35.75
6	9	Removing weeds in channel and drain	sqm.	0.75
7	9C	Cleaning Juliflora jungle with uprooting	sqm.	2.85
8	9D	Cleaning Juliflora jungle without uprooting	sqm.	2.20
		<b>B. Dismantling</b>		
		Dismantling, clearing away and carefully stacking materials useful for re-use for any thickness of walls		
9	10	Brick / stone in clay walls under 3m high	cum.	21.25
10	11	Brick / stone in clay walls, add for every additional 3m or part there of over the initial height of 3m	cum.	7.20
11	11A	Mud / sun dried brick walls under 3m high	cum.	14.30
12	11B	Mud / sun dried brick walls, add for every additional 3m or part there of over the initial height of 3m	cum.	4.20
13	12	Brick / stone masonry in lime mortar walls under 3m high	cum.	65.15
14	13	Brick / stone masonry in lime mortar walls, add for every additional 3m or part there of over the initial height of 3m	cum.	7.30
15	14	Brick / stone masonry in Cement mortar walls under 3m high	cum.	79.85
16	15	Brick / stone masonry in Cement mortar walls, add for every additional 3m or part there of over the initial height of 3m	cum.	8.60
17	16	Terracing work in roof or floor	sqm.	21.70
18	17	Flag stone in roof or floor including lifting	sqm.	11.55

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
19	18	Cut stone slab over culverts upto 3.3m height below GL	cum.	332.00
20	19	Cut stone slab over culverts over 3.3m height below GL	cum.	346.00
21	20	Removal of cut stone slabs & RCC cover slabs	sqm.	146.00
22	22	Refixing cut stone slab	cum.	159.00
23	23	Pantile or Mangalore tiled roof without roof timbers	sqm.	5.75
24	24	Flat & pan tiles or Manglore tile over flat tiles, with out roof timbers	sqm.	7.95
25	25	AC sheet roofing without roof timbers	sqm.	5.25
26	26	Corrugated iron sheet roofing over pan tiles, without roof timbers	sqm.	8.60
27	27	Old thatched roof, including tying materials into small bundles for reuse.	sqm.	2.60
28	28	Wrought and putup framed timbers in roofs / floors	cum.	209.00
29	29	Doors and windows including removal of frames, hinges and fastenings	sqm.	43.20
30	32	Dry stones apron or revetment, stacking within 40m lead	cum.	37.15
31	33	Grouted stones apron or revetment, stacking within 40m lead	cum.	43.20
32	34	Dry stone masonry walls	cum.	31.65
33	36	Dismantling lime concrete	cum.	101.15
34	37	Dismantling plain Cement concrete	cum.	137.00
35	38	Dismantling RCC	cum.	2083.00
36	38A	Chipping of concrete and roughening the surface	sqm.	11.55
37	38B	Pressed tiles & weathering course	sqm.	13.30
38	38C	One course of pressed tile roof finish in Cement Mortar	sqm.	7.40
39	38D	One course of terrace bricks roof finish in Cement mortar	sqm.	8.65
40	38E	Two course of flat tiles roof finish in cement mortar	sqm.	8.60

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
41	38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	sqm.	17.85
42	38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	sqm.	17.25
		<b>C. Quarrying and Blasting</b>		
43	39	Hard rock measured in solid including blasting & stacking	cum.	246.00
44	39A	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	cum.	492.00
45	40A	Medium rock and dense medium rock requiring blasting	cum.	126.00
46	42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	cum.	3.05
47	42B	Extra for every additional 1m lift or part thereof over the initial lift of 2m for blasted materials	cum.	3.15
48	44	Benching, hard rock upto an average 10 cm depth	sqm.	239.00
49	46	Drilling holes in hard granite 40mm diameter	RM	79.85
50	46A	Drilling holes in hard granite 45mm diameter	RM	93.15
51	47	Drilling holes in hard granite 50mm diameter	RM	111.00
52	48	Drilling holes in hard granite 75mm diameter	RM	126.00
53	49	Drilling holes in hard granite 32mm diameter	RM	68.50
		<b>D. Earth Work</b>		
54	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 (SS20A)	cum.	25.50
55	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 (SS20B)	cum.	23.20
56	50A	Sand and 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 (SS20B)	cum.	29.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
57	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	sqm.	6.00
58	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	sqm.	7.30
59	50D	Sectioning during forming bunds when earth moving machinery, lorries and rollers are used for consolidation.	cum.	4.50
60	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,murram, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	cum.	37.00
61	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,murram, gravel, stoney earth and earth mixed with small size boulders SS.20B	cum.	34.75
62	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.	cum.	51.70
63	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	cum.	81.80
64	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	cum.	91.00
65	76	Extra for every additional 10 metre lead or part thereof over the initial lead	cum.	4.40
66	77	Extra for every additional 1 metre lift or part thereof over the initial lift	cum.	3.55
67	78	Breaking clods, consolidating and sectioning	cum.	2.20



Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
68	78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	cum.	6.65
69	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		
70	A	By hand roller	cum.	7.30
71	B	By power roller including hire charges	cum.	12.20
72	80	Benching Old Embankment Slopes 45cm x 45cm	cum.	1.50
73	81	Puddle wall work	cum.	57.80
74	82A	Turfing in slopes including watering and fixing with initial lead upto 50m	sqm.	12.20
75	84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	cum.	10.85
76	85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	cum.	12.20
		<b>E. Open Well Excavation</b>		
77	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.	cum.	23.20
78	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, murram, gravel, stoney earth and earth mixed with small size boulders and hard gravelly soil - First depth of 2 metre	cum.	34.60
79	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	cum.	53.20
80	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	cum.	86.50

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
81	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	cum.	130.00
82	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	cum.	252.00
83	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	cum.	35.90
84	92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cum.	50.35
85	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 bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cum.	50.35
		<b>F. Rate for Earth Work Deploying Machinery</b>		
86	1	Earth work in all soils except <b>medium rock</b> / hard rock requiring blasting and conveying for formation of bund with lead of 0 to 100 metre deploying earth moving machinery and tippers including benching, formation of bunds, breaking clods, sectioning etc complete	cum.	37.55
87	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 machinery and tippers including benching, formation of bunds, breaking clods, sectioning etc complete	cum.	3.05
88	2	Earth work deploying earth moving machinery for desilting channel and forming bund on either side and depositing the earth on banks including jungle clearance etc complete		
89	a	having width up to 3m	cum.	22.20

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
90	b	having width of 3m -10m	cum.	27.05
91	3	Earth work excavation deploying earth moving machinery 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	cum.	31.60
		<b>G. LIFT CHARGES - Concrete - Brick or Stone Masonry - Above or Below Ground Level</b>		
	A	<b>Concrete - Above ground level</b>		
92	1	Add to the basic rates for works upto 4.50M height in ground floor (height to be reckoned from floor level ie., plinth level in GL)	cum.	37.00
93	2	Add for works in every upper floor over the rate of preceeding floor	cum.	73.80
	B	<b>Brick or Stone Masonry - Above GL</b>		
94	1	Add to the basic rates for works upto 4.50M height in ground floor (height to be reckoned from floor level ie., plinth level in GL)	cum.	24.50
95	2	Add for works in every upper floor over the rate of preceeding floor	cum.	49.20
		<b>STATEMENT II</b>		
	A	<b>Concrete - Below ground level</b>		
96	1	Add the basic rate for works 1.50m depth and upto 4.5m depth below ground level	cum.	36.50
97	2	Add the basic rate for works 4.50m depth and upto 9m depth below ground level	cum.	73.20
98	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	73.20
	B	<b>Brick or Stone Masonry - Below GL</b>		
99	1	Add the basic rate for works 1.50m depth and upto 4.50m depth below GL	cum.	24.50
100	2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	cum.	49.20
101	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	49.20

