



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

STANDARD SCHEDULE OF RATES

[FOR BASIC ITEMS ONLY]

BASIC RATES (EXCLUDING GST & OTHER TAXES)

2018-2019

[WITH EFFECT FROM 01.06.2018]



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

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

**Present: Er. M. Bakthavathsalam, M.Tech., MIE.,
Engineer-in-Chief, WRD &
Chief Engineer (General), PWD.**

Proceedings No. HDO (A) / 22368 / 2018-1, dated 22.05.2018

Sub: Public Works Department – **Standard Schedule of Rates with Basic Rates for the year 2018-2019** for adoption in preparation of estimates with effect from **01.06.2018** – Approved – Communication of – Regarding.

Ref: Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No.HDO (A) / 10348 / 2017-1, dated 20.10.17.



The Standard Schedule of Rates with Basic Rates, Basic Cost of Cement and Basic Cost of Steel (excluding all taxes and GST) approved for the year **2018-2019** by the Schedule of Rates Committee for adoption in the preparation of estimates **with effect from 01.06.2018** are herewith enclosed for taking necessary action.

2.0. The receipt of Standard Schedule of Rates with Basic Rates for the year 2018-2019 along with its enclosures may be acknowledged.

Encl.:

Standard Schedule of Rates
with Basic Rates, 2018-19-1 Booklet

22/5/18
**Engineer-in-Chief, WRD &
Chief Engineer (General),
PWD, Chennai-5**

To

1. The Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region, Chennai-5.
2. The Director General, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

Copy to all Chief Engineers of Water Resources Department and Superintending Engineers of WRD Circles through Engineer-in-Chief, Water Resources Department, Chennai-5 (with 40 copies) with a request to instruct the Superintending Engineers of WRD Circles to prepare required number of Standard Schedule of Rates for the year 2018-2019 pertaining to the districts under their jurisdiction and to arrange for supply the same to all the Offices of WRD and PWD upto the level of Section Officers for adoption in preparation of estimates and also to the respective District Collectors.

Copy to the Chief Engineer (Buildings), PWD, Trichy Region, Trichy.

Copy to the Chief Engineer (Buildings), PWD, Madurai Region, Madurai.

Copy to all Superintending Engineers of Building Organisation.

Copy to the Secretary to Government, Public Works Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Municipal Administration and Water Supply Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Rural Development and Local Administration, Secretariat, Chennai-9.

Copy to all District Collectors.

Copy to the Commissioner, Corporation of Chennai, Chennai

Copy to the Engineering Director, TWAD Board, Chepauk, Chennai-5.

Copy to the Chief Engineer (Civil Design), TNEB, Anna Salai, Chennai-2.

Copy to the Chief Engineer, Tamil Nadu Housing Board, Nandanam, Chennai-35.

Copy to Chief Engineer (Civil Design), Tamil Nadu Slum Clearance Board, Chennai.

Copy to the Chief Engineer, PWD, Technical Education Circle, Guindy, Chennai-25.

Copy to the Chief Engineer, PWD, Fishing Harbour Project Circle, DMS Compound, Chennai-6.

Copy to the Chief Engineer, Tamil Nadu State Police Housing Corporation, Chennai

Copy to the Joint Chief Engineer (General), PWD, Chennai-5.

Copy to the Joint Chief Engineer (Buildings), PWD, Chennai-5.

Copy to the Joint Chief Engineer (Irrigation), PWD, Chennai-5.

Copy to the Superintending Engineer, PWD, Planning and Designs Circle, Chennai-5.

Copy to the Deputy Chief Engineer (Buildings), PWD, Chennai-5.

Copy to all Executive Engineers, PWD, Building Organisation.

Copy to the Head Draughting Officer, O/o. the Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region, PWD, Chennai-5 (5 Copies).

Copy to All Assistant Executive Engineers, O/o. the Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region, PWD, Chennai-5.

Copy to Stock File

Spare copy - 1 No.



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

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

**Present: Er. M. Bakthavathsalam, M.Tech., MIE.,
Engineer-in-Chief, WRD &
Chief Engineer (General), PWD.**

Proceedings No. HDO (A) / 22368 / 2018-2, dated 22.05.2018

Sub: Steel – Basic Cost for **STEEL** for adoption in the preparation of estimates during the year **2018-2019** with effect from **01.06.2018** – Approved – Communication of – Regarding.

Ref: Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No.HDO (A) / 10348 / 2017-2, dated 20.10.17.



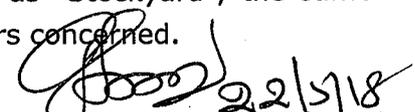
The **Basic Cost of Steel (excluding all taxes and GST)** approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2018-2019 **with effect from 01.06.2018** is given below:

Steel : Rs.44,190/- per MT

(Rupees Forty Four Thousand, One Hundred and Ninety only)

2.0. The above rate is excluding of all taxes & GST, 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.


**Engineer-in-Chief, WRD &
Chief Engineer (General),
PWD, Chennai-5**

To

1. The Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region, Chennai-5
2. The Director General, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

Copy to the Chief Engineer (Buildings), PWD, Trichy Region, Trichy.

Copy to the Chief Engineer (Buildings), PWD, Madurai Region, Madurai.

Copy to All Superintending Engineers of Building Organisation.

Copy to the Secretary to Government, Public Works Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Municipal Administration and Water Supply Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Rural Development and Local Administration, Secretariat, Chennai-9.

Copy to All District Collectors.

Copy to the Commissioner, Corporation of Chennai, Chennai

Copy to the Engineering Director, TWAD Board, Chepauk, Chennai-5.

Copy to the Chief Engineer (Civil Design), TNEB, Anna Salai, Chennai-2.

Copy to the Chief Engineer, Tamil Nadu Housing Board, Nandanam, Chennai-35.

Copy to Chief Engineer (Civil Design), Tamil Nadu Slum Clearance Board, Chennai.

Copy to the Chief Engineer, PWD, Technical Education Circle, Guindy, Chennai-25.

Copy to the Chief Engineer, PWD, Fishing Harbour Project Circle, DMS Compound, Chennai-6.

Copy to the Chief Engineer, Tamil Nadu State Police Housing Corporation, Chennai

Copy to the Joint Chief Engineer (General), PWD, Chennai-5.

Copy to the Joint Chief Engineer (Buildings), PWD, Chennai-5.

Copy to the Joint Chief Engineer (Irrigation), PWD, Chennai-5.

Copy to the Superintending Engineer, PWD, Planning and Designs Circle, Chennai-5.

Copy to the Deputy Chief Engineer (Buildings), PWD, Chennai-5.

Copy to All Executive Engineers, PWD, Building Organisation.

Copy to the Head Draughting Officer, O/o. EIC (B) & CE (B), CR, PWD, CH-5.

Copy to All Assistant Executive Engineers, O/o. EIC (B) & CE (B), CR, PWD, CH-5.



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

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

**Present: Er. M. Bakthavathsalam, M.Tech., MIE.,
Engineer-in-Chief, WRD &
Chief Engineer (General), PWD.**

Proceedings No. HDO / 22368 / 2018-3, dated 22.05.2018

Sub: Cement – Basic Cost for **CEMENT** for adoption in the preparation of estimates during the year **2018-2019** with effect from **01.06.2018** – Approved – Communication of – Regarding.

Ref: Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No.HDO (A) / 10348 / 2017-3, dated 20.10.17.



The **Basic Cost of Cement (excluding all taxes and GST)** for the year 2018-2019 approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2018-2019 **with effect from 01.06.2018** is given below:

Cement : Rs.5,530/- per MT

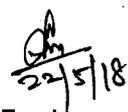
(Rupees Five Thousand, Five Hundred and Thirty only)

2.0. The above rate is excluding all taxes & GST, 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.


**Engineer-in-Chief, WRD &
Chief Engineer (General),
PWD, Chennai-5**

To

- 
1. The Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region, Chennai-5.
 2. The Director General, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.
 3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
 4. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

Copy to the Chief Engineer (Buildings), PWD, Trichy Region, Trichy.

Copy to the Chief Engineer (Buildings), PWD, Madurai Region, Madurai.

Copy to All Superintending Engineers of Building Organisation.

Copy to the Secretary to Government, Public Works Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Municipal Administration and Water Supply Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Rural Development and Local Administration, Secretariat, Chennai-9.

Copy to All District Collectors.

Copy to the Commissioner, Corporation of Chennai, Chennai

Copy to the Engineering Director, TWAD Board, Chepauk, Chennai-5.

Copy to the Chief Engineer (Civil Design), TNEB, Anna Salai, Chennai-2.

Copy to the Chief Engineer, Tamil Nadu Housing Board, Nandanam, Chennai-35.

Copy to Chief Engineer (Civil Design), Tamil Nadu Slum Clearance Board, Chennai.

Copy to the Chief Engineer, PWD, Technical Education Circle, Guindy, Chennai-25.

Copy to the Chief Engineer, PWD, Fishing Harbour Project Circle, DMS Compound, Chennai-6.

Copy to the Chief Engineer, Tamil Nadu State Police Housing Corporation, Chennai

Copy to the Joint Chief Engineer (General), PWD, Chennai-5.

Copy to the Joint Chief Engineer (Buildings), PWD, Chennai-5.

Copy to the Joint Chief Engineer (Irrigation), PWD, Chennai-5.

Copy to the Superintending Engineer, PWD, Planning and Designs Circle, Chennai-5.

Copy to the Deputy Chief Engineer (Buildings), PWD, Chennai-5.

Copy to All Executive Engineers, PWD, Building Organisation.

Copy to the Head Draughting Officer, O/o. EIC (B) & CE (B), CR, PWD, CH-5

Copy to All Assistant Executive Engineers, O/o. EIC (B) & CE (B), CR, PWD, CH-5.

STANDARD SCHEDULE OF RATES
[FOR BASIC ITEMS ONLY]
BASIC RATES (EXCLUDING GST & OTHER TAXES)

2018-2019

INDEX

Sl. No.	Description	Page
1	General Note	01-07
2	General Note – Table	08-10
3	Annexure-I – Rates of Labour	11-14
4	Annexure-II – Rates of Materials	15-22
5	Annexure-III – Rates of Works	23-33
6	Annexure-IV – Head Load	34
7	Annexure-V – (A) Conveyance Table in Plains	35
8	Annexure-V – (B) Conveyance Table in Hills	36
9	Annexure-VI – Rates of Other Construction Materials	37-72
10	Annexure-VII – Rates of Electrical Items of Works	73-110

**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

STANDARD SCHEDULE OF RATES FOR THE YEAR 2018-2019

GENERAL NOTE

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.

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

- (i) Erstwhile Chennai Corporation limits and the belt area of 32 km around erstwhile Chennai Corporation limits (i.e.) prior to formation of Greater Chennai Corporation.
- (ii) Madurai Corporation limits.
- (iii) 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 **Madurai**, 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** shall be allowable on the Rates of Materials which are 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, Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Idumban Hills, Megamalai 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 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 Districts.

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 Ramanathapuram 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):

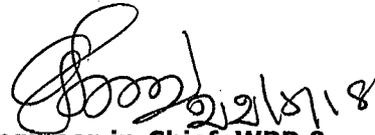
An extra 75% on the Rates of Labour employed for the items of works, which may have to be executed **by hanging from the top of Dam through slings (or) rope ladders to work in dizzy height. (This will apply only for maintenance and repair works).**

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, WRD & Chief Engineer (General), PWD, Chennai-5 for consideration by the Schedule of Rates Committee and approval.

- (ix) As per Notification No.31/2017- Central Tax(Rate) dated 13th October, 2017 the concessional rate of GST at 12% [CGST at 6%+ SGST at 6%] is leviable for any Government contract, whether Civil or Electrical, irrespective of the GST rate applicable on purchase of goods used in the execution of Government Contract. The contractor is eligible to get refund of excess tax paid over or liable to pay tax as per Notification No.20/2017, Central Tax (Rate) dated 22.8.2017, Notification No.24/2017, Central Tax (Rate) dated 21.9.2017 and Notification No.31/2017, Central Tax (Rate) dated 13.10.2017.
- (x) Further, for Works Contract services involving predominantly earth works (that is, constituting more than 75% of the value of the works contract) supplied to Central Government, State Governments, Local Authority, Governmental Authority for Government Entity shall be taxed at 5% as per Notification No.31/2017 – Central Tax (Rate) dated 13th October, 2017. Therefore, for such contract the amount of GST is to be calculated at 5% [CGST at 2.5%+ SGST at 2.5%] over and above the Basic rate.


22/5/18
**Engineer-in-Chief, WRD &
Chief Engineer (General),
PWD, Chennai-5**

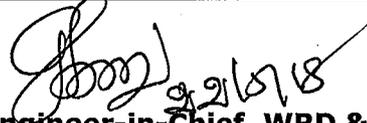

22/5/18

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2018-2019
(with effect from 01.06.2018)**

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
1	For works in (i) Erstwhile Chennai Corporation limits and the belt area of 32 km around erstwhile Chennai Corporation limits (i.e.) prior to formation of Greater Chennai Corporation, (ii) Madurai Corporation limits, (iii) 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%
3	Restricted Areas					
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%
4	Hills					
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 Madurai, Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts	20%	20%	20%	-	20%
	In Madurai, Theni and Dindigul Districts					
vi	For works at Thekkady	50%	25%	-	-	-
vii	For works at Periyar Dam Site	-	60%	-	-	-
viii	For works at Periyar Dam Site under normal condition	100%	-	-	-	-
ix	For works at Periyar Dam Site under hanging condition	150%	-	-	-	-

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
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%
5	Islands					
i	For works at Rameswaram Island in Ramanathapuram District	25%	-	25%	-	25%
ii	For works in other Islands, viz. Upputhannie, Puleevilaichalli, Alaiappar, Valimunai, Appa, Thalaiyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Muyal, Singala, Kuruseedar Islands in Ramanathapuram District	125%	125%	125%	125%	125%

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
iii	For works in Van, Kasuvar, Karaichalli and Vilankurichi Islands in Thoothukudi District	125%	125%	125%	125%	125%
6	Tunnels					
i	Where human labour alone is involved	15%	-	15%	-	-
7	Dam sites under hanging condition					
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%	-	-	-	-


**Engineer-in-Chief, WRD &
Chief Engineer (General), PWD,
Chennai-5**


22/5/18

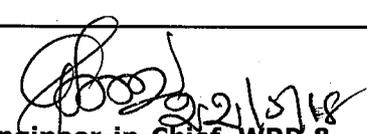
ANNEXURE-I
RATES OF LABOUR

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
1	2	Axe Mazdoor	Day	332.00
2	4	Blacksmith-I Class	Day	437.00
3	4A	Blacksmith-II Class	Day	403.00
4	5	Boat Mazdoor	Day	367.00
5	8	Bullocks Pair with Driver (with Bandy)	Day	656.00
6	8A	Bullocks Single with Driver (with Bandy)	Day	472.00
7	11	Carpenter-I Class	Day	555.00
8	12	Carpenter-II Class	Day	508.00
9	13	Caulker	Day	367.00
10	15	Cleaner-First Grade	Day	295.00
11	15A	Cleaner-Second Grade	Day	280.00
12	18	Ferry Mazdoor	Day	367.00
13	19	Fitter-I Class	Day	501.00
14	19A	Fitter-II Class	Day	467.00
15	20	Fitter (Pipe Laying / Bar Bending)-I Class	Day	493.00
16	20A	Fitter (Pipe Laying / Bar Bending)-II Class	Day	458.00
17	21	Floor Polisher	Day	437.00
18	22	Gardener	Day	332.00
19	25	Hammer Mazdoor	Day	352.00
20	26	Head Mazdoor for Well Sinking	Day	367.00
21	27	Driver (Light Duty)	Day	437.00
22	27A	Driver (Heavy Duty)	Day	467.00
23	28	Jumper Mazdoor	Day	332.00
24	36	Maistry, Road Inspector & Work Inspector	Day	421.00
25	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	467.00
		New Labourers for Heritage Works		
26		Skilled Mason Class-I for Heritage Work	Day	800.00
27		Skilled Mason Class-II for Heritage Work	Day	700.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
28	37	Mason for Brick Work-I Class	Day	567.00
29	37A	Mason for Brick Work-II Class	Day	508.00
		New Labour for Heritage Works		
30		Skilled Sthapati Brick Mason for Heritage Work	Day	1000.00
31	38	Mason for Stone Work-I Class	Day	567.00
32	38A	Mason for Stone Work-II Class	Day	508.00
		New Labour for Heritage Works		
33		Skilled Sthapati Stone Mason for Heritage Work	Day	1000.00
34	39A	Mazdoor Category-I	Day	355.00
35	39B	Mazdoor Category-II	Day	320.00
36	39C	Head Mazdoor	Day	367.00
37	40	Mechanic-I Class	Day	437.00
38	40A	Mechanic-II Class	Day	403.00
39	42	Mopla-I Class	Day	436.00
40	42A	Mopla-II Class	Day	403.00
41	43	Navagonies or Javali Man-I Class	Day	367.00
42	44	Painter / Varnisher-I Class	Day	454.00
43	44A	Painter / Varnisher-II Class	Day	421.00
44	46	Pile Driver	Day	403.00
45	47	Plumber-I Class	Day	493.00
46	47A	Plumber-II Class	Day	458.00
47	48	Pump Driver	Day	367.00
48	52	Sawyer	Day	403.00
49	54	Smith-I Class	Day	436.00
50	54A	Smith-II Class	Day	403.00
51	55	Sprayer Mazdoor (for Bitumen, Tar etc.)	Day	332.00
52	56	Stone Cutter-I Class	Day	436.00
53	56A	Stone Cutter-II Class	Day	403.00
54	58	Syrang-I Class	Day	436.00
55	58A	Syrang-II Class	Day	403.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
56	60	Thatcher	Day	352.00
57	62	Tinker-I Class	Day	352.00
58	62A	Tinker-II Class	Day	332.00
59	63	Turner-I Class	Day	403.00
60	63A	Turner-II Class	Day	367.00
61	64	Time Keeper-I Class	Day	436.00
62	64A	Time Keeper-II Class	Day	403.00
63	67	Welder / Bracer-I Class	Day	436.00
64	67A	Welder / Bracer-II Class	Day	403.00
65	68	Well Diver for removing silt-I Class	Day	436.00
66	68A	Well Diver for removing silt-II Class	Day	403.00
67	69	Well Sinker-I Class	Day	493.00
68	69A	Well Sinker-II Class	Day	458.00
69	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	508.00
70	72	Wodder	Day	367.00
		Technical Assistant		
71	76A	Technical Assistant Grade-I (B.E.Passed)	Day	728.00
72	76B	Technical Assistant Grade-II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	656.00
73	76C	Technical Assistant Grade-III (Diploma in Engg. Failed / ITI (Civil) Passed)	Day	555.00
74	76D	Cinema Operator (ITI Passed)	Day	458.00
75	76E	B.Sc., (Agriculture) Passed	Day	656.00
76	77A	Laboratory Assistant Grade-I (Post Graduate in Science)	Day	555.00
77	77B	Laboratory Assistant Grade-II (Degree in Science / Degree in Geology for Ground water)	Day	508.00
78	77C	Laboratory Assistant Grade-III (With Degree Qualification to work as works clerk)	Day	458.00
79	78A	Mazdoor employed for Geological mapping	Day	355.00
80	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	355.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
81	78C	Mazdoor employed for Geophysical investigation works	Day	355.00
82	78D	Head Mazdoor to Supervise exploratory works	Day	375.00
83	79	Mixer Operator (including concrete mixer)	Day	386.00
84	80	Mixer Driver	Day	367.00
85	81	Compressor Operator	Day	386.00
86	89A	Computer Operator Grade-I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	728.00
87	89B	Computer Operator Grade-II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	656.00
88	90A	Irrigation Community Organaiser Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	702.00
89	90B	Irrigation Community Organaiser Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	585.00
90	95	Heatmaster Operator	Day	367.00
91	96	Raker	Day	367.00
92	97	Geological Assistant	Day	539.00
93	98	Stone & Crusher Operator	Day	386.00
94	99	Heavy Mazdoor	Day	386.00
		Electrical Workers		
95	100	Wireman Grade-I / Electrician Grade-I	Day	494.00
96	101	Wireman Grade-II / Electrician Grade-II	Day	467.00
97	102	Electrical Helper	Day	352.00
98	103	Lift Operator	Day	421.00
99	104	Laboratory Attendant	Day	314.00
100	105	Sound Service Operator	Day	352.00
101	106	Electrical Maistry	Day	539.00
Note:	The Basic Rate adopted under this Head, "Annexure-I – Rates of Labour" is exclusive of all taxes and GST.			


 22/5/18
 Engineer-in-Chief, WRD &
 Chief Engineer (General), PWD,
 Chennai-5

**ANNEXURE-II
RATES OF MATERIALS**

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		A. BRICKS AND TILE PRODUCTS		
	1	Second Class Table Moulded Chamber Burnt Bricks		
1	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	7085.00
2	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	6810.00
	2	Second Class Ground Moulded Chamber Burnt Bricks		
3	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	6100.00
4	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	5925.00
	3	Third Class Country Brick Kiln Burnt		
5	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ³ / ₄ "	1000 Nos.	5130.00
6	b	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ¹ / ₄ "	1000 Nos.	4035.00
7	c	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	3865.00
	3A	Fly Ash Bricks		
8	a	230 x 110 x 70mm	1000 Nos.	5925.00
	b	230 x 110 x 75mm	1000 Nos.	6100.00
	4	Specially Moulded Country Brick for well steining		
9	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	2275.00
10	b	Perforated Bricks 19 x 9 x 9cm	1000 Nos.	3465.00
11	c	Terrace Bricks 15 x 7.5 x 2.5cm	1000 Nos.	890.00
		New Items for Heritage Works		
12		Special Bricks 8" x 4" x 2" for Heritage Works	1000 Nos.	12000.00
13		Terrace Bricks 6" x 3" x 1" for Heritage Works	1000 Nos.	9000.00
14		Wire Cut Bricks for Heritage Works		
a		Size 9" x 4" x 3"	1000 Nos.	12000.00
b		Size 9" x 4" x 2"	1000 Nos.	10000.00
c		Size 9" x 6.5" x 2"	1000 Nos.	15000.00
	8	Flat Tiles		
15	a	15cm x 15cm x 12mm	1000 Nos.	745.00
16	b	15cm x 15cm x 20mm	1000 Nos.	884.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
	10	Brick Jelly		
17	a	40mm size	cum.	635.00
18	b	20mm size	cum.	707.00
	11	Pressed Tiles		
19	a	20 x 20 x 2cm	1000 Nos.	10400.00
20	b	23 x 23 x 2cm	1000 Nos.	14750.00
	12	Pan Tiles		
21	a	23cm x 8cm x 1.7cm	1000 Nos.	405.00
22	b	16.5cm x 8cm x 1.7cm	1000 Nos.	334.00
	13	Best Mangalore Tiles		
23	a	I Class 'A'	1000 Nos.	9700.00
24	b	Class 'AA'	1000 Nos.	9900.00
25	c	Best Mangalore Ridge Tiles	1000 Nos.	28400.00
26	d	Best Mangalore Ceiling Tiles	1000 Nos.	5970.00
27	e	Best Mangalore Glass Roofing Tiles	Each	280.00
28	f	Best Mangalore Ventilating Tiles (Single)	Each	42.60
29	g	Best Mangalore Ventilating Tiles (Double)	Each	53.40
	23A	Mosaic Flooring Tiles (Grey)		
30	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	10900.00
31	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	6970.00
	23C	Mosaic (other Colour)		
32	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	15050.00
33	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	8880.00
34	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	10900.00
35	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	17100.00
36	24	Mosaic Chequered Tile Grey Colour Size 25 x 25 x 2 cm	1000 Nos.	13700.00
		New Items for Heritage Works		
37		Attangudi Tiles for Heritage Works		
a		Size 8" x 8" x 3/4"	Each	25.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
b		Size 10" x 10" x 3/4"	Each	30.00
		B. STONE AND ROAD MATERIALS		
38	27	Rough Stone for masonry works (Hard Granite)	cum.	413.00
39	28	Rough Stone for revetment works	cum.	358.00
40	29	Jeddy size for revetment (Hard Granite)	cum.	393.00
41	29a	Cut Stone Pillar of size 0.15 x 0.15 x 2.1m	Each	153.00
42	30	From boulders without blasting for revetment	cum.	105.00
43	30a	From boulders without blasting for masonry	cum.	137.00
44	32	Course Rubble Stone for masonry works	cum.	330.00
45	33	Course Rubble Stone for Arch works	cum.	358.00
46	33 (A) I	Chisel Dressed Stone 70cm x 30cm x 29cm	Each	163.00
47	II	Chisel Dressed Stone 37cm x 30cm x 29cm	Each	147.00
48	(B)	Hammer Dressed Stone 37cm x 30cm x 29cm	Each	114.00
49	34	Cut Stone Fully Dressed to size on all faces	cum.	5900.00
50	35	Cut Stone Roughly Dressed	cum.	4060.00
51	36	Ashlar Arch Stone Fully Dressed to size all faces	cum.	4480.00
52	38	Flooring Stone SS Size (Not less than 10cm thick)	sqm.	328.00
53	39 a	Stone Slab for Culvert (3 faces one line dressed) Above 1.2m	cum.	4275.00
54	b	Stone Slab for Culvert (3 faces one line dressed) Upto 1.2m	cum.	3885.00
55	40	Stone Slab for Culvert (3 faces two line dressed)	cum.	4760.00
56	41	For Lintel Coping (3 faces two line dressed)	cum.	4760.00
57	42	Bond Stones	cum.	595.00
58	43 a	Kilometre Stone 1.65 x 0.45 x 0.15m	Each	407.00
59	44 a	Hectametre Stone 0.9x0.1x0.1m	Each	114.00
60	b	Hectametre Stone 0.75x0.23x0.1m	Each	208.00
61	c	Hectametre Stone 0.9x0.15x0.15m	Each	204.00
62	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	85.00
63	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	109.00

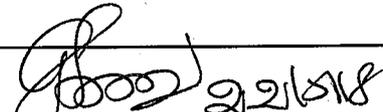
Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
64	c	Demarcation Stone (two line dressed for top 30 cm) 75 x 23 x 23 cm	Each	101.00
65	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	93.00
66	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	114.00
67	f	Edge Stone 45 x 15 x 15 cm	Each	52.00
68	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	131.00
69	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	95.00
70	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	151.00
71	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	161.00
72	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	151.00
73	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	105.00
74	e	Guard Stone 23cm dia 0.90m long	Each	78.00
	48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
75	i	HBGS Jelly 90mm size	cum.	399.00
76	ii	HBGS Jelly 80mm size	cum.	446.00
77	iii	HBGS Jelly 63mm size	cum.	515.00
78	iv	HBGS Jelly 50mm size	cum.	598.00
79	v	HBGS Jelly 40mm size	cum.	929.00
80	vi	HBGS Jelly 25mm size	cum.	799.00
81	vii	HBGS Jelly 20mm size	cum.	1293.00
82	viii	HBGS Jelly 12mm size	cum.	1200.00
83	ix	HBGS Jelly 10mm size	cum.	883.00
84	x	HBGS Jelly 6mm size	cum.	598.00
85	xi	HBGS Jelly 3mm size	cum.	538.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
86	49 b	Quartz metal		
a	i	Quartz Metal 50mm	cum.	90.00
b	ii	Quartz Metal 40mm	cum.	91.00
87	51	Soft Broken Stone		
a	i	Soft Broken Stone 63mm size	cum.	69.00
b	ii	Soft Broken Stone 40mm size	cum.	78.00
88	52	Laterite 40 to 75mm size	cum.	90.00
89	53	Kankar 40 to 75mm size	cum.	90.00
90	54	Soling Stones unblasted 15cm cube	cum.	105.00
91	54a	Soling Stones blasted 15cm cube	cum.	172.00
92	57	Gravel	cum.	188.00
93	57A	Well Gravel	cum.	154.00
94	57B	Screened Kankar Gravel	cum.	113.00
95	58	Quarry Rubbish	cum.	89.00
96	58A	Stone Dust	cum.	114.00
97	58B	Pond Ash (wet / dry)	cum.	88.00
98	58C	Crushed Stone Sand (Commercially called M-Sand)	cum.	777.00
		New Item		
99	58D	Plastering Sand (P-Sand)	cum.	883.00
100	59	Sand for Mortar	cum.	168.00
101	60	Sand for Filling	cum.	168.00
102	62	Clay for Puddle & Masonry	cum.	35.00
103	63 (i)	Cuddapah Slab 50mm Thick	sqm.	390.00
104	ii	Cuddapah Slab 38 / 40mm Thick	sqm.	376.00
105	iii	Cuddapah Slab 20 / 30mm Thick	sqm.	346.00
		C. Lime		
106	66	Shell Lime (Slaked & Screened)	cum.	1248.00
107	67	Freshly Slaked & Screened Burnt Lime Stone	cum.	919.00
108	68	Stone Lime or Lime Metal	cum.	80.00
		New Items for Heritage Works		
109		Unslaked Pollachi Lime for Heritage Works	cum.	9750.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		D. Timber and Roofing Materials		
110	71	TW Scantlings (over 3m for joist and rafters) - Malabar	cum.	111092.00
111	72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	cum.	109258.00
112	73	TW Scantlings (over 2m & below 3m in length) - Malabar	cum.	106376.00
113	74	TW Scantling (below 2m in length) - Malabar	cum.	94672.00
114	75 (i)	TW Planks (over 45cm wide & 12mm thick)	cum.	117293.00
115	ii	TW Planks (30-45cm wide & 12mm thick)	cum.	108908.00
116	iii	TW Planks (30-45cm wide & 12-25mm thick)	cum.	101921.00
117	iv	TW Planks (30-45cm wide & 25-40mm thick)	cum.	97729.00
118	v	TW Planks (15-30cm wide & 12mm thick)	cum.	95197.00
119	vi	TW Planks (15-30cm wide & 12-25mm thick)	cum.	90480.00
120	vii	TW Planks (15-30cm wide & 25-40mm thick)	cum.	88734.00
121	viii	TW Planks (upto 15cm wide & 12mm thick)	cum.	86987.00
122	ix	TW Planks (upto 15cm wide & 12-25mm thick)	cum.	86987.00
123	x	TW Planks (upto 15cm wide & 25-40mm thick)	cum.	82183.00
		New Items for Heritage Works		
124		Seasoned Teakwood for Scantling and Planks for Heritage Works	cum.	176415.00
	76	Teak Wood Reepers		
125	i	TW Reepers 50 x 25mm	RM	72.60
126	ii	TW Reepers 50 x 12mm	RM	59.00
	77	Country Wood Scantling		
127	i	CW Scantling (upto 4m in length)	cum.	32751.00
128	ii	CW Scantling (over 4m in length)	cum.	34498.00
129	77A	CW Scantling for tie beams & principal rafters for trusses	cum.	34498.00
130	77B	Jack Wood Scantlings (upto 4m)	cum.	36157.00
131	77D	Silver Oak Scantlings	cum.	14847.00
	78	Country Wood Planks		
132	i	CW Planks (upto 30cm wide-40mm thick)	cum.	37555.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
133	ii	CW Planks (upto 30cm wide-25mm thick)	cum.	37555.00
134	iii	CW Planks (over 30cm wide-40mm thick)	cum.	37555.00
135	iv	CW Planks (over 30cm wide-25mm thick)	cum.	37555.00
136	78A	JW Planks (25-40mm thick)	cum.	39389.00
137	78B	Silver Oak Plank (40mm thick)	cum.	16856.00
138	78C	Bluegum Plank	cum.	17293.00
	79	Country Wood Reepers		
139	i	CW Reepers (50 x 25mm)	RM	33.00
140	ii	CW Reepers (50 x 12mm)	RM	23.80
141	80	Mango Plank	cum.	15983.00
142	81	Palmyrah Rafter (50-60mm wide & 125mm depth)	RM	47.15
143	a	Palmyrah Leaves	100 Nos.	243.60
144	b	Palmyrah Leaves (labour for cutting)	100 Nos.	38.30
	90	Casurina Poles		
145	a	Casurina Poles 13cm-15cm dia	RM	31.50
146	b	Casurina Poles 10cm-13cm dia	RM	24.00
147	c	Casurina Poles 8cm-10cm dia	RM	18.30
148	d	Casurina Poles 5cm-8cm dia	RM	16.70
	90.1	Eucalyptus Poles		
149	a	13cm to 15cm dia	RM	31.50
150	b	10cm to 13cm dia	RM	22.50
151	c	8cm to 10cm dia	RM	18.30
152	d	5cm to 8cm dia	RM	15.70
153	e	Below 5cm	RM	14.30
154	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	11.50
155	91	Casurina Bullies 4cm-5cm dia & cross ties	RM	12.90
156	92	Bamboo Large (10cm dia and above)	RM	11.50
157	93	Bamboo (7.5cm-10cm dia)	RM	10.10
		E. Metal and Iron Items		
158	111	Mild Steel Plates or Sheets BG 10	Kg	40.50