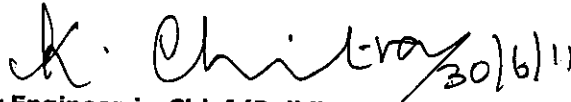
Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
		<b>H. Concrete Vibrators</b>		
102	1	Where vibrators are specified for consolidation in PCC, this rate per Cu.M over and above the provision made in the standard data book for consolidation with manual labour may be allowed.	cum.	21.80
103	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.	cum.	29.20
		<b>I. Plastering</b>		
104	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	sqm.	3.05
105	319	Clean removal of lime plaster from walls	sqm.	2.40
106	320	Clean removal of Cement plaster from walls	sqm.	2.55
107	321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	sqm.	3.30
		<b>J. White Washing, Colour Washing &amp; Distempering</b>		
108	338	Thorough scrapping of old plastered surface	sqm.	1.45
109	339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	sqm.	1.80
		<b>K. Painting, Wood Oiling, Tarring, Varnishing, Bee's Waxing Etc.,</b>		
110	357	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	sqm.	10.85
111	357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	sqm.	4.65
112	357B	Removing paint from doors, windows & wood works by manual labour	sqm.	3.15
113	357C	Removing old paint from structural steel by blow lamp or sand paper	sqm.	6.65

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
114	357 D	Scrapping and removing old paint from structural steel by manual labour	sqm.	2.95
115	357 E	Removing old paint from iron surface with sand paper	sqm.	2.85
116	357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	sqm.	6.40
		<b>L. Miscellaneous</b>		
117	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	2.85
118	369 B (i)	Driving piles up to 15 cm dia in river bed	RM	8.55
119	(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	7.30
120	(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	RM	7.30
		<b>M. River Conservancy of Korambu Works</b>		
121	375A	Brush wood bundles one metre girth and one metre long within an initial lead of 1.6 K.M.	one bundle	1.50
122	375B	Extra for every additional lead of 1.6K.M (for the above item)	one bundle	0.17
123	378A	Driving casurina piles into bed including scaffolding etc., complete	RM	3.60
124	378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	4.90
		<b>N. Cutting and Threading of GI Pipe</b>		
125	1	15 mm dia GI Pipe Cutting	Each	3.00
126		15 mm dia GI Pipe Threading	Each	4.20
127	2	20 mm dia GI Pipe Cutting	Each	3.00
128		20 mm dia GI Pipe Threading	Each	4.40

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
129	3	25 mm dia GI Pipe Cutting	Each	3.70
130		25 mm dia GI Pipe Threading	Each	8.80
131	4	32 mm dia GI Pipe Cutting	Each	4.40
132		32 mm dia GI Pipe Threading	Each	11.85
133	5	40 mm dia GI Pipe Cutting	Each	5.80
134		40 mm dia GI Pipe Threading	Each	13.30
135	6	50 mm dia GI Pipe Cutting	Each	7.40
136		50 mm dia GI Pipe Threading	Each	14.85
137	7	65 mm dia GI Pipe Cutting	Each	8.00
138		65 mm dia GI Pipe Threading	Each	17.80
139	8	80 mm dia GI Pipe Cutting	Each	10.40
140		80 mm dia GI Pipe Threading	Each	22.35
141	9	100 mm dia GI Pipe Cutting	Each	14.85
142		100 mm dia GI Pipe Threading	Each	29.80
		<b>O. Labour Wrought and Put-up for Doors, Windows &amp; Ventilators</b>		
143	1	Labour wrought and put up in position of frames inclusive of fixing holdfasts for doors, windows and ventilators etc.,	cum.	4239.00
144	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.	sqm.	479.00
145	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.	sqm.	399.00
146	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.	sqm.	445.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
147	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.	sqm.	371.00
148	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.	sqm.	252.00
149	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.	sqm.	445.00
150	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.	sqm.	479.00
151	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.	sqm.	252.00
152	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.	sqm.	399.00
153	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.	sqm.	372.00
154	19	Labour charges for fixing doors alongwith frames in position etc., complete (finished work)	sqm.	71.80
155	20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	sqm.	90.40
156	21	Labour wrought and put up in position Flush shutters		
a		Single leaf shutter	sqm.	66.55
b		Double leave shutters	sqm.	103.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
157	22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	sqm.	239.00
158	23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x 0.075m)	sqm.	332.00
		<b>P. Breaking Metals</b>		
159	50A	Labour charges for breaking 40mm metal from departmental blasted stones	cum.	127.00
160	50B	Labour charges for breaking 20mm metal from departmental blasted stones	cum.	190.00
161	50C	Labour charges for breaking 50mm metal from departmental blasted stones	cum.	75.85
		<b>Q. Cement Mortar</b>		
162	1	Grinding Mortar (Special Grinding lime)	cum.	115.00
163	2	Grinding Mortar (Ordinary grinding lime)	cum.	87.80
164	3	Mixing Mortar - Cement by manual	cum.	35.90
165	4	Mixing Mortar - Cement by Machine Mixing	cum.	47.80
		<b>R. Metal and Iron works</b>		
166	1	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	17.25
167	2	Iron works for trusses and record racks (labour only)	Kg	15.95
168	3	Fixing in position mild steel grills for windows, ventilators, etc.	Kg	10.00
169	4	Fixing MS Rods round / square for windows	Kg	9.30
170	5	Fixing Iron Bars in windows and ventilators	Kg	9.30

  
 for Engineer-in-Chief (Buildings) &  
 Chief Engineer (Buildings), Chennai Region &  
 Chief Engineer (General), PWD, Chennai-5  
 30/06/11



**ANNEXURE-IV**  
**RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD**

Sl. No.	Description of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)		
			LEAD		
			Above 10m and upto 100m	Add extra for every additional 100m or part thereof	LIFT Add extra for every 1m height or part thereof for more than 2m lift
1	Rough Stone, Broken Stone Jelly, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantling, Wooden Plank	cum.	39.90	16.60	4.40
2	Lime, Lime Stone, Laterite, Brick Jelly, Earth, Sand, Gravel, Surki, Pond Ash (Wet / Dry), Crushed Stone Sand, Stone Dust	cum.	21.25	16.60	3.30
3 a	Mangalore Tiles	1000 Nos.	43.20	21.75	5.50
b	Machine Pressed Tiles	2000 Nos.	43.20	21.75	5.50
c	Hydraulic Pressed Mosaic Flooring Tiles	1500 Nos.	43.20	21.75	5.50
d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	43.20	21.75	5.50
e	Bricks	1000 Nos.	43.20	21.75	5.50
4	Cement, AC Sheet, Bitumen, Asphalt, Tar	MT	39.90	21.75	4.40
5	Steel	MT	66.50	26.60	5.50

**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 2011-2012 (w.e.f. 01.07.2011)				
			Cement, Steel (1 MT)	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (Wet / Dry), Stone Dust (One cubic metre)	Rough Stone, Bond Stone, Cut Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth, Crushed Stone Sand (One cubic metre)	Third Class Country Bricks (Kiln Burnt) (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Flooring Tiles (1500 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.	4.00	4.40	6.40	5.40	7.20	9.00
b	10 - 20 Km.	3.45	3.80	5.50	4.65	6.20	7.75
c	20 - 40 Km.	3.05	3.35	4.85	4.10	5.45	6.85
d	40 - 80 Km.	2.55	2.80	4.05	3.40	4.55	5.70
e	Above 80 Km.	2.30	2.50	3.65	3.10	4.10	5.15
4	Loading Charges	53.20	25.40	17.40	25.00	25.00	25.00
5	Unloading Charges	53.20	25.40	17.40	25.00	25.00	25.00
6	Add above extra for inter state works	10.60	11.65	16.90	14.35	19.05	23.75

**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 slusly 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 laterite, broken stone jelly, etc., 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**

Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)							
Sl. No.	Distance in kilometre	Cement, Steel (1 MT)	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (Wet / Dry), Stone Dust (One cubic metre)	Rough Stone, Bond Stone, Cut Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth, Crushed Stone Sand (One cubic metre)	Third Class Country Bricks (Kiln Burnt) (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Flooring Tiles (1500 Nos.)	Bricks II Class Chamber Burnt Bricks (Table Moulded / Ground Moulded), Fly Ash Bricks (1000 Nos.)
1	2	3	4	5	6	7	8
1	Add for every extra 1 Km and part thereof.....						
a	0 - 10 Km.	8.00	8.80	12.80	10.80	14.40	18.00
b	10 - 20 Km.	6.90	7.60	11.00	9.30	12.40	15.50
c	20 - 40 Km.	6.10	6.70	9.70	8.20	10.90	13.70
d	40 - 80 Km.	5.10	5.60	8.10	6.80	9.10	11.40
e	Above 80 Km.	4.60	5.00	7.30	6.20	8.20	10.30

**Note**

1	The above rates do not include stacking charges [as per Circular Memo No.230 Wks.IV(2)/62-3, dt.16.06.62 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 slusly 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 laterite, broken stone jelly, etc., 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.