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
159	112	Mild Steel Angles 25 x 25 x 3 mm	Kg	40.50
160	113	Binding Wire (Black 18 G)	Kg	43.00
161	113 b	Binding Wire (Galvanised-18 G)	Kg	43.00
162	114	GI Sheets 30cm wide and 1.6mm thick	sqm.	299.00
163	126 i	Weld Mesh 7.5 x 2.5cm 10 Gauge	sqm.	290.00
164	ii	Weld Mesh 7.5 x 5cm 10 Gauge	sqm.	260.00
165	iii	Weld Mesh 10 x 10cm 10 Gauge	sqm.	141.00
166	129	Chicken Mesh	sqm.	31.10
167	130	Fly Proof Mesh	sqm.	89.50
168	131	Supplying Mild Steel Grills for windows, ventilators, etc., including priming coat	Kg	53.60
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 in the basic cost of materials listed above. Hence, no separate incidental charges, loading charges and unloading charges shall be allowed for the above materials.			
3	The Basic Rate adopted under this Head, "Annexure-II - Rates of Materials" is exclusive of all taxes and GST.			


 22/5/18
**Engineer-in-Chief, WRD &
 Chief Engineer (General), PWD,
 Chennai-5**


 22/5/18

ANNEXURE-III
RATES OF WORKS

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		A. Clearing the Site		
1	1	Clearing Heavy Jungle	sqm.	4.60
2	2	Clearing Light Jungle	sqm.	3.45
3	3	Clearing Scrub Jungle	sqm.	3.15
4	4	Uprooting & Removing Large Palmyrah / Coconut Stumps	Each	91.70
5	5	Uprooting & Removing Small Palmyrah / Coconut Stumps	Each	65.60
6	9	Removing Weeds in Channel and Drain	sqm.	1.25
7	9C	Cleaning Juliflora Jungle with Uprooting	sqm.	5.20
8	9D	Cleaning Juliflora Jungle without Uprooting	sqm.	3.95
		B. Dismantling		
		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.	39.00
10	11	Brick / Stone in Clay Walls, add for every additional 3m or part there of over the initial height of 3m	cum.	13.00
11	11A	Mud / Sun Dried Brick Walls under 3m high	cum.	26.10
12	11B	Mud / Sun Dried Brick Walls, add for every additional 3m or part there of over the initial height of 3m	cum.	7.50
13	12	Brick / Stone Masonry in lime mortar walls under 3m high	cum.	119.50
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.	13.30
15	14	Brick / Stone Masonry in cement mortar walls under 3m high	cum.	146.80
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.	15.50
17	16	Terracing work in roof or floor	sqm.	39.60
18	17	Flag Stone in roof or floor including lifting	sqm.	20.90
19	18	Cut Stone Slab over culverts upto 3.3m height below GL	cum.	609.00
20	19	Cut Stone Slab over culverts over 3.3m height below GL	cum.	635.00
21	20	Removal of Cut Stone Slabs / RCC Cover Slabs	sqm.	266.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
22	22	Refixing Cut Stone Slab / RCC Cover Slab	sqm.	291.00
23	23	Pantile or Mangalore Tiled Roof without Roof Timbers	sqm.	10.40
24	24	Flat & Pan Tiles or Manglore Tile over Flat Tiles without roof timbers	sqm.	14.50
25	25	AC Sheet Roofing without roof timbers	sqm.	9.30
26	26	Corrugated Iron Sheet Roofing over Pan Tiles without roof timbers	sqm.	15.50
27	27	Old Thatched Roof including tying materials into small bundles for re-use	sqm.	4.60
28	28	Wrought and put-up Framed Timbers in roofs / floors	cum.	383.00
29	29	Doors and Windows including removal of frames, hinges and fastenings	sqm.	79.30
30	32	Dry Stones Apron or Revetment, stacking within 40m lead	cum.	67.90
31	33	Grouted Stones Apron or Revetment, stacking within 40m lead	cum.	79.30
32	34	Dry Stone Masonry Walls	cum.	57.90
33	36	Dismantling Lime Concrete	cum.	184.00
34	37	Dismantling Plain Cement Concrete	cum.	252.00
35	38	Dismantling RCC	cum.	3820.00
36	38A	Chipping of concrete and roughening the surface	sqm.	20.90
37	38B	Pressed Tiles & Weathering Course	sqm.	23.80
38	38C	One Course of Pressed Tile Roof finish in cement mortar	sqm.	13.30
39	38D	One Course of Terrace Bricks Roof finish in cement mortar	sqm.	15.50
40	38E	Two Course of Flat Tiles Roof finish in cement mortar	sqm.	15.50
41	38F	Mosaic-in-situ finish in cement mortar in flooring and in wall surface	sqm.	32.70
42	38G	Floor finish and dadoing walls in cement mortar with Mosaic Tiles / Glazed Tiles / Cuddapah Slabs	sqm.	31.50
		C. Quarrying and Blasting		
43	39	Hard rock measured in solid including blasting & stacking	cum.	450.00
44	39A	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	cum.	903.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
45	40A	Medium rock and dense medium rock requiring blasting	cum.	230.00
46	42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	cum.	5.40
47	42B	Extra for every additional 1m lift or part thereof over the initial lift of 2m for blasted materials	cum.	5.60
48	44	Benching, hard rock upto an average 10 cm depth	sqm.	435.00
49	46	Drilling holes in hard granite 40mm diameter	RM	144.70
50	46A	Drilling holes in hard granite 45mm diameter	RM	169.00
51	47	Drilling holes in hard granite 50mm diameter	RM	203.00
52	48	Drilling holes in hard granite 75mm diameter	RM	231.00
53	49	Drilling holes in hard granite 32mm diameter	RM	122.00
		D. Earth Work		
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.	46.60
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.	42.50
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.	53.20
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.	10.90
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.	13.20
59	50D	Sectioning during forming bunds when earth moving machinery, lorries and rollers are used for consolidation.	cum.	8.00
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, murrum, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	cum.	67.80

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
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, murrum, gravel, stoney earth and earth mixed with small size boulders SS.20B	cum.	63.60
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.	94.70
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.	150.30
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.	166.30
65	76	Extra for every additional 10 metre lead or part thereof over the initial lead	cum.	7.80
66	77	Extra for every additional 1 metre lift or part thereof over the initial lift	cum.	6.20
67	78	Breaking clods, consolidating and sectioning	cum.	3.90
68	78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	cum.	11.80
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.	13.20
71	B	By power roller including hire charges	cum.	22.20
72	80	Benching Old Embankment Slopes 45cm x 45cm	sqm.	2.50
73	81	Puddle wall work	cum.	105.00
74	82A	Turfing in slopes including watering and fixing with initial lead upto 50m	sqm.	22.20
75	84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	cum.	19.50
76	85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	cum.	22.20

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		E. Open Well Excavation		
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.	42.50
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, murrum, gravel, stoney earth and earth mixed with small size boulders and hard gravelly soil - First depth of 2 metre	cum.	63.40
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.	97.70
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.	157.20
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.	236.40
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.	461.00
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.	65.90
84	92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cum.	92.40
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.	92.40

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		F. Rate for Earth Work Deploying Machinery		
86	1	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with lead of 0 to 100 metre deploying earth moving machinery and tippers including benching, formation of bunds, breaking clods, sectioning etc., complete	cum.	45.55
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.	3.60
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.	26.85
90	b	having width of 3m -10m	cum.	32.95
91	3	Earth work excavation deploying earth moving machinery for desilting channel having a width of more than 10m and forming bund on either sides and depositing the earth on banks including jungle clearance etc complete	cum.	38.30
		G. LIFT CHARGES - Concrete - Brick or Stone Masonry - Above or Below Ground Level		
		STATEMENT I		
	A	Concrete - Above Ground Level		
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.	68.00
93	2	Add for works in every upper floor over the rate of preceeding floor	cum.	134.00
	B	Brick or Stone Masonry - Above GL		
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.	44.80
95	2	Add for works in every upper floor over the rate of preceeding floor	cum.	90.30
		STATEMENT II		
	A	Concrete - Below Ground Level		
96	1	Add the basic rate for works 1.50m depth and upto 4.5m depth below ground level	cum.	67.00

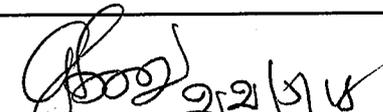
Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
97	2	Add the basic rate for works 4.50m depth and upto 9m depth below ground level	cum.	134.40
98	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	134.40
	B	Brick or Stone Masonry - Below GL		
99	1	Add the basic rate for works 1.50m depth and upto 4.50m depth below GL	cum.	45.00
100	2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	cum.	90.30
101	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	90.30
		H. Concrete Vibrators		
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.	39.70
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.	53.50
		I. Plastering		
104	318	Clean removal of lime plaster from walls and racking out joints 20mm deep or from terraced roofs racking out joints 12mm deep	sqm.	5.40
105	319	Clean removal of lime plaster from walls	sqm.	4.20
106	320	Clean removal of Cement plaster from walls	sqm.	4.50
107	321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	sqm.	5.90
		J. White Washing, Colour Washing & Distempering		
108	338	Thorough scrapping of old plastered surface	sqm.	2.45
109	339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	sqm.	3.10
		K. Painting, Wood Oiling, Tarring, Varnishing, Bee's Waxing Etc.,		
110	357	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	sqm.	19.70

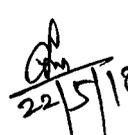
Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
111	357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	sqm.	8.30
112	357B	Removing paint from doors, windows & wood works by manual labour	sqm.	5.70
113	357C	Removing old paint from structural steel by blow lamp or sand paper	sqm.	11.80
114	357 D	Scrapping and removing old paint from structural steel by manual labour	sqm.	5.30
115	357 E	Removing old paint from iron surface with sand paper	sqm.	5.00
116	357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	sqm.	11.60
		L. Miscellaneous		
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	5.00
118	369 B (i)	Driving piles up to 15 cm dia in river bed	RM	15.40
119	(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	13.20
120	(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	RM	13.20
		M. River Conservancy of Korambu Works		
121	375A	Brush wood bundles one metre girth and one metre long within an initial lead of 1.6 K.M.	one bundle	2.55
122	375B	Extra for every additional lead of 1.6K.M (for the above item)	one bundle	0.30
123	378A	Driving casurina piles into bed including scaffolding etc., complete	RM	6.40
124	378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	8.90
		N. Cutting and Threading of GI Pipe		
125	1	15mm dia GI Pipe Cutting	Each	5.40
126		15mm dia GI Pipe Threading	Each	7.60

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
127	2	20mm dia GI Pipe Cutting	Each	5.40
128		20mm dia GI Pipe Threading	Each	7.80
129	3	25mm dia GI Pipe Cutting	Each	6.50
130		25mm dia GI Pipe Threading	Each	16.00
131	4	32mm dia GI Pipe Cutting	Each	7.80
132		32mm dia GI Pipe Threading	Each	21.60
133	5	40mm dia GI Pipe Cutting	Each	10.50
134		40mm dia GI Pipe Threading	Each	24.30
135	6	50mm dia GI Pipe Cutting	Each	13.40
136		50mm dia GI Pipe Threading	Each	27.00
137	7	65mm dia GI Pipe Cutting	Each	14.60
138		65mm dia GI Pipe Threading	Each	32.60
139	8	80mm dia GI Pipe Cutting	Each	19.00
140		80mm dia GI Pipe Threading	Each	41.00
141	9	100mm dia GI Pipe Cutting	Each	27.00
142		100mm dia GI Pipe Threading	Each	54.30
		O. Labour Wrought and Put-up for Doors, Windows & Ventilators		
143	1	Labour wrought and put up in position of frames inclusive of fixing holdfasts for doors, windows and ventilators etc.	cum.	7770.00
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.	878.00
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.	729.00
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.	816.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
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.	681.00
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.	460.00
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.	816.00
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.	878.00
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.	460.00
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.	729.00
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.	682.00
154	19	Labour charges for fixing doors alongwith frames in position etc., complete (finished work)	sqm.	130.00
155	20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	sqm.	163.00
156	21	Labour wrought and put up in position Flush shutters		
a		Single leaf shutter	sqm.	122.00
b		Double leave shutters	sqm.	188.00
157	22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	sqm.	436.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
158	23	Labour wrought and put up for providing teak wood weldmesh screen with frames 3" x 3" (0.075m x 0.075m)	sqm.	609.00
159		Labour charges for fixing aluminium doors, windows and ventilators	sqm.	416.00
		P. Breaking Metals		
160	50A	Labour charges for breaking 40mm metal from departmental blasted stones	cum.	232.00
161	50B	Labour charges for breaking 20mm metal from departmental blasted stones	cum.	346.00
162	50C	Labour charges for breaking 50mm metal from departmental blasted stones	cum.	138.50
		Q. Cement Mortar		
163	1	Grinding Mortar (Special Grinding Lime)	cum.	210.40
164	2	Grinding Mortar (Ordinary Grinding Lime)	cum.	160.40
165	3	Mixing Mortar - Cement by Manual	cum.	65.90
166	4	Mixing Mortar - Cement by Machine Mixing	cum.	87.50
		R. Metal and Iron Works		
167	1	Petty iron work for truss, straps etc., (wrought & fixed) labour only	Kg	31.50
168	2	Iron works for trusses and record racks (labour only)	Kg	29.10
169	3	Fixing in position mild steel grills for windows, ventilators, etc.	Kg	18.20
170	4	Fixing MS rods round / square for windows	Kg	16.90
171	5	Fixing iron bars in windows and ventilators	Kg	16.90
Note:	The Basic Rate adopted under this Head, "Annexure-III - Rates of Works" is exclusive of all taxes and GST.			


 22/5/18
 Engineer-in-Chief, WRD &
 Chief Engineer (General), PWD,
 Chennai-5


 22/5/18

ANNEXURE-IV

RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD

Sl. No.	Description of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)		
			LEAD		LIFT
			Above 10m and upto 100m	Add extra for every additional 100m or part thereof	
1	Rough Stone, Broken Stone Jelly, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantiing, Wooden Plank	cum.	76.60	31.80	8.30
2	Lime, Lime Stone, Laterite, Brick Jelly, Earth, Sand, Gravel, Surki, Pond Ash (Wet / Dry), Crushed Stone Sand, Stone Dust	cum.	40.70	31.80	6.25
3 a	Mangalore Tiles	1000 Nos.	83.00	41.70	10.50
b	Machine Pressed Tiles	2000 Nos.	83.00	41.70	10.50
c	Hydraulic Pressed Mosaic Flooring Tiles	1500 Nos.	83.00	41.70	10.50
d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	83.00	41.70	10.50
e	Bricks	1000 Nos.	83.00	41.70	10.50
4	Cement, AC Sheet, Bitumen, Asphalt, Tar	MT	75.60	41.70	8.30
5	Steel	MT	127.00	51.10	10.50
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.				
4	The Basic Rate adopted under this Head, "Annexure-IV - Rates of Conveyance of Materials by Head Load" is exclusive of all taxes and GST.				

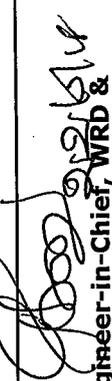

 Engineer-in-Chief, WRD &
 Chief Engineer (General),
 PWD, Chennai-5


 22/5/18

**ANNEXURE-V
CONVEYANCE TABLE**

(A). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN PLAINS

Sl. No.	Distance in kilometre	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)					
		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	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.	6.02	6.60	9.62	8.12	10.82	13.52
b	10 - 20 Km.	5.15	5.66	8.23	6.95	9.27	11.58
c	20 - 40 Km.	4.43	4.87	7.09	5.97	7.97	9.96
d	40 - 80 Km.	3.82	4.21	6.65	5.15	6.86	8.60
e	Above 80 Km.	3.49	3.84	5.58	4.71	6.27	7.84
4	Loading Charges	92.00	43.90	30.10	43.20	43.20	43.20
5	Unloading Charges	92.00	43.90	30.10	43.20	43.20	43.20
6	Add above extra for inter state works	19.30	21.20	30.90	26.00	34.70	43.50
Note:							
1	The above rates do not include stacking charges [as per Circular Memo No.230 Wks. IV (2) / 62-3, dt.10.06.62 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 basic 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.						
7	The Basic Rate adopted under this Head, "Annexure-V - (A). Rates of Conveyance of Materials by Road in Plains" is exclusive of all taxes and GST.						

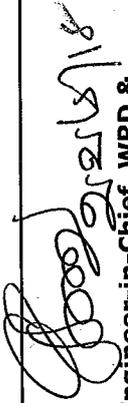

Chief Engineer in-Chief, WRD & PWD, Chennai-5


 22/5/18

**ANNEXURE-V
CONVEYANCE TABLE**

(B). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN HILLS

Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)							
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	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.	12.04	13.20	19.24	16.24	21.64	27.04
b	10 - 20 Km.	10.30	11.32	16.46	13.90	18.54	23.16
c	20 - 40 Km.	8.86	9.74	14.18	11.94	15.94	19.92
d	40 - 80 Km.	7.64	8.42	13.30	10.30	13.72	17.20
e	Above 80 Km.	6.98	7.68	11.16	9.42	12.54	15.68
Note:							
1	The above rates do not include stacking charges [as per Circular Memo No. 230 Wks. IV (2) / 62-3, dated 10.06.1962 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 basic 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.						
7	The Basic Rate adopted under this Head, "Annexure-V - (B). Rates of Conveyance of Materials by Road in Hills" is exclusive of all taxes and GST.						


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


 22/5/18

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

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
1	Water Proofing Compound	Kg	39.60
2	Mild Steel Flats of all sizes	Kg	39.75
3	Mild Steel Square Rods of all sizes	Kg	39.75
4	First Quality Design Ceramic Tiles of all Colours		
i	305mm x 305mm x 6mm	Each	45.00
ii	200mm x 200mm x 6mm	Each	19.80
iii	200mm x 100mm x 6mm	Each	10.70
5	First Quality Plain Ceramic Tiles of all colours		
i	305mm x 305mm x 6mm	Each	32.20
ii	200mm x 200mm x 6mm	Each	14.40
iii	200mm x 100mm x 6mm	Each	7.40
6	First Quality White Glazed Tiles		
i	150mm x 150mm x 6mm	Each	7.70
ii	100mm x 200mm x 6mm	Each	6.70
7	First Quality Colour Glazed Tiles		
i	150mm x 150mm x 6mm	Each	8.90
ii	100mm x 200mm x 6mm	Each	7.70
8	First Quality Colour Glazed Tiles with Printed Design		
i	150mm x 150mm x 6mm	Each	10.50
ii	100mm x 200mm x 6mm	Each	9.50
9	White Cement	Kg	22.00
10	Colour Cement (White Cement mixed with Colouring Pigments)	Kg	25.40
11	Multi-Colour Marble Chips of all grades / sizes	Bag	84.40
12	White Marble Slab (Adanga) 18mm to 20mm Thick		
i	4'0" x 2'0" and above	sqm.	1300.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
ii	2'0" x 2.0" or 2'0" x 1'0" or 1'0" x 1'0"	sqm.	650.00
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.	804.00
b	Ruby Red, Raw Silk	sqm.	720.00
c	Sinthetic Grey, Paradise and similar varieties	sqm.	680.00
14	Granite Slabs (Super Fine Polished with Machine Cut Edges) of sizes 4'x2' and above 18mm to 20mm thick		
a	Jet Black	sqm.	1615.70
b	Ruby Red, Raw Silk	sqm.	1506.60
c	Sinthetic Grey, Paradise and similar varieties	sqm.	1355.00
	New Items		
d	Fine Polished Steel Grey Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	Sqm.	1400.00
e	Fine Polished Blue Pearl Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	Sqm.	7000.00
14 (1) a	Flamed Steel Grey Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	Sqm.	1700.00
14 (1) b	Flamed Ruby Red Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	Sqm.	1800.00
15	Polished Shahabad Stone Slabs 20mm thick with Machine Cut Edges of size below 2'0" x 2'0"	sqm.	295.00
16	Polished Shahabad Stone Slabs of 20mm thick with Machine Cut Edges of size 2'0" x 2'0" and above	sqm.	350.00
17	Polished Rajasthan Kota Stone Slabs of 20mm thick with Machine Cut Edges of size below 2'0" x 2'0"	sqm.	450.00
18	Polished Rajasthan Kota Stone Slabs of 20mm thick with Machine Cut Edges of size 2'0" x 2'0" and above	sqm.	510.00
19	Dolphur Stone Slabs - Semi Polished with Machine Cut Edges of all sizes		
a	40mm thick	sqm.	389.00
b	20mm thick	sqm.	355.00
20	Aluminium Strips of size 40mm wide x 1.5mm thick	RM	32.30

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
21	Brass Strips of size 40mm wide x 1.5mm thick	RM	64.10
22	Glass Strips of size 40mm wide and 4mm thick	RM	14.60
23	Marble Tiles 3mm thick	sqm.	633.00
24	Red Oxide - Superior quality for floor finish	Kg	135.00
25	Decorative Pressed Tiles of 12mm thick of all sizes and shapes	sqm.	999.00
26	Exterior Emulsion Paint - Water Based Primer (Liquid)	Litre	140.00
27	Alkali Resistant Distemper Primer	Litre	125.50
28	Sandtex Matt	Litre	146.80
29	Vinaratex or Equivalent Textured Coat	sqm.	189.50
30	Best Lac Polish / French Polish	Litre	245.00
31	Varnish	Litre	251.90
32	Cotton Waste	Kg	9.70
33	Cement Based Hydraulically Pressed Anti skid Tiles (Pattern Design) - 20mm thick	sqm.	473.00
34	Marble Powder	Kg	4.28
35	Polishing Stone		
i	Rough	Each	59.30
ii	Medium	Each	83.00
iii	Fine / Nice	Each	95.00
36	Oxalic Acid	Kg	36.00
37	Tupentine	Litre	22.00
38	Mansion polish	400 gram	138.00
39	Poly Sulphide	Kg	163.80
40	Primer for Expansion Joints	Kg	140.90
41	Filler Material	sqm.	134.30
42	Bond Breaker	RM	3.50
43	PVC Water Bar 150mm wide with Single Bulb	RM	267.00
44	Plain GI Sheet 0.8mm thick (22 Gauge)	sqm.	338.00
45	Phil Plug	Each	4.70

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
46	GI Screws		
i	30mm x 6mm	Each	1.20
ii	19mm x 6mm	Each	0.75
47	GI Limpet / Cup Washers	Each	1.75
48	Bitumen Washers 15mm dia	Each	1.05
49	Asbestos Cement Pipe - 100mm dia	3 RM	133.30
50	AC Shoe - 100mm dia	Each	42.30
51	AC Bend - 100mm dia	Each	48.40
52	AC Cylindrical Cowl - 100mm dia	Each	72.70
53	CI Brackets for AC Pipe 100mm dia	Each	18.60
54	CI Grating - 100mm dia	Each	29.80
55	Asbestos Cement Fully Corrugated Sheet - 6mm thick	sqm.	175.50
56	Asbestos cement plain sheet		
i	6mm thick	sqm.	157.50
ii	4mm thick	sqm.	109.10
57	Asbestos Cement Adjustable Ridges	Pair	181.70
58	GI "J" or "L" Bolts with Nuts 6mm dia	Each	3.65
59	Steel - Special Extruded Sections for Steel Windows and Ventilators conforming to ISS 7452 / 1990 including fabrication charges	Kg	58.00
60	CRCA Pressed Steel Box Section 18 Gauge or 1.25mm thick for Door Frames including providing holes and fixing wooden blocks for fixing furniture and fittings		
a	With one coat of Red Oxide priming coat	RM	334.00
b	With Powder Coated Primer	RM	356.00
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	287.00
b	With Powder Coating of any colours	Kg	307.00
62	Aluminium Extruded Box Section for Staircase Hand Rails including charges for anodising for 15 micron thickness - Natural colour matt finish	Kg	359.00
63	Rubber Beading for Aluminium Glazed Doors	RM	35.50

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
64	Rubber Beading for Aluminium Glazed windows	RM	27.10
65	PVC / Woollen Felt for Aluminium Doors 6mm thick	RM	7.20
66	Pivot for Aluminium Door	Set	146.00
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	890.00
68	Hydraulic Floor Springs of various sizes, Double Acton Hydraulic Floor Spring of approved quality, brand, manufacture asper 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 MS sheet outer box with side plate etc., capable of taking upto 130 kg. weight from door shutter, like HARDWYN make (U-32) or its Euivalent with ISI monogram.	Each	1940.00
69	Lock for Aluminium Doors	Each	251.00
70	Lock for Aluminium Sliding Windows	Each	62.80
71	Aluminium Grill of Standard Pattern (Diamond Shape) - 10mm thick including 'F' (or) 'H' Section	sqm.	1835.00
72	Aluminium Grill of Standard Pattern (Diamond Shape) - 6mm thick including 'F' (or) 'H' Section	sqm.	1485.00
73	Bolts and Nuts 10mm dia for False Ceiling	Each	5.30
74	Rawl Plugs for False Ceiling	Each	8.90
75	PVC Roller for Sliding Windows	Each	13.10
76	Synthetic Resin - Fevicol or Equivalent (Phenol Formal Dehide Based Resin)	Kg	185.00
77	Butt Hinges with Nylon Washers of various sizes of Length and Width (with required screws)		
a	125mm x 30mm	Each	74.70
b	100mm x 30mm	Each	59.90
c	75mm x 30mm	Each	41.20
d	50mm x 30mm	Each	33.20
78	Tower Bolts of various lengths and diametre (with required screws)		
a	400mm long and 12mm dia	Each	141.30

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
b	300mm long and 12mm dia	Each	108.70
c	250mm long and 12mm dia	Each	81.50
d	200mm long and 12mm dia	Each	68.50
e	150mm long and 12mm dia	Each	54.00
f	100mm long and 10mm dia	Each	47.50
g	75mm long and 10mm dia	Each	33.20
79	Aldrops of following lengths and diametre with required screws, bolts and nuts		
a	300mm long and 16mm dia	Each	174.70
b	250mm long and 16mm dia	Each	150.70
c	200mm long and 16mm dia	Each	102.00
d	200mm long and 12mm dia	Each	84.70
80	Handles "D" type of various sizes with required screws		
a	200mm long	Each	53.60
b	150mm long	Each	48.00
c	100mm long	Each	29.50
81	Ornamental Handles of various sizes with required screws		
a	200mm long	Each	138.00
b	150mm long	Each	92.00
c	100mm long	Each	50.80
82	Aluminium Door Stopper with Rubber Bush with required screws	Each	43.80
83	Rubber Bush - 40mm dia and 60mm long with required screws	Each	21.50
84	Mortice Lock (Godrej or Equivalent) with required screws with 3 Keys		
a	With Night latch	Each	500.00
b	Without Night latch	Each	373.00
c	Wire Nails	Kg	59.30
85	Teakwood Beading		
a	15mm x 12mm	RM	14.30