*K. Chitra*  
for Engineer-in-Chief (Buildings) &  
Chief Engineer (Buildings), Chennai Region &  
Chief Engineer (General), PWD, Chennai-5

**ANNEXURE-VI**  
**RATES OF OTHER CONSTRUCTION MATERIALS**

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

<b>Sl. No.</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)</b>
1	Water proofing compound	Kg	36.75
2	Mild Steel Flats of all sizes	Kg	40.00
3	Mild Steel Square Rods of all sizes	Kg	40.00
4	First Quality Design Ceramic tiles of All colours		
i	305 mm x 305 mm x 6 mm	Each	44.00
ii	200 mm x 200 mm x 6 mm	Each	19.40
iii	200 mm x 100 mm x 6 mm	Each	10.50
5	First Quality Plain ceramic tiles of all colours		
i	305 mm x 305 mm x 6 mm	Each	31.50
ii	200 mm x 200 mm x 6 mm	Each	14.10
iii	200 mm x 100 mm x 6 mm	Each	7.35
6	First quality White glazed tiles		
i	150 mm x 150 mm x 6 mm	Each	7.35
ii	100 mm x 200 mm x 6 mm	Each	6.30
7	First quality colour glazed tiles		
i	150 mm x 150 mm x 6 mm	Each	8.40
ii	100 mm x 200 mm x 6 mm	Each	7.35
8	First quality colour glazed tiles with printed design		
i	150 mm x 150 mm x 6 mm	Each	9.90
ii	100 mm x 200 mm x 6 mm	Each	8.90
9	White Cement	Kg	19.95
10	Colour Cement (White cement mixed with colouring pigments)	Kg	23.10
11	Multi-colour marble chips of all Grades / Sizes	Bag	84.00
12	White Marble slab (Adanga) 18 mm to 20 mm thick		
i	4'0" x 2'0" and above	sqm.	810.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
ii	2'0" x 2.0" or 2'0" x 1'0" or 1'0" x 1'0"	sqm.	445.00
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	sqm.	785.00
b	Ruby Red, Raw Silk	sqm.	680.00
c	Sinthetic Grey, Paradise and Similar varieties.	sqm.	630.00
14	Granite slabs (Super fine polished with machine cut edges) of sizes 4'x2' and above 18mm to 20mm thick.		
a	Jet Black	sqm.	1575.00
b	Ruby Red, Raw Silk	sqm.	1470.00
c	Sinthetic Grey, Paradise and Similar varieties.	sqm.	1155.00
15	Polished shahabad stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sqm.	315.00
16	Polished shahabad stone slabs 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sqm.	262.00
17	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sqm.	462.00
18	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sqm.	405.00
19	Dolphur stone slabs - semi polished with machine cut edges of all sizes		
a	40 mm thick	sqm.	345.00
b	20 mm thick	sqm.	315.00
20	Aluminium strips of size 40 mm wide x 1.5 mm thick	RM	26.00
21	Brass strips of size 40 mm wide x 1.5 mm thick	RM	52.00
22	Glass strips of size 40 mm wide and 4 mm thick	RM	13.00
23	Marblex Tiles 3 mm thick	sqm.	525.00
24	Red Oxide - Superior quality for floor finish	Kg	110.00
25	Decorative pressed tiles of 12 mm thick of all sizes and shapes	sqm.	890.00
26	Exterior Emulsion Paint - Water based primer (Liquid)	Litre	126.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
27	Alkali Resistant Distemper Primer	Litre	126.00
28	Sandtex matt	Litre	147.00
29	Vinaratex or equivalent Textured coat	sqm.	190.00
30	Best Lac Polish / French Polish	Litre	245.00
31	Varnish	Litre	252.00
32	Cotton Waste	Kg	8.00
33	Cement based Hydraulically pressed Anti skid tiles (pattern design) - 20 mm thick	sqm.	420.00
34	Marble Powder	Kg	4.20
35	Polishing Stone		
i	Rough	Each	52.50
ii	Medium	Each	73.50
iii	Fine / Nice	Each	84.00
36	Oxalic Acid	Kg	34.50
37	Tupentine	Litre	23.10
38	Mansion polish	400 gram	138.50
39	Poly Sulphide	Kg	157.50
40	Primer for expansion joints	Kg	141.50
41	Filler material	sqm.	115.50
42	Bond Breaker	RM	3.15
43	PVC Water Bar 150mm wide with singel bulb	RM	236.00
44	Plain G.I. sheet 0.8mm thick (22 Gauge)	sqm.	288.00
45	Phil Plug	Each	4.20
46	G.I. Screws		
i	30mm x 6mm	Each	1.05
ii	19mm x 6mm	Each	0.65
47	G.I. Limpet / Cup Washers	Each	1.55
48	Bitumen washers 15mm dia	Each	1.05
49	Asbestos Cement pipe - 100mm dia	3 RM	115.50

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
50	A.C. shoe - 100mm dia	Each	36.75
51	A.C. Bend - 100mm dia	Each	42.00
52	A.C. Cylindrical Cowl - 100mm dia	Each	63.00
53	C.I. Brackets for A.C. pipe 100mm dia	Each	17.30
54	C.I. Grating - 100mm dia	Each	25.40
55	Asbestos cement fully corrugated sheet - 6mm thick	sqm.	152.00
56	Asbestos cement plain sheet		
i	6mm thick	sqm.	136.50
ii	4mm thick	sqm.	94.50
57	Asbestos cement adjustable ridges	Pair	157.50
58	G.I. "J" or "L" Bolts with nuts 6mm Dia	Each	3.15
59	Steel - special extruded sections for steel windows and ventilators conforming to I.S.S. 7452 / 1990 including Fabrication charges	Kg	57.50
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	388.50
b	With powder coated primer	RM	414.00
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	254.00
b	With powder coating of any colours.	Kg	271.00
62	Aluminium Extruded Box Section for Staircase Hand Rails including charges for Anodising for 15 micron thickness - Natural colour matt finish	Kg	259.00
63	Rubber beading for aluminium glazed doors	RM	31.50
64	Rubber beading for aluminium glazed windows.	RM	24.15
65	PVC / Woollen felt for aluminium doors 6mm thick	RM	7.35
66	Pivot for Aluminium Door	Set	126.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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	787.00
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	1890.00
69	Lock for Aluminium doors	Each	207.50
70	Lock for Aluminium sliding windows	Each	51.50
71	Aluminium Grill of standard pattern (diamond shape) - 10mm thick including 'F' (or) 'H' Section.	sqm.	1627.50
72	Aluminium Grill of standard pattern (diamond shape) - 6mm thick including 'F' (or) 'H' Section.	sqm.	1312.50
73	Bolts and Nuts 10mm dia for false ceiling	Each	4.60
74	Rawl Plugs for false ceiling	Each	7.35
75	PVC Roller for sliding windows	Each	11.55
76	Synthetic Resin - Fevicol or equivalent (Phenol Formaldehyde based Resin)	Kg	157.50
77	Butt Hinges with nylon washers of various sizes. Length and width (with required screws).		
a	125mm x 30mm	Each	60.50
b	100mm x 30mm	Each	49.00
c	75mm x 30mm	Each	33.50
d	50mm x 30mm	Each	27.00
78	Tower Bolts of various lengths and diameter (with required screws)		
a	400mm long and 12mm dia	Each	115.00
b	300mm long and 12mm dia	Each	88.00
c	250mm long and 12mm dia	Each	66.00
d	200mm long and 12mm dia	Each	55.50



Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
e	150mm long and 12mm dia	Each	44.00
f	100mm long and 10mm dia	Each	38.50
g	75mm long and 10mm dia	Each	27.00
79	Aldrops of following lengths and diameter with required screws, bolts and nuts.		
a	300mm long and 16mm dia	Each	159.50
b	250mm long and 16mm dia	Each	137.50
c	200mm long and 16mm dia	Each	93.00
d	200mm long and 12mm dia	Each	77.50
80	Handles "D" type of various sizes with required screws		
a	200mm long	Each	49.00
b	150mm long	Each	44.00
c	100mm long	Each	27.00
81	Ornamental handles of various sizes with required screws		
a	200mm long	Each	132.00
b	150mm long	Each	88.00
c	100mm long	Each	49.00
82	Aluminium door stopper with rubber bush with required screws	Each	38.50
83	Rubber bush - 40 mm dia and 60 mm long with required screws	Each	21.00
84	Mortice Lock-(Godrej or equivalent) with required screws with 3 Keys		
a	With night latch	Each	441.00
b	Without night latch	Each	330.00
c	Wire nails	Kg	52.50
85	Teakwood beading		
a	15mm x 12mm	RM	12.50
b	35mm x 12mm	RM	31.50