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
b	35mm x 12mm	RM	36.30
86	Teakwood Beading (Ordinary)		
a	30mm x 12mm	RM	30.10
b	25mm x 12mm	RM	24.20
87	Teakwood Beading - Ornamental / Design		
a	40mm x 12mm	RM	84.70
b	40mm x 15mm	RM	97.00
c	25mm x 12mm	RM	66.30
d	15mm x 12mm	RM	45.70
88	Medium Density Fibre (MDF) Board - Exterior Grade, both sides pre-laminated including external lipping with kiln dried soft wood 35mm thick	sqm.	2020.00
89	Medium Density Fibre (MDF) Board - Exterior Grade - both sides pre-laminated, 12mm thick	sqm.	973.00
90	MDF Board Exterior Grade - Plain including external lipping with kiln dried soft wood		
i	35mm thick	sqm.	1648.00
ii	30mm thick	sqm.	1520.00
91	Medium Density Fibre (MDF) Board 12mm thick Exterior Grade with Melamine finish		
a	One Side Melamine Finish	sqm.	1030.00
b	Both Sides Melamine Finish	sqm.	1160.00
92	Medium Density Fibre (MDF) Board - Exterior Grade - Plain with teakwook external lipping alround		
a	35mm thick	sqm.	1775.00
b	30mm thick	sqm.	1575.00
93	Solid Core Flush Shutters with teakply on both side with teakwook lipping alround 35mm thick	sqm.	2090.00
94	Solid Core Flush Shutters with teakply on one side and commercial ply on other side with teak wook lipping alround 35mm thick	sqm.	1835.00
95	Solid Core Flush shutters with commercial ply on both side with teakwook lipping alround 35mm thick	sqm.	1575.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
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.	2670.00
b	Solid Panel PVC Door without Frame	sqm.	2250.00
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.	3700.00
b	Excluding door frames	sqm.	2840.00
98a	PVC Panelled door Shutters Hollow Type - 200mm x 20mm panels with 1mm wall thickness for panels and styles and rails of suitable size with 2mm wall thickness suitably reinforced using MS Angle / Flat including cost of necessary aluminium hinges and other furniture fittings	sqm.	1900.00
b	Excluding Door Frames	sqm.	1605.00
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 10mm and below graded stone jelly and using steel reinforcement as per CE (B) Circular instructions	RM	266.00
100	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1mm 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	850.00
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	1150.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
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 sqm. Area)	sqm.	2010.00
b	Gear Operated Type (from 8 sqm. to 12 sqm. Area)	sqm.	2240.00
c	Electrically Operated Type (exceeding 12 sqm. Area)	sqm.	2435.00
B	ROLLING GRILLS (WITH ISI MONOGRAM)		
a	Manually Operated (up to 8 sqm. Area)	sqm.	2050.00
b	Gear Operated Type (from 8 sqm. to 12 sqm. Area)	sqm.	2305.00
c	Electrically Operated Type (exceeding 12 sqm. Area)	sqm.	2565.00
103	Barbed Wire - 10 Gauge - Two Ply and Four Pronged (Galvanised)	1 Kg or 6 RM	57.50
104	Chain Link - 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes)	sqm.	148.30
105	Pin Headed / Fluted / Figured Glass 3mm thick	sqm.	210.00
106	Plain Glass - 4mm thick	sqm.	284.00
107	Plain Sheet Glass - 5.5mm thick	sqm.	336.00
108	Metal Screws (for Aluminium Doors, Windows etc)		
i	75mm x 8mm	Each	2.05
ii	38mm x 6mm	Each	1.45
iii	19mm x 8mm	Each	1.00
iv	19mm x 6mm	Each	0.75
109	Cement Paint (First Quality)	Kg	46.20
110	Oil Bound Distemper	Kg	68.30
111	Acrylic Distemper	Kg	78.90
112	Primer for Plastic Emulsion Paint	Litre	136.50
113	Plastic Emulsion Paint (First Quality)	Litre	274.00
114	Wood Primer	Litre	136.50
115	Synthetic Enamel Paint for Wood Work	Litre	221.00
116	Red Oxide Primer for Iron Work	Litre	126.70

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
117	Synthetic Enamel Paint for Iron Work	Litre	211.00
118	GI Pipes "B" Class		
i	65mm dia	RM	230.80
ii	50mm dia	RM	197.80
iii	40mm dia	RM	153.90
iv	32mm dia	RM	142.80
v	25mm dia	RM	120.80
vi	20mm dia	RM	93.10
vii	15mm dia	RM	65.90
119	GI Specials		
A	Union		
i	50mm dia	Each	251.20
ii	40mm dia	Each	186.30
iii	32mm dia	Each	120.30
iv	25mm dia	Each	93.10
v	20mm dia	Each	65.90
vi	15mm dia	Each	54.90
B	GI Elbow		
i	50mm dia	Each	120.80
ii	40mm dia	Each	93.10
iii	32mm dia	Each	82.10
iv	25mm dia	Each	54.90
v	20mm dia	Each	24.00
vi	15mm dia	Each	15.10
C	GI Bend		
i	50mm dia	Each	109.80
ii	40mm dia	Each	82.10
iii	32mm dia	Each	65.90
iv	25mm dia	Each	49.10
v	20mm dia	Each	21.90

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
vi	15mm dia	Each	12.90
D	GI TEE		
i	50mm dia	Each	131.90
ii	40mm dia	Each	104.00
iii	32mm dia	Each	93.10
iv	25mm dia	Each	76.80
v	20mm dia	Each	32.80
vi	15mm dia	Each	27.10
E	GI COUPLING		
i	50mm dia	Each	65.90
ii	40mm dia	Each	54.90
iii	32mm dia	Each	43.90
iv	25mm dia	Each	27.10
v	20mm dia	Each	15.10
vi	15mm dia	Each	12.90
F	GI REDUCER		
i	50mm x 40mm dia	Each	87.90
ii	40mm x 32mm dia	Each	65.90
iii	32mm x 25mm dia	Each	49.10
iv	25mm x 20mm dia	Each	27.10
v	20mm x 15mm dia	Each	19.20
vi	40mm x 25mm dia	Each	49.10
vii	32mm x 20mm dia	Each	38.10
G	GI REDUCER ELBOW		
i	50mm x 40mm dia	Each	104.00
ii	40mm x 32mm dia	Each	87.90
iii	32mm x 25mm dia	Each	65.90
iv	25mm x 20mm dia	Each	49.10
v	20mm x 15mm dia	Each	38.10
vi	40mm x 25mm dia	Each	68.60
vii	32mm x 20mm dia	Each	54.40

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
H	GI REDUCER TEE		
i	50mm x 40mm dia	Each	131.90
ii	40mm x 32mm dia	Each	109.80
iii	32mm x 25mm dia	Each	93.10
iv	25mm x 20mm dia	Each	71.10
v	20mm x 15mm dia	Each	65.90
vi	40mm x 25mm dia	Each	98.80
vii	32mm x 20mm dia	Each	76.80
I	GI HEX NIPPLE		
i	50mm dia	Each	82.10
ii	40mm dia	Each	65.90
iii	32mm dia	Each	54.90
iv	25mm dia	Each	41.30
v	20mm dia	Each	32.80
vi	15mm dia	Each	21.90
120	Gun Metal Gate Valve (Heavy Duty)		
i	65mm dia	Each	1410.00
ii	50mm dia	Each	1150.00
iii	40mm dia	Each	906.00
iv	32mm dia	Each	704.00
v	25mm dia	Each	550.00
vi	20mm dia	Each	325.00
	Note: Gate Valves should be used only in delivery line to OHT Scour Pipe in OHT (for cleaning of OHT) where pressure pumping is involved. In all other cases only wheel valve should be used		
121	Gun Metal Wheel Valve (Heavy Duty)		
i	40mm dia	Each	604.00
ii	32mm dia	Each	476.00
iii	25mm dia	Each	326.00
iv	20mm dia	Each	224.00
v	15mm dia	Each	159.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
122	Brass Chromium Plated Screw Down Tap 15 / 12mm dia (Heavy Type)	Each	191.00
123	Chromium Plated Stop Cock 15mm dia	Each	140.00
124	Brass Chromium Plated Pillar Tap (Heavy Type) - 15 / 12mm dia	Each	251.00
125	Brass Chromium Plated Shower Rose - 100mm dia	Each	180.00
126	Wooden Plug, Clamp and Screws	Set	11.40
127	Shellac	100 gram	17.20
128	Thread Ball	Each	3.35
129	Oriya Type Indian Water Closet 580mm x 440mm with "P" or "S" Trap		
i	White	Set	1119.00
ii	Colour	Set	1425.00
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	2860.00
ii	Colour	Set	3230.00
131	European Water Closet with "P" or "S" Trap with Double Flapped Seat and Seat Cover with Brass Hinges and 12.5 litre capacity Porcelain Low Level Flusing Tank with all internal fittings		
i	White	Set	4030.00
ii	Colour	Set	4850.00
132	Wash Hand Basin of size 550mm x 400mm with all accessories such as Cast Iron Brackets, 32mm dia CP Waste Coupling, Rubber Plug and Chain, 32mm dia 'B' Class GI Waste Pipe, 15mm dia GM Wheel Valve, 15mm dia Nylon Connection, 15mm dia Brass Nipples, 15mm CP Pillar Tap etc		
i	White without Pedastal	Set	1550.00
ii	White with Pedastal	Set	1863.00
iii	Colour without Pedastal	Set	2075.00
iv	Colour with Pedastal	Set	2295.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
133	White Porcelain Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class GI Waste Water Pipe and 32mm dia CP Waste Coupling	Set	1988.00
134	Cuddapah Slab Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class GI Waste Water Pipe & 32mm dia CP Waste Coupling	Set	713.00
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	944.00
136	Lipped Mouth Porcelain Flat Back Urinal with all accessories such as 32mm dia Bell Mouth PVC Connection, 15mm dia GM Wheel Value, 15mm dia 'B' Class GI Waste Water Pipe, 15mm dia Nylon Connection, 15mm dia Brass Nipple etc		
i	White	Set	870.00
ii	Colour	Set	997.00
137	Porcelain Soap Dish of size 150mm x 150mm x 50mm		
i	White	Each	181.50
ii	Colour	Each	248.80
138	Brass Chromium Plated Soap Tray of size 150mm x 100mm	Each	152.70
139	Brass Chromium Plated Towel Rail 60cm long and 20mm dia with Brackets	Set	248.80
140	Anodised Aluminium Towel Rail 60cm long and 20mm dia with Brackets	Set	128.00
141	PVC / Fibre Glass Framed 5.5mm thick Mirror, Shelf Type with Hard Board Backing		
i	600mm x 450mm	Each	440.00
ii	500mm x 400mm	Each	355.00
142	Stoneware Gully Trap of size 150mm x 100m with Cast Iron Double Gratings	Each	157.70
143	Cast Iron Nahini / Floor Trap with Stainless Steel Grating		
i	100mm x 75mm	Each	258.60
ii	75mm x 50mm	Each	202.60
144	PVC Nahini / Floor Trap with PVC Grating		
i	100mm x 75mm	Each	143.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
ii	75mm x 50mm	Each	125.20
145	First Quality Cast Iron Pipe		
i	150mm Dia	RM	939.00
ii	100mm Dia	RM	566.00
iii	75mm Dia	RM	452.00
iv	50mm Dia	RM	320.00
146	First Quality Cast Iron Specials		
A	Plain Bend		
i	150mm dia	Each	508.00
ii	100mm dia	Each	248.00
iii	75mm dia	Each	191.00
iv	50mm dia	Each	146.00
B	Bend with Door		
i	150mm dia	Each	588.00
ii	100mm dia	Each	298.00
iii	75mm dia	Each	248.00
iv	50mm dia	Each	197.00
C	Plain TEE		
i	150mm dia	Each	1019.00
ii	100mm dia	Each	452.00
iii	75mm dia	Each	309.00
iv	50mm dia	Each	213.00
D	TEE with Door		
i	150mm dia	Each	1075.00
ii	100mm dia	Each	520.00
iii	75mm dia	Each	361.00
iv	50mm dia	Each	259.00
E	"Y" Junction with Door (Single)		
i	150mm dia	Each	1130.00
ii	100mm dia	Each	566.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
iii	75mm dia	Each	395.00
iv	50mm dia	Each	282.00
F	"Y" Junction with Door (Double)		
i	150mm dia	Each	1245.00
ii	100mm dia	Each	633.00
iii	75mm dia	Each	475.00
G	COWL		
i	150mm dia	Each	309.00
ii	100mm dia	Each	186.00
iii	75mm dia	Each	124.00
iv	50mm dia	Each	95.30
147	Stoneware Pipe		
i	150mm dia	Each (0.6.RM)	94.50
ii	100mm dia	Each (0.6.RM)	58.70
148	Stoneware Specials		
A	Stoneware TEE		
i	150mm dia	Each	153.70
ii	100mm dia	Each	118.50
B	Stoneware Bend		
i	150mm dia	Each	130.20
ii	100mm dia	Each	94.00
C	Stoneware "Y" Junction		
i	150mm dia	Each	158.50
ii	100mm dia	Each	118.00
149	Spun Yarn	Kg	12.20
150	Hemp Yarn	Kg	11.00
151	Gunny Tape / Kithan	sqm.	11.00
152	Tar	Kg	38.00
153	Bitumen Felt 15mm thick Pad	sqm.	218.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
154	Supplying, fabricating, erecting and fixing Hilux (or) Equivalent Board False Ceiling upto a ceiling height of 4.5m from floor level		
a	Using Hilux Board Plain Sheets (10mm thick)	sqm.	900.00
b	Using Perforated Sheets (10mm thick)	sqm.	921.00
155	Supplying and laying Glass Wool for insulation including necessary packing materials		
a	Using 50mm thick Glass Wool	sqm.	364.00
b	Using 25mm thick Glass Wool	sqm.	194.00
156	Vitrified Tiles of size 600 x 600 x 8mm	sq.m.	597.00
157	Pre-polished Concrete Anti-Skid Step Tiles of 20mm thick	sq.m.	571.00
158	Colour Designed Glazed Tiles 300 x 200 x 6mm	Each	28.30
159	Squatting Urinal	Set	421.00
160	CI Brackets for fixing the Sink	Set	99.90
161	Swan Neck Tap	Each	235.00
162	Brass Screws (30 x 6mm)	Each	2.25
163	Brass Screws (75 x 10mm)	Each	4.55
164	Special Clamp, Teakwood Plugs and Screws	Set	20.00
165	PVC Clamp, Teakwood Plugs and Screws	Set	7.90
166	Teakwood Plug	Each	1.00
167	Teakwood Plug (50 x 50 x 100mm)	Each	5.00
168	Manhole Cover 60 x 60cm (Heavy Duty) with Frame	Each	1725.00
169	Welding Charges		
a	50mm	Each	1.95
b	40mm	Each	1.55
170	Add for Painting / Tarring for Hex Nipple	Each	2.65
171	Labour Charges for fixing Cuddapah Slab to Cup-Board	sqm	42.60
172	Hire Charges for Polishing Machinery	Day	212.00
173	Electricity Charges	Unit	11.10
174	Stain Free Nano Polish Vitrified Tiles 600 x 600 x 8mm	sqm.	603.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
175	Double Charged Vitrified Tiles 600 x 600 x 8mm	sqm.	900.00
176	Double Charged Vitrified Tiles 800 x 800 x 10mm	sqm.	1150.00
177	Joint free Rectified Glazed Ceramic Flooring Tiles 305 x 305 x 8mm	Each	53.00
178	<p>Supplying and fixing in position White / Colour Glazed Model Floor Mounted European Water Closet of best quality and approved make with 100mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings, such as, 15mm brass ball valve with polythene float with brass handle, union coupling connected by means of 40mm white PVC flush hand using indian adopter joint including all internal fittings, such as, 15mm bras connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition, etc., complete complying with standard specifications. (The EWC and flushing tank with all accessories should be got approved by the Executive Engineer before use on works)</p> <p>Floor Fitting</p>	Each	4695.00
179	<p>Supplying and fixing in position White / Colour Special Delux Model Glazed Cascade Type Parryware / Hindware / Equivalent Wall Mounted European Water Closet of best quality and approved make with 100mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings, such as, 15mm brass ball valve with polythene float with brass handle, union coupling connected by means of 40mm white PVC flush hand using indian adopter joint including all internal fittings, such as, 15mm bras connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition, etc., complete complying with standard specifications. (The EWC and flushing tank with all accessories should be got approved by the Executive Engineer before use on works) with 10 litres capacity flushing tank with all internal dual flush fittings with normal seat cover</p> <p>Wall Fitting</p>	Each	5500.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
180	Vinyl Flooring 2mm thick	sqm.	512.00
181	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete	sqm.	5120.00
182	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase near wet riser using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick will be provided with tubular supports made of 304L Grade Stainless Steel pipe of 25mm dia of 1.60mm thick welded to the railing. The supports will be grouted into the wall and provided with 93.00mm thick Stainless Steel circular base plate of 304 Grade. The rate shall included for grouting into concrete with necessary supporting arrangements the hand rail in floor polishing buffing, bonding, cutting, grinding, conveyance, welding charges, electrical charges, etc. complete	RM	1705.00
183	PVC mould CI Steps for Sump	Each	213.40
184	Vertical Blinds		
a	Ordinary	sqm.	854.00
b	Premium	sqm.	1280.00
185	Stainless Steel Health Faucet	Each	939.00
186	High Density Fibre (HDF) Board	sqm.	2045.00
187	Providing and fixing of Aluminium Composite Panel (ACP) 4 sided having 50 x 25 x 1.50mm frame work vertical and horizontals out of specially designed extruded sections withstand wind pressure of 180 Kg/sq.m and fabricated fixed at all level elevation and heights. The extruded section cutting and fixing required space extruded section shall be of 6063 and alloy of BSH 9 confirming T is - 63400 rate shall included to fix the main frame with necessary clamps, fasteners, bolt nuts etc. The main frame of extruded section shall be of 22843 & 22739 (H9) grade conforming to BS 4174 (or) IS 8147. Rate shall included 4mm thick ACP sheet (0.25 + 3.5 + 0.25) alstrong or equivalent fixing with spacer tape and the ACP sheet bounded with special type structural sealant of dow corning 789 or equivalent in dust free conditions the gaps between ACP sheet to be filed with whether sealant and backer rod or 12mm foam sheet to ensure water and air tightness in all complete complying with standard specification as directed by the departmental officer	sqm.	4265.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
188	Designing the Semi Unitised Structural Glazing System with open groove joint as per design intent, preparation of shop drawings for approval, supply, fabricate, erect as per approved shop drawings at all floor levels and all floor heights including conducting field test as per the test criteria set out in the particular specification (Methodology should be got approved by the Dept. Officials.) Design the framing system (i.e. male & Female frame) to support vision panels, spandrel panels either with glass or aluminium composite panel, openable, window panels on a continuous framing supported between floors. Also design the split framing unutilized glazing system in case of strip or punched windows with vision panel proposed with either insulated / Monolithic glass, groove width in the system both in horizontal and vertical shall not be more than 20mm. Glazing of panel shall be done only at factory at the controlled atmosphere	sqm.	4480.00
189	Bitumen Pad		
a	12mm thick	sqm.	445.00
b	20mm thick	sqm.	666.00
190	<p>Pre-Painted Galvanized Iron Window (Airtight Model) with Grill</p> <p>Specification: Providing and fixing for Pre-Painted GI Window fabricated from roll formed sections made of Galvanized Iron Color Coated / Powder Coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 GSM / sqm.) with total coated thickness of 0.6mm. Coated Sections should be with Primer Coat of Epoxy Primer of 5-7 microns thick, finished paint with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns or powder coated with pure polyester powder upto 50-60 microns thick. Sections for shutter should be of 46 x 46mm and external frame should be of 46 x 52mm. Section for glass beading should be of 18 x 25mm and centre mullion should be of 46 x 70mm. The frame and shutter sections should be cut to length and miter joined with corner bracket made of glass filled Nylon.</p> <p>Mullion Section should be joined with Frame / Mullion using Nylon Mullion Cap Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter between frame and galzed shutter and both sides of fixed glass. Handle made of high grade Aluminum Powder coated and with nylon receiver-1 each shutter. Friction hinge-1 set for each shutter. Glass shutter and fixing glass portions should be provided with a Acrylic Sheet of minimum 6mm thickness. Windows should be provided with grill made of 10mm square. MS Bars welded at 4" intervals centre to centre, 5mm x 12mm MS flat. Total grill unit should be powder coated and fixed to window frame with Rivets. The above frame should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electroplated 80mm long screws into the caps through frames. The Pre-Painted Galvanized Iron Window should be got approved from the Executive Engineer before use on work</p>	sqm.	4300.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
191	<p>UPVC Window Specification: Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work</p>	sqm.	6000.00
192	<p>UPVC Ventilator Specification: Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work</p>	sqm.	6500.00
193	<p>FOAMED PVC DOOR FRAME Specification: Providing factory made pre-laminated FPVC (Formed Polyvinyl Chloride) Door Frame of the size 105 x 40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 5mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 Nos. to be provided for each vertical member, GI stiffeners of ('U' channel of size 29 x 9, 1mm, 150mm long) - 3 Nos. at hinge point, frame reinforcement of ('U' GI channel of size 46 x 22 x 0.6mm), bottom tie rod of ('U' GI channel size of 15 x 15 x 1mm), etc., complete complying with the standard specification. The door frame should be got approved from the Executive Engineer before use on work</p>	RM	426.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
194	ABS DOOR / EQUIVALENT Specification: Providing of 35mm thick factory made pre-laminated ABS (Acrolonitrile Butadiene Styrene) Door Shutter moulded in different designs, consisting of all round frame made out of water proof solid foam PVC bar of size 20 x 32mm, reinforced by 32 x 32mm - 2 Nos., for vertical made out of LVL (Laminated Veneer Lumber), core material of 32mm thick high density craft paper honey comb board, sandwiched on both sides with pre-laminated ABS sheet thickness of 1.5mm. PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos., for each shutter and ISI make SS round lock complete for finished item of work, complete complying with the standard specification. The door shutter and frame should be got approved from the Executive Engineer before use on work		
a	Plain Pre-laminated Door	sqm.	5500.00
b	Design Pre-laminated Door	sqm.	5800.00
195	Rubber Moulded Hydraulic Pressed Paver Block		
a	83mm thick	sqm.	512.00
b	63mm thick	sqm.	426.00
196	TAMIN Paver Block of size – Supply at site		
a	60mm thick	sft.	47.80
b	80mm thick	sft.	57.20
197	Solar Reflective Ceramic Tiles of size		
a	305mm x 305mm x 7mm thick	sqm.	464.00
b	305mm x 240mm x 6mm thick	sqm.	383.00
198	Aerated Auto Claved Cellur Concrete Block 60cm x 20cm x 10-30cm	Each	40.70
199	Plasticizer / Super Plasticizer	Kg.	40.00
	New Items		
200	Making through holes in Plain or Reinforced Cement Concrete with Diamond Core Drilling System by using BOSCH power tools of following diamete - Depth per cm		
a	100mm	Each	300.00
b	150mm	Each	400.00
c	200mm	Each	450.00
201	Dadoing Ceramic Tiles of size 300mm x 450mm x 8mm	Each	57.20

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
202	Dadoing Ceramic Tiles of size 300mm x 600mm x 10mm	Each	85.00
203	Supplying and Installing Metal False Ceiling using Fire Rretardant Galvanized Steel Sheet Plain lay in tile size 600mm x 600mm, 0.5mm thick, powder coated on external surface and shall have flange on all four sides to rest on the exposed grids. The system to give 600mm x 600mm centre to centre 'T'. The 'T' shall be not be dipped GI Tee Section 3600mm long main Tee. 24mm wide and cross Tee panels are formed by running main runner of 'T' section of size 30mm x 24mm powder coated at bottom at intervals with powder coating at bottom. Necessary provision of inter locking of 'T' section are made at required intervals not exceeding 1200mm. The main runners are suspended from the ceiling by means of 4mm dia. GI rods fixed to the ceiling using anchor fasteners of 50mm x 8mm size with nylon inset and hooked to the main rubbers using clips. The last hangers at end of each rubber should not be greater than 600mm from the adjacent wall. The last panel shall be placed at the side wall using edge profile 'L' Angle of size 20mm x 20mm and fixed to the side wall the false ceiling should be fixed of same level and should present a neat look	Sqm.	2915.00
204	Providing and fixing of 1.2mm thick Lead Lining Door for X-Ray Rooms, Scanning Rooms with Mild Steel Door Frames 105mm x 57mm X 18 G and 12 G x 50mm Shutter made of GI with PWG finish and honey wool insulations with SS 101mm x 75mm x 3mm SS 304 Ball Bearings Butt Hinges, Mortice Sash Lock ML 100A, 50mm BS, 85mm centre, CL 207 : Key & Knob 70mm, 5 Pin Cylinder with Handle SS Finish (Dorma Make), Heavy Duty Door Closer, Frames fixed wih walls using Mortice Sash Lock ML 100A, 50mm BS, 85mm centre CL207: Key & Knob 70mm, 5 Pin Cylinder with Handle SS Finish (Dorma Make) all neccessary accessories and fittings as per the required and as per the approval for the Department Officer	Sqm.	13000.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
205	<p>Post Tensioning Work: Design and execution of post tensioning work, including decoiling, the strands, cutting to the required lengths, supplying, laying of HT strands sheathing (GI corrugated ducts 0.3mm thick) jointing with couplers and inserting the strands, profiling, fixing liveend anchorages, including supply of stressing anchorages, suitable for 5-5 & 5-4 tendons, grout vents, making dead end anchorages, including flowering the strands, fixing tendon support bars, supervising the fixing of antibursting reinforcement, stressing the cables, end trimming, grouting the cables, with cement slurry, mixed with admixtures with required tools, plants, and machineries, and consumables etc. (Shuttering, concreting & reinforcement steel shall be paid under respective items) at all heights including all leads, lifts, coordination, with the post-tensioning agency, preparation of drawings, obtaining approval from the Employer / Architect etc. Rate to include providing water, power, cement and admixture for grouting, packing of sheathing and anchorages blockings, filling of recess pockets after stressing using grouts (cement slurry mixed with approved admixtures) including providing access to post tensioning at all heights including all leads, lifts etc., all complete and as approved and as directed by the Employer Architect but excluding shuttering, concreting & reinforcement steel which shall be payable under respective items separately.</p>	MT	185000.00
206	<p>Supplying, fabricating and fixing in position factory made Stainless Steel Flush Door Shutter 35mm thick using SS 304 Grade 1.6 mm thick, Stainless Sheets on both sides (Equivalent to IS 6911-04 Cr. 19, Ni 9) minimum 8-8.5% nickel and 18% chromium sourced from original stainless steel manufacturer with view panel size 30mm x 45mm made up of 6mm thick clear toughened glass fitted with double side adhesive tape and finished with dowconing silicon sealant, floor spring for each shutter, consealed tower bolt, suitable stainless steel locking arrangement and other necessary furniture fittings of approved quality. The vertical styles and other frame members and cross stiffeners shall be of same quality stainless steel box section of suitable size and thickness with proper core material as prescribed by the Departmental Officers</p>	Sqm.	35000.00
207	Brass Letters		
a	25cm (10")	Each	850.00
b	37cm (15")	Each	1200.00
c	Emblem (15")	Each	12000.00
208	Manhole Cover SFRC		
a	600mm x 600mm	Each	2500.00
b	750mm x 750mm	Each	2750.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
c	900mm x 900mm	Each	3000.00
209	Incinerator for Ladies Bathroom (For School Works)	Each	32000.00
210	Polycarbonate Sheet 6mm thick	Sqm.	600.00
211	Melamine Polish	Sqm.	600.00
212	<p>Supplying and erecting in position of following liters capacity Industrial Model Reverse Osmosis Water-cum-Purifier to deliver Potable Water with World Health Organisation (WHO) Standards with following accessories.</p> <p>(a) MS Skid - 1 No. (b) Media 11054 No. Vessel with 20 nb Multiport Valve (with Media Pubble and Fine Sand and Activated Carbon Filling) set (c) Feed Pump 0.50 HP – 1 No. (d) Vertical Pump 2-9, 2.00 HP / Single Phase – 1 No. (e) Membrane 40 x 40 filmtech (or) equilaents / Osmonic (USA) - 1 No. and Membrane Pressure Vessel 40 x 40 -1 No. & Pressure Gauge - 2 Nos. (f) Flow Meter - 1 No. 20" Filter with Housing - 1 No. Low Pressure Switch - 1 No., Level Switch - 1 No. & Necessary CPVC Pipes and Fittings.</p> <p>The system shall be provide with Two Panel Control System with necessary Stainless Valves and Fittings and Float Control etc. The rate should be inclusive of all civil works, wherever necessary to install the System in position and intact</p>		
a	250 Litres	Set	100000.00
b	500 Litres	Set	210000.00
c	1000 Litres	Set	350000.00
d	2000 Litres	Set	480000.00

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
WATER SUPPLY AND SANITARY ARRANGEMENTS					
213	PVC ITEMS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)				
1	PVC Pipes				
a	15mm dia	RM	--	--	13.90
b	20mm dia	RM	--	--	20.60
c	25mm dia	RM	--	--	35.10
d	32mm dia	RM	--	--	52.50
e	40mm dia	RM	--	--	82.20
f	50mm dia	RM	52.50	82.20	122.90
g	63mm dia	RM	76.00	111.30	--
h	75mm dia	RM	105.70	158.40	--
i	90mm dia	RM	123.20	188.20	--
j	110mm dia	RM	164.60	247.00	--
l	160mm dia	RM	340.00	482.00	--
Note	(1) For Rainwater down fall pipe works, only PVC Pipe of working Pressure of 4 kg. per sq.cm. shall be adopted.				
	(2) For Sanitary arrangement items of works, only PVC Pipe of working Pressure of 6 kg. per sq.cm. shall be adopted.				
	(3) For Water Supply arrangement items of works, only PVC Pipe of working Pressure of 10 kg. per sq.cm. shall be adopted.				
214	PVC Specials for water supply arrangements				
A	Coupler				
a	15mm dia	Each	--	--	3.40
b	20mm dia	Each	--	--	3.90
c	25mm dia	Each	--	--	4.60
d	32mm dia	Each	--	--	5.80
e	40mm dia	Each	--	--	8.60
f	50mm dia	Each	--	--	11.70
B	Elbow				
a	15mm dia	Each	--	--	5.10