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
86	Teakwood Beading (ordinary)		
a	30mm x 12mm	RM	26.00
b	25mm x 12mm	RM	21.00
87	Teakwood beading - Ornamental / design		
a	40mm x 12mm	RM	73.50
b	40mm x 15mm	RM	84.00
c	25mm x 12mm	RM	57.50
d	15mm x 12mm	RM	39.50
88	Medium Desity Fibre (MDF) Board - Exterior Grade, Both sides pre-lamiated including external lipping with kiln dried soft wood 35mm thick	sqm.	1680.00
89	Medium Density Fibre (MDF) Board - exterior Grade - Both sides pre-laminated, 12mm thick	sqm.	813.00
90	MDF Board exterior Grade - Plain including external lipping with kiln dried soft wood		
i	35mm thick	sqm.	1365.00
ii	30mm thick	sqm.	1260.00
91	Medium density fibre (MDF) Board 12 mm thick Exterior grade - with melamine finish.		
a	One side melamine finish	sqm.	866.00
b	Both sides melamine finish	sqm.	971.00
92	Medium density fibre (MDF) board - Exterior grade - Plain - With teak wook external lipping alround		
a	35mm thick	sqm.	1470.00
b	30mm thick	sqm.	1310.00
93	Solid core Flush shutters with Teak ply on both side with teak wook lipping alround 35 mm thick	sqm.	1730.00
94	Solid core Flush shutters with Teak ply on one side and commercial ply on other side with teak wook lipping alround 35 mm thick	sqm.	1520.00
95	Solid core Flush shutters with commercial ply on both side with teak wook lipping alround 35 mm thick	sqm.	1310.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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	sqm.	2490.00
b	Solid panel PVC door without frame	sqm.	2100.00
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 3m wall thickness for styles and rails etc., of sizes specified by Engineers.	sqm.	3255.00
b	Excluding door frames	sqm.	2700.00
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.	sqm.	1785.00
b	Excluding door frames	sqm.	1575.00
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	252.00
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	787.00
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	1100.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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 <sup>2</sup> area)	sqm.	2205.00
b	Gear operated type (from 8 m <sup>2</sup> to 12 m <sup>2</sup> area)	sqm.	2465.00
c	Electrically operated type (exceeding 12m <sup>2</sup> area)	sqm.	2675.00
B	ROLLING GRILLS (WITH ISI MONOGRAM)		
a	Manually operated (up to 8 m <sup>2</sup> area)	sqm.	2255.00
b	Gear operated (from 8 m <sup>2</sup> to 12 m <sup>2</sup> area)	sqm.	2520.00
c	Electrically operated (exceeding 12m <sup>2</sup> area)	sqm.	2805.00
103	Barbed Wire - 10 Gauge - Two ply and four pronged (Galvanised)	1 Kg or 6 RM	63.00
104	Chain link - 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes)	sqm.	162.50
105	Pin Headed / Fluted / Figured Glass 3mm thick	sqm.	210.00
106	Plain Glass - 4mm thick	sqm.	283.50
107	Plain Sheet Glass - 5.5mm thick	sqm.	336.00
108	Metal screws (for Aluminium Doors, windows etc.)		
i	75mm x 8mm	Each	2.10
ii	38mm x 6mm	Each	1.55
iii	19mm x 8mm	Each	1.05
iv	19mm x 6mm	Each	0.75
109	Cement paint (First quality)	Kg	46.00
110	Oil Bound Distemper	Kg	68.00
111	Acrylic Distemper	Kg	78.50
112	Primer for Plastic Emulsion paint	Litre	136.00
113	Plastic Emulsion paint (First quality)	Litre	273.00
114	Wood Primer	Litre	136.00
115	Synthetic Enamel paint for Wood work	Litre	220.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
116	Red Oxide primer for Iron work	Litre	126.00
117	Synthetic Enamel paint for Iron work	Litre	210.00
118	<b>G.I. Pipes "B" Class</b>		
i	65 mm dia	RM	220.50
ii	50 mm Dia	RM	189.00
iii	40 mm Dia	RM	147.00
iv	32 mm Dia	RM	136.50
v	25 mm Dia	RM	115.50
vi	20 mm Dia	RM	89.00
vii	15 mm Dia	RM	63.00
119	<b>G.I.Specials</b>		
A	<b>Union</b>		
i	50 mm Dia	Each	240.00
ii	40 mm Dia	Each	178.00
iii	32 mm Dia	Each	115.00
iv	25 mm Dia	Each	89.00
v	20 mm Dia	Each	63.00
vi	15 mm Dia	Each	52.50
B	<b>G.I. Elbow</b>		
i	50 mm Dia	Each	115.50
ii	40 mm Dia	Each	89.00
iii	32 mm Dia	Each	78.50
iv	25 mm Dia	Each	52.50
v	20 mm Dia	Each	23.00
vi	15 mm Dia	Each	14.50
C	<b>G.I. Bend</b>		
i	50 mm Dia	Each	105.00
ii	40 mm Dia	Each	78.50
iii	32 mm Dia	Each	63.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
iv	25 mm Dia	Each	47.00
v	20 mm Dia	Each	21.00
vi	15 mm Dia	Each	12.50
D	<b>G.I. TEE</b>		
i	50 mm Dia	Each	126.00
ii	40 mm Dia	Each	99.50
iii	32 mm Dia	Each	89.00
iv	25 mm Dia	Each	73.50
v	20 mm Dia	Each	31.50
vi	15 mm Dia	Each	26.00
E	<b>G.I. COUPLING</b>		
i	50 mm Dia	Each	63.00
ii	40 mm Dia	Each	52.50
iii	32 mm Dia	Each	42.00
iv	25 mm Dia	Each	26.00
v	20 mm Dia	Each	14.50
vi	15 mm Dia	Each	12.50
F	<b>G.I. REDUCER</b>		
i	50 mm x 40 mm Dia	Each	84.00
ii	40 mm x 32 mm Dia	Each	63.00
iii	32 mm x 25 mm Dia	Each	47.00
iv	25 mm x 20 mm Dia	Each	26.00
v	20 mm x 15 mm Dia	Each	18.50
vi	40 mm x 25 mm Dia	Each	47.00
vii	32 mm x 20 mm Dia	Each	36.50
G	<b>G.I. REDUCER ELBOW</b>		
i	50 mm x 40 mm Dia	Each	99.50
ii	40 mm x 32 mm Dia	Each	84.00
iii	32 mm x 25 mm Dia	Each	63.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
iv	25 mm x 20 mm Dia	Each	47.00
v	20 mm x 15 mm Dia	Each	36.50
vi	40 mm x 25 mm Dia	Each	63.00
vii	32 mm x 20 mm Dia	Each	52.50
H	<b>G.I. REDUCER TEE</b>		
i	50 mm x 40 mm Dia	Each	126.00
ii	40 mm x 32 mm Dia	Each	105.00
iii	32 mm x 25 mm Dia	Each	89.00
iv	25 mm x 20 mm Dia	Each	68.00
v	20 mm x 15 mm Dia	Each	63.00
vi	40 mm x 25 mm Dia	Each	94.50
vii	32 mm x 20 mm Dia	Each	73.50
I	<b>G.I. HEX NIPPLE</b>		
i	50 mm Dia	Each	78.50
ii	40 mm Dia	Each	63.00
iii	32 mm Dia	Each	52.50
iv	25 mm Dia	Each	39.50
v	20 mm Dia	Each	31.50
vi	15 mm Dia	Each	21.00
120	<b>Gun Metal Gate Valve (Heavy Duty)</b>		
i	65 mm dia	Each	1470.00
ii	50 mm Dia	Each	1200.00
iii	40 mm Dia	Each	945.00
iv	32 mm Dia	Each	735.00
v	25 mm Dia	Each	575.00
vi	20 mm Dia	Each	340.00
	<b>Note:</b> Gate Valves should be used only in devlivery 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.		