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
b	20mm dia	Each	--	--	5.80
c	25mm dia	Each	--	--	8.10
d	32mm dia	Each	--	--	11.70
e	40mm dia	Each	--	--	16.40
f	50mm dia	Each	--	--	23.40
C	Bend				
a	15mm dia	Each	--	--	5.80
b	20mm dia	Each	--	--	7.00
c	25mm dia	Each	--	--	9.30
d	32mm dia	Each	--	--	13.90
e	40mm dia	Each	--	--	18.70
f	50mm dia	Each	--	--	29.30
D	Tee				
a	15mm dia	Each	--	--	7.00
b	20mm dia	Each	--	--	8.10
c	25mm dia	Each	--	--	11.70
d	32mm dia	Each	--	--	14.00
e	40mm dia	Each	--	--	23.40
f	50mm dia	Each	--	--	35.10
E	End Cap				
a	15mm dia	Each	--	--	3.40
b	20mm dia	Each	--	--	4.60
c	25mm dia	Each	--	--	5.80
d	32mm dia	Each	--	--	7.00
e	40mm dia	Each	--	--	10.90
f	50mm dia	Each	--	--	15.10
F	Reducer				
a	20mm x 15mm	Each	--	--	4.60
b	25mm x 20mm	Each	--	--	5.10
c	32mm x 25mm	Each	--	--	8.10
d	40mm x 32mm	Each	--	--	10.90

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
e	50mm x 40mm	Each	--	--	18.70
G	Reducer Tee				
a	20mm x 15mm	Each	--	--	7.00
b	25mm x 20mm	Each	--	--	8.10
c	32mm x 25mm	Each	--	--	11.70
d	40mm x 32mm	Each	--	--	14.00
e	50mm x 40mm	Each	--	--	23.40
H	Reducer Elbow				
a	20mm x 15mm	Each	--	--	5.80
b	25mm x 20mm	Each	--	--	7.00
c	32mm x 25mm	Each	--	--	9.30
d	40mm x 32mm	Each	--	--	11.70
e	50mm x 40mm	Each	--	--	17.50
I	Jet Nipple				
a	25mm dia	Each	--	--	15.10
b	32mm dia	Each	--	--	19.80
J	PVC Door Bend				
a	15mm dia	Each	--	--	5.80
b	20mm dia	Each	--	--	7.00
c	25mm dia	Each	--	--	9.30
d	32mm dia	Each	--	--	13.90
e	40mm dia	Each	--	--	18.70
f	50mm dia	Each	--	--	27.10
K	PVC Door Tee				
a	15mm dia	Each	--	--	7.00
b	20mm dia	Each	--	--	8.10
c	25mm dia	Each	--	--	11.70
d	32mm dia	Each	--	--	14.00
e	40mm dia	Each	--	--	23.20
f	50mm dia	Each	--	--	26.30

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
215	PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)			
A	Elbow			
a	75mm	Each	61.60	50.40
b	90mm	Each	78.90	60.90
c	110mm	Each	95.70	78.90
d	160mm	Each	107.00	90.30
B	Door Elbow			
a	75mm	Each	78.90	56.40
b	90mm	Each	101.60	67.70
c	110mm	Each	124.00	107.00
d	160mm	Each	146.80	124.20
C	Tee			
a	75mm	Each	84.40	78.90
b	90mm	Each	107.00	95.70
c	110mm	Each	140.90	129.60
d	160mm	Each	158.10	140.10
D	Tee with Door (Single)			
a	75mm	Each	107.00	101.60
b	90mm	Each	129.60	112.70
c	110mm	Each	163.50	152.20
d	160mm	Each	197.40	180.80
E	Tee with Door (Double)			
a	75mm	Each	135.30	129.60
b	90mm	Each	186.00	169.00
c	110mm	Each	226.00	214.00
d	160mm	Each	259.00	230.00
F	Bend			
a	75mm	Each	67.70	56.40
b	90mm	Each	84.40	67.70
c	110mm	Each	101.60	84.40
d	160mm	Each	112.70	95.70

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
G	"Y"			
a	75mm	Each	90.30	84.40
b	90mm	Each	112.70	101.60
c	110mm	Each	146.80	135.50
d	160mm	Each	163.50	146.80
H	"Y" with Door (single)			
a	75mm	Each	107.00	101.60
b	90mm	Each	135.60	118.30
c	110mm	Each	180.80	158.10
d	160mm	Each	208.00	186.00
I	"Y" with Door (Double)			
a	75mm	Each	146.80	140.80
b	90mm	Each	197.40	180.80
c	110mm	Each	237.30	225.00
d	160mm	Each	287.00	259.00
J	Double Tee with Door (Single)			
a	75mm	Each	186.00	152.20
b	90mm	Each	214.00	174.80
c	110mm	Each	253.00	220.00
d	160mm	Each	282.00	248.00
K	Double "Y" with Door (single)			
a	75mm	Each	203.00	169.00
b	90mm	Each	226.00	192.00
c	110mm	Each	259.00	242.00
d	160mm	Each	316.00	282.00
L	Reducer			
a	75mm x 63mm	Each	61.70	50.40
b	110mm x 63mm	Each	78.90	67.70
c	110mm x 75mm	Each	90.30	78.90
d	110mm x 90mm	Each	101.50	90.30
f	160mm x 110mm	Each	118.30	112.70

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
M	Shoe			
a	110mm dia	Each	--	67.70
b	160mm dia	Each	--	101.50
N	Vent Cowl			
a	50mm dia	Each	--	27.90
b	75mm dia	Each	--	45.10
c	110mm dia	Each	--	67.70
216	PVC AND HDPE PIPES FOR BORE WELLS			
A	Special Blue Pipes for Bore Well			
a	110mm dia	RM	--	281.00
b	125mm dia	RM	--	316.00
c	140mm dia	RM	--	363.00
d	160mm dia	RM	--	410.00
B	Special Blue Slotted Pipes for Bore Wells			
a	110mm dia	RM	--	293.00
b	125mm dia	RM	--	334.00
c	140mm dia	RM	--	387.00
d	160mm dia	RM	--	470.00
C	End Cap for Bore Well			
a	110mm dia	Each	--	87.90
b	125mm dia	Each	--	94.00
c	140mm dia	Each	--	105.80
d	160mm dia	Each	--	117.00
D	HDPE PIPES FOR SUB-MERSIBLE PUMP IN BORE WELL Class-5 (1 MPa or 10 kg./cm2 pressure)			
a	20mm dia	RM	--	29.00
b	25mm dia	RM	--	52.50
c	32mm dia	RM	--	70.40
d	40mm dia	RM	--	99.60
e	50mm dia	RM	--	141.00

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
	OTHER ITEMS :			
217	PVC Screw Down Tap Heavy Type 20mm dia	Each		75.70
218	PVC Screw Down Tap Heavy Type 15mm dia	Each		58.50
219	PVC Adhesive (Solution)	100 gm		32.10
220	PVC low level flushing tank with all internal fittings (wall mounting type)			
a	White - 10 litre capacity	Set		807.00
b	White - 7.5 litre capacity	Set		617.00
c	Colour - 10 litre capacity	Set		914.00
d	Colour - 7.5 litre capacity	Set		726.00
221	PVC Water Tank	Litre		8.20
222	UPVC Pipe (Un-Plasticized Polyvinyl Chloride) UPVC used for residential and home applications, water pressure in residential areas do not normally exceed the maximum tolerance. (Schedule-40)			
a	15mm dia	RM		34.60
b	20mm dia	RM		49.70
c	25mm dia	RM		72.00
d	32mm dia	RM		97.70
e	40mm dia	RM		108.40
f	50mm dia	RM		149.30
g	65mm dia	RM		222.20
h	80mm dia	RM		284.40
i	100mm dia	RM		373.30
j	150mm dia	RM		622.00
223	UPVC Pipe (Un-Plasticized Polyvinyl Chloride) UPVC used for commercial applications operate and designed to handle higher water pressure (Schedule-80)			
a	15mm dia	RM		43.50
b	20mm dia	RM		61.30
c	25mm dia	RM		87.10
d	32mm dia	RM		120.00

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
e	40mm dia	RM	148.40	
f	50mm dia	RM	201.00	
g	65mm dia	RM	287.00	
h	80mm dia	RM	413.00	
i	100mm dia	RM	612.00	
j	150mm dia	RM	1022.00	
224	CPVC (Chlorinated Poly Vinyl Chloride) Pipe (Higher pressure rating with higher pipe thickness) Standard Dimension Ratio-11			
a	15mm dia	RM	62.90	
b	20mm dia	RM	95.40	
c	25mm dia	RM	148.70	
d	32mm dia	RM	222.20	
e	40mm dia	RM	244.40	
f	50mm dia	RM	266.60	
g	65mm dia	RM	288.80	
225	CPVC (Chlorinated Poly Vinyl Chloride) Pipe (Lesser pressure rating with lesser pipe thickness) Standard Dimension Ratio-13.50			
a	15mm dia	RM	55.10	
b	20mm dia	RM	87.40	
c	25mm dia	RM	126.90	
d	32mm dia	RM	192.80	
e	40mm dia	RM	212.40	
f	50mm dia	RM	232.00	
g	65mm dia	RM	251.00	
	New Items			
226	UPVC Specials			
I	Elbow			
a	50mm dia	Each	71.25	
b	40mm dia	Each	47.50	
c	32mm dia	Each	35.65	
d	25mm dia	Each	23.75	

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
e	20mm dia	Each	14.65	
f	15mm dia	Each	9.75	
II	Tee			
a	50mm dia	Each	98.75	
b	40mm dia	Each	61.25	
c	32mm dia	Each	46.25	
d	25mm dia	Each	31.25	
e	20mm dia	Each	18.15	
f	15mm dia	Each	12.90	
III	Union			
a	25mm dia	Each	53.75	
b	32mm dia	Each	72.50	
c	40mm dia	Each	107.50	
IV	Reducer			
a	50mm x 40mm dia	Each	48.75	
b	40mm x 32mm dia	Each	31.25	
c	32mm x 25mm dia	Each	22.75	
d	25mm x 20mm dia	Each	13.75	
e	20mm x 15mm dia	Each	10.25	
V	Reducer Elbow			
a	50mm x 40mm dia	Each	95.00	
b	40mm x 32mm dia	Each	65.30	
c	32mm x 25mm dia	Each	47.50	
d	25mm x 20mm dia	Each	31.05	
e	20mm x 15mm dia	Each	25.80	
VI	Reducer Tee			
a	50mm x 40mm dia	Each	108.75	
b	40mm x 32mm dia	Each	72.50	
c	32mm x 25mm dia	Each	52.50	

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
d	25mm x 20mm dia	Each	31.25	
e	20mm x 15mm dia	Each	25.00	
VII	Hex Nipple			
a	50mm dia	Each	152.50	
b	40mm dia	Each	101.25	
c	32mm dia	Each	66.25	
d	25mm dia	Each	47.50	
227	CPVC Specials			
I	Elbow			
a	50mm dia	Each	299.00	
b	40mm dia	Each	145.00	
c	32mm dia	Each	87.10	
d	25mm dia	Each	40.95	
e	20mm dia	Each	19.50	
f	15mm dia	Each	16.90	
II	Tee			
a	50mm dia	Each	376.00	
b	40mm dia	Each	199.55	
c	32mm dia	Each	111.15	
d	25mm dia	Each	49.40	
e	20mm dia	Each	31.85	
f	15mm dia	Each	22.75	
III	Coupling			
a	50mm dia	Each	204.75	
b	40mm dia	Each	98.15	
c	32mm dia	Each	53.50	
d	25mm dia	Each	26.65	
e	20mm dia	Each	15.60	
f	15mm dia	Each	13.00	

Sl. No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)	
			"O" Ring Jointing	By pasting
IV	Union			
a	50mm dia	Each	540.00	
b	40mm dia	Each	300.00	
c	32mm dia	Each	181.35	
d	25mm dia	Each	112.45	
e	20mm dia	Each	89.05	
f	15mm dia	Each	57.20	
V	Nipple			
a	50mm dia	Each	357.50	
b	40mm dia	Each	226.85	
c	32mm dia	Each	155.35	
d	25mm dia	Each	99.45	
e	20mm dia	Each	65.65	
f	15mm dia	Each	59.80	
Note:	The Basic Rate adopted under this Head, "Annexure-VI - Rates of Other Construction Materials" is exclusive of all taxes and GST.			