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
121	<b>Gun Metal Wheel Valve (Heavy Duty)</b>		
i	40 mm Dia	Each	630.00
ii	32 mm Dia	Each	498.00
iii	25 mm Dia	Each	341.00
iv	20 mm Dia	Each	236.00
v	15 mm Dia	Each	168.00
122	Brass chromium plated screw down Tap 15 / 12mm Dia (Heavy Type)	Each	183.50
123	Chromium plated stop cock 15mm Dia	Each	147.00
124	Brass chromium plated pillar Tap (Heavy type)- 15/12mm Dia	Each	262.50
125	Brass chromium plated shower Rose - 100mm Dia	Each	189.00
126	Wooden plug, clamp and screws	Set	10.50
127	Shellac	100 gram	15.75
128	Thread Ball	Each	3.15
129	Oriya Type Indian Water closet 580mm x 440mm with "P" or "S" Trap		
i	White	Set	945.00
ii	Colour	Set	1205.00
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	2415.00
ii	Colour	Set	2730.00
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	3400.00
ii	Colour	Set	4095.00



Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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	1310.00
ii	White with pedestal	Set	1575.00
iii	Colour without pedestal	Set	1755.00
iv	Colour with pedestal	Set	1940.00
133	White Porcelin 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	1680.00
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	575.00
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	760.00
136	Lipped Mouth Porcelin Flat Back Urinal with all accessories such as 32mm dia Bell mouth PVC connection, 15mm dia G.M. wheel value, 15mm dia 'B' Class G.I. waste water pipe, 15mm dia nylon connection, 15 mm dia brass nipple etc.,		
i	White	Set	735.00
ii	Colour	Set	840.00
137	Porcelin soap dish of size 150mm x 150mm x 50mm		
i	White	Each	155.00
ii	Colour	Each	210.00
138	Brass chromium plated soap tray of size 150mm x 100mm	Each	130.00
139	Brass chromium plated towel rail 60cm long and 20mm dia with brackets	Set	210.00
140	Anodised Aluminium Towel Rail 60cm long and 20mm dia with Brackets.	Set	105.00
141	PVC / Fibre Glass framed 5.5mm thick mirror, shelf type with Hard Board Backing		
i	600mm x 450mm	Each	390.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
ii	500mm x 400mm	Each	315.00
142	Stone ware gully trap of size 150mm x 100mm with cast Iron Double Gratings	Each	147.00
143	<b>Cast Iron Nahini / Floor Trap</b> with stainless Steel Grating		
i	100mm x 75mm	Each	240.00
ii	75mm x 50mm	Each	189.00
144	<b>PVC Nahini / Floor Trap</b> with PVC Grating		
i	100mm x 75mm	Each	131.00
ii	75mm x 50mm	Each	115.00
145	<b>First Quality cast Iron pipe</b>		
i	150mm Dia	RM	870.00
ii	100mm Dia	RM	525.00
iii	75mm Dia	RM	420.00
iv	50mm Dia	RM	299.00
146	<b>First Quality cast Iron Specials</b>		
A	<b>Plain Bend</b>		
i	150mm Dia	Each	472.50
ii	100mm Dia	Each	231.00
iii	75mm Dia	Each	178.50
iv	50mm Dia	Each	136.50
B	<b>Bend with Door</b>		
i	150mm Dia	Each	546.00
ii	100mm Dia	Each	278.00
iii	75mm Dia	Each	231.00
iv	50mm Dia	Each	183.50
C	<b>Plain TEE</b>		
i	150mm Dia	Each	945.00
ii	100mm Dia	Each	420.00
iii	75mm Dia	Each	288.50

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
iv	50mm Dia	Each	199.50
D	<b>TEE with Door</b>		
i	150mm Dia	Each	997.50
ii	100mm Dia	Each	483.00
iii	75mm Dia	Each	336.00
iv	50mm Dia	Each	241.50
E	<b>"Y" Junction with Door (single)</b>		
i	150mm Dia	Each	1050.00
ii	100mm Dia	Each	525.00
iii	75mm Dia	Each	367.50
iv	50mm Dia	Each	262.50
F	<b>"Y" Junction with Door (Double)</b>		
i	150mm Dia	Each	1155.00
ii	100mm Dia	Each	588.00
iii	75mm Dia	Each	441.00
G	<b>COWL</b>		
i	150mm Dia	Each	288.50
ii	100mm Dia	Each	173.00
iii	75mm Dia	Each	115.50
iv	50mm Dia	Each	89.00
147	<b>Stone Ware Pipe</b>		
i	150mm Dia	Each (0.6.RM)	84.00
ii	100mm Dia	Each (0.6.RM)	52.50
148	<b>Stone ware specials</b>		
A	<b>Stone ware TEE</b>		
i	150mm Dia	Each	136.50
ii	100mm Dia	Each	105.00
B	<b>Stone Ware Bend</b>		
i	150mm Dia	Each	115.50

Sl. No.	Name of Material	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
ii	100mm Dia	Each	84.00
C	<b>Stone ware "Y" Junction</b>		
i	150mm Dia	Each	141.50
ii	100mm Dia	Each	105.00
149	Spun Yarn	Kg	10.50
150	Hemp Yarn	Kg	9.45
151	Gunny Tape / Kithan	sqm.	9.45
152	Tar	Kg	33.60
153	Bitumen Felt 15 mm thick pad	sqm.	210.00
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)	sqm.	630.00
b	Using perforated sheets (10mm thick)	sqm.	819.00
155	Supplying and laying Glass wool for insulation including necessary packing materials.		
a	Using 50mm thick Glass wool	sqm.	323.00
b	Using 25mm thick Glass wool	sqm.	173.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)		
			WORKING PRESSURE		
			4 kg. per cm <sup>2</sup>	6 kg. per cm <sup>2</sup>	10 kg. per cm <sup>2</sup>
	WATER SUPPLY AND SANITARY ARRANGEMENTS				
156	PVC ITEMS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)				
1	PVC Pipes				
a	15 mm Dia	RM	--	--	12.50
b	20 mm Dia	RM	--	--	18.50
c	25 mm Dia	RM	--	--	31.50
d	32 mm Dia	RM	--	--	47.00
e	40 mm Dia	RM	--	--	73.50
f	50 mm Dia	RM	47.00	73.50	110.00
g	63 mm Dia	RM	68.00	99.50	--
h	75 mm Dia	RM	94.50	141.50	--
i	90 mm Dia	RM	110.00	168.00	--
j	110 mm Dia	RM	147.00	220.50	--
l	160 mm Dia	RM	304.50	430.50	--
Note	(1) For Rainwater down fall pipe works, only PVC Pipe of working Pressure of <b>4 kg. per sq.cm.</b> shall be adopted.				
	(2) For Sanitary arrangement items of works, only PVC Pipe of working Pressure of <b>6 kg. per sq.cm.</b> shall be adopted.				
	(3) For Water Supply arrangement items of works, only PVC Pipe of working Pressure of <b>10 kg. per sq.cm.</b> shall be adopted.				
157	PVC Specials for water supply arrangements				
A	Coupler				
a	15 mm Dia	Each	--	--	3.15
b	20 mm Dia	Each	--	--	3.65
c	25 mm Dia	Each	--	--	4.20
d	32 mm Dia	Each	--	--	5.25

Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)		
			WORKING PRESSURE		
			4 kg. per cm <sup>2</sup>	6 kg. per cm <sup>2</sup>	10 kg. per cm <sup>2</sup>
e	40 mm Dia	Each	--	--	7.85
f	50 mm Dia	Each	--	--	10.50
<b>B</b>	<b>Elbow</b>				
a	15 mm Dia	Each	--	--	4.70
b	20 mm Dia	Each	--	--	5.25
c	25 mm Dia	Each	--	--	7.35
d	32 mm Dia	Each	--	--	10.50
e	40 mm Dia	Each	--	--	14.70
f	50 mm Dia	Each	--	--	21.00
<b>C</b>	<b>BEND</b>				
a	15 mm Dia	Each	--	--	5.25
b	20 mm Dia	Each	--	--	6.30
c	25 mm Dia	Each	--	--	8.40
d	32 mm Dia	Each	--	--	12.50
e	40 mm Dia	Each	--	--	16.80
f	50 mm Dia	Each	--	--	26.25
<b>D</b>	<b>Tee</b>				
a	15 mm Dia	Each	--	--	6.30
b	20 mm Dia	Each	--	--	7.35
c	25 mm Dia	Each	--	--	10.50
d	32 mm Dia	Each	--	--	12.60
e	40 mm Dia	Each	--	--	21.00
f	50 mm Dia	Each	--	--	31.50
<b>E</b>	<b>End Cap</b>				
a	15 mm Dia	Each	--	--	3.15
b	20 mm Dia	Each	--	--	4.20
c	25 mm Dia	Each	--	--	5.25

Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)		
			WORKING PRESSURE		
			4 kg. per cm <sup>2</sup>	6 kg. per cm <sup>2</sup>	10 kg. per cm <sup>2</sup>
d	32 mm Dia	Each	--	--	6.30
e	40 mm Dia	Each	--	--	9.95
f	50 mm Dia	Each	--	--	13.65
<b>F</b>	<b>Reducer</b>				
a	20 mm x 15 mm	Each	--	--	4.20
b	25 mm x 20 mm	Each	--	--	4.70
c	32 mm x 25 mm	Each	--	--	7.35
d	40 mm x 32 mm	Each	--	--	9.95
e	50 mm x 40 mm	Each	--	--	16.80
<b>G</b>	<b>Reducer Tee</b>				
a	20 mm x 15 mm	Each	--	--	6.30
b	25 mm x 20 mm	Each	--	--	7.35
c	32 mm x 25 mm	Each	--	--	10.50
d	40 mm x 32 mm	Each	--	--	12.60
e	50 mm x 40 mm	Each	--	--	21.00
<b>H</b>	<b>Reducer Elbow</b>				
a	20 mm x 15 mm	Each	--	--	5.25
b	25 mm x 20 mm	Each	--	--	6.30
c	32 mm x 25 mm	Each	--	--	8.40
d	40 mm x 32 mm	Each	--	--	10.50
e	50 mm x 40 mm	Each	--	--	15.75
<b>J</b>	<b>Jet Nipple</b>				
a	25 mm Dia	Each	--	--	13.65
b	32 mm Dia	Each	--	--	17.85


Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
			"O" Ring Jointing	By pasting
<b>158</b>	<b>PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)</b>			
<b>A</b>	<b>Elbow</b>			
a	75 mm	Each	57.50	47.00
b	90 mm	Each	73.50	57.50
c	110 mm	Each	89.00	73.50
d	160 mm	Each	99.50	84.00
<b>B</b>	<b>Door Elbow</b>			
a	75 mm	Each	73.50	52.50
b	90 mm	Each	94.50	63.00
c	110 mm	Each	115.50	99.50
d	160 mm	Each	136.50	115.50
<b>C</b>	<b>Tee</b>			
a	75 mm	Each	78.50	73.50
b	90 mm	Each	99.50	89.00
c	110 mm	Each	131.00	120.50
d	160 mm	Each	147.00	131.00
<b>D</b>	<b>Tee with Door (Single)</b>			
a	75 mm	Each	99.50	94.50
b	90 mm	Each	120.50	105.00
c	110 mm	Each	152.00	141.50
d	160 mm	Each	183.50	168.00
<b>E</b>	<b>Tee with Door (Double)</b>			
a	75 mm	Each	126.00	120.50
b	90 mm	Each	173.00	157.50
c	110 mm	Each	210.00	199.50
d	160 mm	Each	241.50	215.00



Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
			"O" Ring Jointing	By pasting
<b>F</b>	<b>Bend</b>			
a	75 mm	Each	63.00	52.50
b	90 mm	Each	78.50	63.00
c	110 mm	Each	94.50	78.50
d	160 mm	Each	105.00	89.00
<b>G</b>	<b>"Y"</b>			
a	75 mm	Each	84.00	78.50
b	90 mm	Each	105.00	94.50
c	110 mm	Each	136.50	126.00
d	160 mm	Each	152.00	136.50
<b>H</b>	<b>"Y" with Door (single)</b>			
a	75 mm	Each	99.50	94.50
b	90 mm	Each	126.00	110.00
c	110 mm	Each	168.00	147.00
d	160 mm	Each	194.00	173.00
<b>I</b>	<b>"Y" with Door (Double)</b>			
a	75 mm	Each	136.50	131.00
b	90 mm	Each	183.50	168.00
c	110 mm	Each	220.50	210.00
d	160 mm	Each	267.50	241.50
<b>J</b>	<b>Double Tee with Door (Single)</b>			
a	75 mm	Each	173.00	141.50
b	90 mm	Each	199.50	162.50
c	110 mm	Each	235.00	204.50
d	160 mm	Each	262.50	231.00
<b>K</b>	<b>Double "Y" with Door (single)</b>			
a	75 mm	Each	189.00	157.50

Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
			"O" Ring Jointing	By pasting
b	90 mm	Each	210.00	178.50
c	110 mm	Each	241.50	225.50
d	160 mm	Each	294.00	262.50
<b>L</b>	<b>Reducer</b>			
a	75 mm x 63 mm	Each	57.50	47.00
b	110 mm x 63 mm	Each	73.50	63.00
c	110 mm x 75 mm	Each	84.00	73.50
d	110 mm x 90 mm	Each	94.50	84.00
f	160 mm x 110 mm	Each	110.00	105.00
<b>M</b>	<b>Shoe</b>			
a	110 mm dia	Each	--	63.00
b	160 mm dia	Each	--	94.50
<b>N</b>	<b>Vent Cowl</b>			
a	50 mm dia	Each	--	26.00
b	75 mm dia	Each	--	42.00
c	110 mm dia	Each	--	63.00
<b>159</b>	<b>PVC AND HDPE PIPES FOR BORE WELLS</b>			
<b>A</b>	<b>Special Blue Pipes for Bore Well</b>			
a	110 mm dia	RM	--	252.00
b	125 mm dia	RM	--	283.50
c	140 mm dia	RM	--	325.50
d	160 mm dia	RM	--	367.50
<b>B</b>	<b>Special Blue Slotted Pipes for Bore Wells</b>			
a	110 mm dia	RM	--	262.50
b	125 mm dia	RM	--	299.00
c	140 mm dia	RM	--	346.50
d	160 mm dia	RM	--	420.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
			"O" Ring Jointing	By pasting
<b>C</b>	<b>End Cap for Bore Well</b>			
a	110 mm dia	Each	--	78.50
b	125 mm dia	Each	--	84.00
c	140 mm dia	Each	--	94.50
d	160 mm dia	Each	--	105.00
<b>D</b>	<b>HDPE PIPES FOR SUB-MERSIBLE PUMP IN BORE WELL Class-5 (1 MPa or 10 kg./cm2 pressure)</b>			
a	20 mm dia	RM	--	26.00
b	25 mm dia	RM	--	47.00
c	32 mm dia	RM	--	63.00
d	40 mm dia	RM	--	89.00
e	50 mm dia	RM	--	126.00
	<b>OTHER ITEMS :</b>			
160	PVC screw down tap heavy type 20 mm dia	Each	--	68.00
161	PVC screw down tap heavy type 15 mm dia	Each	--	52.50
162	PVC Adhesive (solution)	100 gm	--	31.50
<b>163</b>	<b>PVC low level flushing tank with all internal fittings (wall mounting type)</b>			
a	White - 10 litre capacity	Set	--	787.50
b	White - 7.5 litre capacity	Set	--	603.50
c	Colour - 10 litre capacity	Set	--	892.50
d	Colour - 7.5 litre capacity	Set	--	708.50
164	PVC Water Tank	Litre	--	7.85

  
 for Engineer-in-Chief (Buildings) &  
 Chief Engineer (Buildings), Chennai Region &  
 Chief Engineer (General), PWD, Chennai-5  
 30/6/11

# ANNEXURE-VII

## RATES OF ELCTRICAL ITEMS OF WORKS

**Note:** No extra on cost, 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 2011-2012 (w.e.f. 01.07.2011)
	<b>RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.</b>		
	<b>PART - A</b>		
1	<b>INCANDESCENT BULBS 230V/250V GRADE BC/ES WITH ISI</b>		
	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	<b>INCANDESCENT BULB 230V/250V GRADE B.C/E.S</b>		
	Colour 15 Watts	Each	12.50
3	Blended Lamp 160 Watts	Each	242.00
3a	<b>PLLAMP (PHILIPS / OSRAM)</b>		
	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	<b>FLUORESCENT TUBULAR LAMPS WITH ISI MARK.</b>		
	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	<b>MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC</b>		
	a 80 Watts	Each	174.00

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
b	125 Watts	Each	182.00
c	250 Watts	Each	444.00
d	400 Watts	Each	626.00
6	<b>BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK.</b>		
a	4. Ft 40 Watts with ballast.	Each	306.00
b	4 Ft. 40 Watts Box type with Ballast. (Philips / Crompton / Wipro)	Each	450.00
7	<b>BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK.</b>		
a	4 Ft. 40 Watts	Each	575.00
b	4 Ft. 40 Watts Box type of (Philips / Crompton) with Ballast.	Each	750.00
8	<b>INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W</b>		
a	Single type suitable for 1 No.tube	Each	850.00
b	Twin type suitable for 2 Nos. tube	Each	1050.00
9	<b>DECORATIVE AND SINGLE FLUORESCENT TYPE FITTING WITH COPPER CHOKE &amp; CONDENSOR (HPF) COMPLETE SUITABLE FOR ONE NUMBER FLUORESCENT TUBE WITH ISI MARK</b>		
a	4 Ft. 40 Watts with Perspex		Deleted
10	<b>DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE &amp; CONDENSOR COMPLETE SUITABLE FOR 2 NOS. FLUORESCENT TUBES</b>		
a	4' 40 W Twin Mirror optic Recessed mounting fitting.	Each	1459.00
b	4' 40 W Twin Mirror optic Suspension type fitting. (Philips / Crompton / Wipro)	Each	2630.00
c	4'40 W Twin Mirror optic Recessed mounting type Philips / Crompton / wipro.	Each	1930.00
11	<b>SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE NO. FLUORESCENT TUBE WITH COPPER CHOKE &amp; CONDENSOR COMPLETE</b>		
a	4 Ft. 40 Watts type	Each	642.00

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
12	<b>TWIN TYPE STREET LIGHTS FLUORESCENT FITTING SUITABLE FOR 2 NOS. FLUORESCENT TUBES WITH COPPER CHOKE &amp; CONDENSOR COMPLETE</b>		
	a 4 Ft. 40 Watts type	Each	864.00
13	<b>POST TOP LANTERN FITTING OF (INTEGRAL TYPE WITH COPPER CHOKE &amp; CONDENSOR &amp; NECESSARY ACCESSORIES (PHILIPS / CROMPTON GREAVES / WIPRO) (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)</b>		
	a Suitable for 125 Watts M.V. Lamp	Each	3100.00
	b Suitable 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	<b>STARTERS FOR FLUORESCENT TUBES</b>		
	a Starters of capacity 20 Watts	Each	10.00
	b Starters of capacity 40 Watts	Each	10.00
15	<b>POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR (Philips / Crompton / Wipro)</b>		
	a 20 Watts fluorescent tube	Each	170.00
	b 40 Watts fluorescent tube	Each	170.00
	c 36 / 40W Electronic ballast for flu. Tube (Philips / Crompton)	Each	295.00
	d 36 / 40W Electronic ballast for flu. Tube (Indo Asean / Equivalent)	Each	240.00
16	<b>CONDENSOR FOR S.V. / M.V. LAMP</b>		
	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

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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 (Philips / Crompton / Bajaj)	Each	1120.00
	<b>(For Items 6 to 13, 20 &amp; 22, the rates are exclusive of cost of tubes and lamps)</b>		
21	Fan clamp (dia 12mm) with 6mm MS side plates & 45 cm cross arm	Each	120.00
22	<b>CALL BELLS</b>		
	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	<b>WATER HEATER WITH I.S.I MARK</b>		
	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 <b>(Venus / Racold)</b>	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 <b>(Venus / Racold)</b>	Each	7760.00
	<b>PART "B"</b>		
I	<b>FANS - CONFORMING TO ISS 374 / 1979.</b>		
	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

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
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	<b>EXHAUST FANS</b>		
a	A.C Exhaust Fan 225mm (9") sweep (Light duty)	Each	1059.00
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	<b>LOUVER SHUTTERS ARRANGEMENTS</b>		
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
	<b>PART "C"</b>		
	<b>SWITCHES</b>		
I	a 5 Amps (flush type)	Dozen	185.00
	b 5 Amps (Flush type staircase)	Dozen	230.00
II	<b>DOUBLE POLE SWITCHES (GEM / HPL / HAVELLS / EQUIVALENT)</b>		
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



Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
III	A	<b>TRIPLE POLE SWITCHES (side Handle) (Standard / HPL / Havell's / Equivalent)</b>		
	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
	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	<b>SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF) (L &amp; T / SIEMENS)</b>		
	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

Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
IV	B	<b>SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL) (L &amp; T / SIEMENS)</b>		
	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		<b>FUSE UNITS (Anchor / Equivalent)</b>		
	a	16 Amps Porcelain Fuse unit (500V)	Each	48.00
	b	32 Amps Porcelain Fuse unit (500V)	Each	85.00
	c	63 Amps Porcelain Fuse unit (500V)	Each	190.00
	d	100Amps Porcelain Fuse unit (500V)	Each	340.00
	e	200 Amps Porcelain Fuse unit (500V)	Each	550.00
VI		<b>SINGLE PHASE DBS (GEM / Equivalent)</b>		
	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		<b>THREE PHASE DBS (GEM / Equivalent)</b>		
	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

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
	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	<b>CHANGE OVER SWITCHES (GEM / HAVELL'S / HPL / STANDARD / EQUIVALENT)</b>		
	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
	<b>PART "D"</b>		
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
	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	<b>A SINGLE PHASE WATT HOUR METERS (HPL / Equivalent)</b>		
	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

Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
II	B	<b>THREE PHASE WATT HOUR METERS (Anchor / Equivalent)</b>		
	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
		<b>PART "E"</b>		
I		<b>SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK.</b>		
	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 <sup>1</sup> / <sub>2</sub> Core 25 sq.mm PVC armoured UG cable	Metre	191.20
	f	3 <sup>1</sup> / <sub>2</sub> Core 35 sq.mm PVC armoured UG cable	Metre	225.00
	g	3 <sup>1</sup> / <sub>2</sub> Core 50 sq.mm PVC armoured UG cable	Metre	293.90
	h	3 <sup>1</sup> / <sub>2</sub> Core 70 sq.mm PVC armoured UG cable	Metre	375.30
	i	3 <sup>1</sup> / <sub>2</sub> Core 95 sq.mm PVC armoured UG cable	Metre	486.10
	j	3 <sup>1</sup> / <sub>2</sub> Core 120 sq.mm PVC armoured UG cable	Metre	595.40
	k	3 <sup>1</sup> / <sub>2</sub> Core 150 sq.mm PVC armoured UG cable	Metre	703.00
	l	3 <sup>1</sup> / <sub>2</sub> Core 185 sq.mm PVC armoured UG cable	Metre	861.00
	m	3 <sup>1</sup> / <sub>2</sub> Core 240 sq.mm PVC armoured UG cable	Metre	1094.20
	n	3 <sup>1</sup> / <sub>2</sub> Core 300 sq.mm PVC armoured UG cable	Metre	1336.70
	o	3 <sup>1</sup> / <sub>2</sub> 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

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
II	<b>PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS:694/1990.</b>		
	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	<b>CONDUCTOR</b>		
	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	<b>CABLE GLANDS</b>		
	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 <sup>1</sup> / <sub>2</sub> core 25 sq.mm UG cable.	Each	44.00
	g Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 35 sq.mm UG cable.	Each	56.00
	h Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 50 sq.mm UG cable.	Each	56.00
	I Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 70 sq.mm UG cable.	Each	69.00
	j Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 95 sq.mm UG cable.	Each	84.00
	k Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 120 sq.mm UG cable	Each	107.00
	l Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 150 sq.mm UG cable	Each	141.00
	m Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 185 sq.mm UG cable	Each	167.00
	n Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 240 sq.mm UG cable	Each	167.00

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
	o Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 300 sq.mm UG cable	Each	200.00
	p Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 400 sq.mm UG cable	Each	285.00
	q Cable gland suitable for 3 <sup>1</sup> / <sub>2</sub> 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	<b>FUSE WIRE (COPPER)</b>		
	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	<b>NEUTRAL LINK 15 AMPS</b>		
	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
	<b>PART "F"</b>		
	<b>M.S.BOX WITH PAINTING (16 SWG)</b>		
	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
	<b>PART "G"</b>		
	<b>MS ANGLES</b>		
I	a 1 <sup>1</sup> / <sub>2</sub> "x1 <sup>1</sup> / <sub>2</sub> "x <sup>1</sup> / <sub>4</sub> " (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	42.00
	b 1 <sup>1</sup> / <sub>2</sub> " x 1 <sup>1</sup> / <sub>2</sub> " x <sup>1</sup> / <sub>2</sub> " (37.5 x 37.5 x 12.5mm)	KG	42.00
	c 2" x 2" x <sup>1</sup> / <sub>2</sub> " (50 x 50 x 12.5mm)	KG	42.00
II	<b>ALUMINIUM FLAT</b>		
	a Aluminium Flat (1" x <sup>1</sup> / <sub>4</sub> ") (25 x 6.25mm)	KG	175.00

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
	b Aluminium Flat (1" x 1/8")	KG	175.00
III	<b>COPPER FLAT</b>		
	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	<b>POWER CAPACITOR</b>		
	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
	<b>PART "H"</b>		
I	<b>CONDUIT MATERIALS 16 GAUGE.</b>		
	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	<b>CONDUIT TEE BENDS</b>		
	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	<b>CONDUIT BENDS - 16 GAUGE</b>		
	a Conduit solit bends 16mm (5/8")	Dozen	80.00
	b Conduit solit bends 19mm (3/4")	Dozen	90.00
	c Conduit solit bends 25mm (1")	Dozen	105.00
	d Conduit solit bends 32mm (1 1/4")	Dozen	124.00
	e Conduit solit bends 38mm (1 1/2")	Dozen	176.00

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
	f Conduit solit bends 50mm (2")	Dozen	215.00
IV	<b>CONDUIT INSPECTION BEND-16 GAUGE</b>		
	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 <sup>1</sup> / <sub>4</sub> ")	Dozen	128.00
	e Conduit Inspection bends 38mm (1 <sup>1</sup> / <sub>2</sub> ")	Dozen	165.00
	f Conduit Inspection bends 50mm (2")	Dozen	187.00
	g Conduit Inspection bends 65mm (2 <sup>1</sup> / <sub>2</sub> ")	Dozen	240.00
	<b>PART "I"</b>		
I	<b>P.V.C.(RIGID) PIPES (1.8MM THICK) WITH ISI</b>		
	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 <sup>1</sup> / <sub>4</sub> ")	Metre	41.80
	e P.V.C. rigid pipes 40mm (1 <sup>1</sup> / <sub>2</sub> ")	Metre	59.35
	f P.V.C. rigid pipes 50mm (2")	Metre	89.00
II	<b>P.V.C. RIGID BENDS</b>		
	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 <sup>1</sup> / <sub>4</sub> ")	Each	7.25
	e P.V.C. rigid bends 40mm (1 <sup>1</sup> / <sub>2</sub> ")	Each	18.00
	f P.V.C. rigid bends 50mm (2")	Each	22.00
III	<b>P.V.C COUPLES</b>		
	a P.V.C Couples 16mm (5/8")	Dozen	13.00
	b P.V.C Couples 19mm (3/4")	Dozen	13.00
	c P.V.C Couples 25mm (1")	Dozen	25.00
	d P.V.C Couples 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Dozen	57.00



Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
e	P.V.C Couples 38mm (1½")	Dozen	123.00
f	P.V.C Couples 50mm (2")	Dozen	129.00
IV	<b>P.V.C. TEES</b>		
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 (1¼")	Dozen	85.00
e	P.V.C. Tees 38mm (1½")	Dozen	274.00
f	P.V.C. Tees 50mm (2")	Dozen	300.00
V	<b>P.V.C. SADDLES</b>	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 (1¼")	Dozen	5.00
e	P.V.C. Saddles 38mm (1½")	Dozen	6.00
f	P.V.C. Saddles 50mm (2")		12.00
VI	<b>P.V.C. JUNCTION BOXES</b>		
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 (1¼")	Dozen	105.00
e	Junction Boxes 1, 2, 3 & 4 way 38mm (1½")	Dozen	125.00
VII	<b>P.V.C. HYLEM SHEETS</b>		
a	Hylem sheet 3mm Thick	Sq.m	610.00
VIII	<b>INSULATION TAPE P.V.C</b>		
a	PVC Insulation Tape (19mm)	Roll/10 mt	15.00
b	Empire Tape (12mm)	Roll/10 mt	20.00
c	Empire Tape (19mm)	Roll/10 mt	24.00

Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
	<b>PART "J"</b>			
	<b>TEAK WOOD MATERIALS</b>			
I	<b>T.W. BOX CONCEALED TYPE</b>			
	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 1½" x 1" x 2"	1000 Nos.	310.00	
	f T.W. Round blocks	100 Nos.	600.00	
	<b>PART " K"</b>			
I	<b>CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES</b>			
	<b>Size</b>		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

Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)
II		<b>CABLE ROUTE INDICATOR</b>		
	a	Cable route indicator for L.T. Cable	Each Box	70.00
	b	Cable route indicator for H.T. Cable	Each Box	70.00
		<b>PART "L"</b>		
I		<b>BRASS SCREWS</b>		
	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		<b>CONDUIT SADDLES</b>		
	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	<b>SODIUM VAPOUR FITTINGS &amp; LAMP (for External electrification &amp; campus lighting)</b>		
	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

Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
V	B	<b>SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (PHILIPS / CROMPTON GREAVES / WIPRO / BAJAJ)</b>			
	a	400 Watts Sodium Vapour fittings	Each	9500.00	
	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		<b>MINIATURE CIRCUIT BREAKERS 240 V / 415V 50 HZ - AC SUPPLY suitable for both lighting and Motor Circuits.</b>		<b>Legrand/ Hager</b>	<b>All other makes with ISI (Std.) / HPL / Havell's / Equivalent)</b>
	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

Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
VII		<b>PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT M.C.B.S</b>		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
	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	<b>RCCB / ELCB</b>			
	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	<b>RCCB / ELCB</b>			
		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		<b>HRC - FUSES</b>			
	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

Item No.		Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
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
	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		<b>HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS</b> 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

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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	3667.00	2175.00
II	<b>TPMCB DB with metal door cover with IP 42 protection</b>			
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	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 outgoing ways - 18	Each	2790.00	2270.00
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	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	<b>TPMCB DB with acrylic door cover with IP42 protection</b>			
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	<b>Industrial type TPMCB DB with IP 54 protection</b>			
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	--


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	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	--
XII	<b>VERTICAL THREE PHASE DISTRIBUTION BOARD WITH MCBS</b> 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 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 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 <b>Module type with IP 20 protection</b>			
	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	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 outgoing 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 outgoing ways - 36	Each	8350.00	5525.00
	II <b>TPMCB DB with metal door cover with IP 42 protection</b>			
	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	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 outgoing 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 outgoing ways - 36	Each	9148.00	6700.00
	III <b>TPMCB DB with acrylic door cover with IP42 protection</b>			
	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	6514.00	--



Item No.	Details	Per	Rate approved for the year 2011-2012 (w.e.f. 01.07.2011)	
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	8278.00	--
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	11044.00	--
IV	<b>Industrial type TPMCB DB with IP 54 protection</b>			
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	<b>7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB</b> 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	<b>Module type with IP 20 protection</b>			
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	--

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	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	--
	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	<b>TPMCB DB with metal / acrylic door cover with IP 42 protection</b>			
	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		<b>SINGLE PHASE DISTRIBUTION BOARD WITH MCBs</b> 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	<b>Module type with IP 20 protection</b>			
	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

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c	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 12	Each	906.00	576.00
II	<b>SPMCB DB with metal door cover with IP 42 protection</b>			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings 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 outgoings 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 outgoings ways - 12	Each	1341.00	1025.00
III	<b>SPMCB DB with acrylic door cover with IP42 protection</b>			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings 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 outgoings 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 outgoings ways - 12	Each	1505.00	--
IV	<b>Industrial type TPMCB DB with IP 54 protection</b>			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings 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 outgoings 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 outgoings ways - 12	Each	3615.00	--

  
 for Engineer-in-Chief (Buildings) &  
 Chief Engineer (Buildings), Chennai Region &  
 Chief Engineer (General), PWD, Chennai-5

30/6/11