 22/5/18
 Engineer-in-Chief, WRD &
 Chief Engineer (General), PWD,
 Chennai-5


 22/5/18

ANNEXURE-VII

RATES OF ELECTRICAL 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	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
	RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.		
I	PART "A"		
1	INCANDESCENT BULBS 230V/250V GRADE BC/ES WITH ISI		
a	15 Watts	Each	9.10
b	25 Watts	Each	9.10
c	40 Watts	Each	9.10
d	60 Watts	Each	9.10
e	100 Watts	Each	9.10
f	200 Watts	Each	18.20
2	INCANDESCENT BULB 230V/250V GRADE B.C/E.S		
a	Colour 15 Watts	Each	11.10
b	Blended Lamp 160 Watts	Each	220.00
3	PL LAMP (PHILIPS / OSRAM / EQUIVALENT)		
a	9 Watts	Each	68.50
b	11 Watts	Each	73.00
c	18 Watts	Each	115.00
d	36 Watts	Each	127.90
4	FLUORESCENT TUBULAR LAMPS WITH ISI MARK		
a	Cool Day Light 2 Ft. 20 Watts	Each	34.40
b	Cool Day Light 4 Ft. 40 Watts	Each	34.40
c	Cool Day Light 4 Ft. 36 Watts	Each	33.60
	New Item		Havells/ Equivalent
5	4' 18W Crystal Glass LED Tube Light	Each	370.50
6	MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC		
a	80 Watts	Each	158.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
b	125 Watts	Each	166.00
c	250 Watts	Each	405.00
d	400 Watts	Each	572.00
7	BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK		
a	4 Ft. 40 Watts with Ballast	Each	293.00
b	4 Ft. 40 Watts with Ballast (Philips / Crompton / Wipro / Equivalent)	Each	431.00
8	BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK		
a	4 Ft. 40 Watts	Each	550.00
b	4 Ft. 40 Watts with Ballast (Philips / Crompton / Equivalent)	Each	718.00
9	INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W		
a	Single type suitable for 1 No. Tube	Each	810.00
b	Twin type suitable for 2 Nos. Tube	Each	995.00
10	DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR COMPLETE SUITABLE FOR 2 Nos. FLUORESCENT TUBES		
a	4' 40 W Twin Mirror Optic Recessed Mounting Fitting	Each	1395.00
b	4' 40 W Twin Mirror Optic Suspension Type Fitting (Philips / Crompton / Wipro / Equivalent)	Each	2515.00
c	4' 40 W Twin Mirror Optic Recessed Mounting Type (Philips / Crompton / Wipro / Equivalent)	Each	1845.00
11	SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE No. FLUORESCENT TUBE WITH COPPER CHOKE & CONDENSOR COMPLETE		
a	4 Ft. 40 Watts Type	Each	614.00
12	TWIN TYPE STREET LIGHTS FLUORESCENT FITTING SUITABLE FOR 2 Nos. FLUORESCENT TUBES WITH COPPER CHOKE & CONDENSOR COMPLETE		
a	4 Ft. 40 Watts Type	Each	826.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	13	POST TOP LANTERN FITTING OF (INTEGRAL TYPE WITH COPPER CHOKE & CONDENSOR & NECESSARY ACCESSORIES (PHILIPS / CROMPTON GREAVES / WIPRO / EQUIVALENT) (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)			
	a	Suitable for 125 Watts MV Lamp	Each	2970.00	
	b	Suitable for 70 Watts SV Lamp	Each	3130.00	
	c	Post top lantern fitting with SC holder suitable for 160W Blended Lamp / Incandescent Lamp	Each	1710.00	
	14	CFL STREET LIGHT FITTINGS (COMPACT FLOURESCENT LAMP)		Higher End Havells / Crompton / Equivalent	Lower End Orbit/ Inventa / Equivalent
	a	T5 Street Light (IP65) T5SHE11414EB / 4 x 14W T5	Each	3540.00	2830.00
	b	T5 Street Light (IP65) T5SHO11424EB / 4 x 24W T5	Each	3910.00	3130.00
	c	1 x 9W CFL Street Light	Each	815.00	652.00
	d	1 x 11W CFL Street Light	Each	815.00	652.00
	e	1 x 13W CFL Street Light	Each	820.00	655.00
	f	1 x 18W CFL Street Light	Each	820.00	655.00
	g	2 x 9W CFL Street Light	Each	780.00	625.00
	h	2 x 11W CFL Street Light	Each	955.00	765.00
	i	2 x 13W CFL Street Light	Each	955.00	765.00
	j	2 x 18W CFL Street Light	Each	955.00	765.00
	k	1 x 36 CFL Street Light	Each	975.00	780.00
	l	Orion Retro 45-1 x 45W 4U Retro CFL B22 Street Light	Each	910.00	730.00
	m	Orion Nova CFL - 1 x 85W CFL E27 Street Light	Each	1480.00	1185.00
	n	Orion Nova CFL 1 x 85W CFL B22 Street Light	Each	1480.00	1185.00
	o	Crypton DD Series for FP-L2 x 36WFP-LHF(MS) Street Light	Each	1540.00	1230.00
	p	Crypton DD Series for FP-L2 x 36WFP-LHF(AL) Street Light	Each	1710.00	1365.00
	q	Crypton DD Series for T5 1 x 24W FTL T5 Street Light	Each	1595.00	1275.00
	r	Crypton DD Series for T5 2 x 14W FTL T5 Street Light	Each	1765.00	1415.00
	s	Crypton DD Series for T5 2 x 24W FTL T5 Street Light	Each	1850.00	1480.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	t	Crypton FTL 1 x 36 / 40W FTL Street Light	Each	1280.00	1025.00
	u	Crypton FTL 2 x 36 / 40W FTL Street Light	Each	1825.00	1460.00
	15	LED INDOOR FITTINGS (LIGHT EMITTING DIODE)		Higher End Philips / Havells / Equivalent	Lower End Orbit / Equivalent
	a	LED 4000K 2 x 2 Square Type Recessed Fitting	Each	3350.00	2375.00
	b	18W LED 3000K Square Type Recessed Fitting	Each	1310.00	865.00
	c	18W LED 3000K Round Type Recessed Fitting	Each	1190.00	940.00
	16	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE)		Higher End Philips / Havells / Equivalent	
	a	30W LED Street Light Fitting	Each	2390.00	
	b	48W LED Street Light Fitting	Each	4720.00	
	c	80W LED Focus Light Fitting	Each	11250.00	
	17	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE)		Lower End Orbit / Equivalent	
	a	25W LED Street Light Fitting	Each	1130.00	
	b	30W LED Street Light Fitting	Each	1755.00	
	c	60W LED Street Light Fitting	Each	3470.00	
		New Items			
	18	TIMER SWITCHES		Havells/ Equivalent	
	a	24 Hours Analog Timer Switch with Shortest Switching Time 30 Minutes	Each	2180.00	
	b	24 Hours Programmable Timer Switch with Shortest Switching Time 15 Minutes	Each	2315.00	
	c	Digital Weekly Programmable Timer Switch with Shortest Switching Time 1 Minute	Each	2170.00	
	d	Astronomical Weekly Programmable Timer Switch	Each	2500.00	
	e	Staircase Light Timer Switch Adjustable Range 5 to 20 Minutes	Each	1150.00	
	19	STARTERS FOR FLUORESCENT TUBES			
	a	Starters of capacity 20 Watts	Each	9.10	
	b	Starters of capacity 40 Watts	Each	9.10	

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
20	POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR (PHILIPS / CROMPTON / WIPRO / EQUIVALENT)		
a	20 Watts Fluorescent Tube	Each	162.00
b	40 Watts Fluorescent Tube	Each	162.00
c	36 / 40W Electronic Ballast for Fluorescent Tube (Philips / Crompton / Equivalent)	Each	269.00
d	36 / 40W Electronic Ballast for Fluorescent Tube (Indo Asean / Equivalent)	Each	219.00
21	CONDENSOR FOR SV / MV LAMP		
a	8 Mfd for 80 Watts Bulb	Each	98.80
b	10 Mfd for 125 Watts Bulb	Each	118.30
c	15 Mfd for 250 Watts Bulb	Each	157.50
d	20 Mfd for 400 Watts Bulb	Each	217.90
22	Battern Type Bakelite Holder for Lamp	Each	15.80
23	Water Tight Bulk Head Fitting suitable for 100 / 60 Watts Lamp with Guard Heavy Type (PHILIPS / BAJAJ / CROMPTON GREAVES / EQUIVALENT)	Each	263.40
24	Ceiling Rose	Each	13.15
25	Ceiling Fixtures 250 / 300mm complete with gallery tc. Clear Glass Opac / Ccrystal suitable for 40 / 60 Watts Bulb	Each	155.20
26	Ceiling Luminaire with Mirror Optics suitable for 2 Nos. 9 Watts / 11 Watts (Philips / Crompton / Bajaj / Equivalent)	Each	983.20
	(For Items 6 to 14, 24 & 25 the rates are exclusive of cost of Tubes and Lamps)		
27	Fan Clamp (Dia 12mm) with 6mm MS Side Plates & 45cm Cross Arm	Each	105.00
28	CALL BELLS		
a	Call Bell / Buzzer 6mm suitable for AC / DC	Each	39.50
b	Push Bell	Each	15.80
c	Gong Bell 9" size suitable for 250V	Each	395.00
d	Gong Bell 12" size suitable for 250V	Each	572.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
29	WATER HEATER WITH ISI MARK (VENUS / RACOLD / EQUIVALENT)		
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	4790.00
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	Each	6470.00
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	5550.00
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	Each	7430.00
II	PART "B"		
1	FANS - CONFORMING TO ISS 374 / 1979		
a	AC Ceiling Fan complete 1200 mm (48") Sweep with 300mm Down Rod (without Regulator)	Each	1090.00
b	AC Ceiling Fan Complete 1400 mm (56") Sweep with 300mm Down Rod (without Regulator)	Each	1170.00
c	Stepped Electronic 300W / 450W Square Type Fan Regulator (Anchor Deluxe / Equivalent)	Each	185.50
d	Dimmer Type Electronic 300W / 450W Square Type Fan Regulator (Anchor Deluxe / Equivalent)	Each	148.30
e	AC Ceiling Fan complete 1200mm (48") Sweep with 300mm Down Rod (without Regulator) (Crompton / Equivalent)	Each	1238.00
f	AC Ceiling Fan complete 1400mm (56") Sweep with 300mm Down Rod (without Regulator) (Crompton / Equivalent)	Each	1335.00
2	EXHAUST FANS		
a	AC Exhaust Fan 225mm (9") Sweep (Light Duty)	Each	1010.00
b	AC Exhaust Fan 300mm (12") Sweep (Light Duty)	Each	1155.00

Item No.	Details		Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
c	AC Exhaust Fan 375mm (15") Sweep (Light Duty)		Each	1190.00	
d	AC Exhaust Fan 450mm (18") Sweep (Light Duty)		Each	1675.00	
e	AC Exhaust Fan 375mm (15") Sweep (Light Duty)		Each	2200.00	
f	AC Exhaust Fan 450mm (18") Sweep (Light Duty)		Each	2735.00	
3	LOUVER SHUTTERS ARRANGEMENTS				
a	MS / Fibre Louvers Shutters arrangements for 300mm AC Exhaust Fan		Each	210.90	
b	MS / Fibre Louvers Shutters arrangements for 375mm AC Exhaust Fan		Each	223.40	
c	MS / Fibre Louvers Shutters arrangements for 450mm AC Exhaust Fan		Each	250.00	
4	CEILING FAN			Higher End Havells / Crompton / Usha / Equivalent	Lower End Almonard/ Equivalent
a	48" Ceiling Fan 5 Star Rates		Each	1393.00	1239.00
b	48" Ceiling Fan Crompton High Speed		Each	1385.00	1222.00
5	DIMMER AND REGULATOR				
a	Fan Step Regulator 100W - 1 Module		Each	324.00	233.00
b	Fan Step Regulator 100W - 2 Module		Each	370.00	266.00
III	PART "C"				
1	SWITCHES				
a	5 Amps (Flush Type)		Dozen	184.00	
b	5 Amps (Flush Type Staircase)		Dozen	229.00	
2	DOUBLE POLE SWITCHES (GEM / HPL / HAVELLS / EQUIVALENT)				
a	16 Amps DP Switch with Metal Clad (Front Handle)		Each	395.00	
b	32 Amps DP Switch with Metal Clad (Front Handle)		Each	810.00	
c	16 Amps DP Switch with Metal Clad (Side Handle)		Each	326.00	
d	32 Amps DP Switch with Metal Clad (Side Handle)		Each	735.00	
3	TRIPLE POLE SWITCHES (SIDE HANDLE) (STANDARD / HPL / HAVELLS / EQUIVALENT)				
a	100 Amps TPN Switch with HRC Fuses Sheet Steel Double Break		Each	5550.00	

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
b	125 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	6085.00
c	200 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	7865.00
d	315 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	11160.00
e	400 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	14370.00
f	16 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	843.00
g	32 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	1245.00
h	63 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	2710.00
i	100 Amps Metal Clad Switch with Re-wirable Fuse Units	Each	5335.00
j	200 Amps Metal Clad Switch with Re-wirable Fuse Units	Each	8100.00
4	SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF) (L & T / SIEMENS / EQUIVALENT)		
a	63A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	3430.00
b	100A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	5770.00
c	125A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	6810.00
d	200A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	8550.00
e	250A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	10670.00
f	315A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	12790.00
g	400 TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	14670.00
5	SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL) (L & T / SIEMENS / EQUIVALENT)		
a	63A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	2265.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
b	100A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	4120.00
c	125A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	5620.00
d	200A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	7250.00
e	250A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	9450.00
f	315A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	11880.00
g	400A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	14020.00
6	FUSE UNITS (ANCHOR / EQUIVALENT)		
a	16 Amps Porcelain Fuse Unit (500V)	Each	45.60
b	32 Amps Porcelain Fuse Unit (500V)	Each	80.70
c	63 Amps Porcelain Fuse Unit (500V)	Each	180.00
d	100Amps Porcelain Fuse Unit (500V)	Each	325.00
e	200 Amps Porcelain Fuse Unit (500V)	Each	526.00
7	SINGLE PHASE DBS (GEM / EQUIVALENT)		
a	4 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	439.00
b	6 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	597.00
c	8 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	740.00
8	THREE PHASE DBS (GEM / EQUIVALENT)		
a	4 Way TPDB 16A / Way with Fuse & Neutral Link	Each	1730.00
b	6 Way TPDB 16A / Way with Fuse & Neutral Link	Each	2370.00
c	8 Way TPDB 16A / Way with Fuse & Neutral Link	Each	2869.00
d	4 Way TPDB 32A / Way with Fuse & Neutral Link	Each	2190.00
e	6 Way TPDB 32A / Way with Fuse & Neutral Link	Each	2925.00
f	8 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3700.00
g	4 Way TPDB 63A / Way with Fuse & Neutral Link	Each	5115.00
h	6 Way TPDB 63A / Way with Fuse & Neutral Link	Each	6580.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	9	CHANGE OVER SWITCHES GEM / HAVELL'S / HPL / STANDARD / EQUIVALENT)			
	a	16 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1190.00	
	b	32 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1410.00	
	c	63 Amps Three Phase 500V 4 Pole Change Over Switch	Each	3080.00	
	d	100 Amps Three Phase 500V 4 Pole Change Over Switch	Each	4895.00	
	e	200 Amps Three Phase 500V 4 Pole Change Over Switch	Each	9210.00	
	10	MODULAR SWITCHES		Higher End Crabtree / legrand / Hager / Equivalent	Lower End Orbit / Oswin / ROMA / Equivalent
	1	Switches 6A - 230V			
	a	6A Switch 1W - 1 Module	Each	74.00	54.60
	b	6A Switch 2W - 1 Module	Each	90.40	64.30
	c	6A Switch 1W - 1 Module with Indicator	Each	99.40	70.90
	d	6A Switch 1W - 1 Module with 'Light' Marking	Each	79.80	57.00
	e	6A Switch 1W - 1 Module with 'Fan' Marking	Each	79.80	57.00
	2	Switches 16A - 230V			
	a	16A Switch 1W - 1 Module	Each	111.60	79.80
	b	16A Switch 2W - 1 Module	Each	137.70	99.40
	c	16A Switch 1W with Indicator - 1 Module	Each	131.20	94.50
	3	Switches 20A - 230V			
	a	20A 1W Switch - 1 Module	Each	145.00	104.30
	b	20A DP 1W Switch - 2 Module	Each	242.00	173.00
	c	20A DP 1W Switch with Indicator - 2 Module	Each	255.00	184.00
	4	Switches 25A - 230V			
	a	25A SP 1W Switch with Indicator - 1 Module	Each	158.00	114.00
	5	Switches 32A - 230V			
	a	32A DP Switch with Indicator - 2 Module	Each	308.00	223.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
11	PUSH BUTTONS			
a	6A Push Button SP - 1 Module	Each	100.00	72.50
b	6A Push Button SP with Indicator - 1 Module	Each	130.00	93.70
c	6A Bell Push - 1 Module	Each	99.40	70.90
d	6A Bell push with Indicator - 1 Module	Each	123.00	88.00
e	6A Bell Push - 2 Module	Each	130.00	93.70
f	6A Bell Push with Indicator - 2 Module	Each	153.00	110.00
12	MOTOR STARTER			
a	25A Motor Starter - 2 Module	Each	286.00	206.00
13	FLUSH MOUNTING BOXES (GI)			
a	Flush Box - 1/2 Module	Each	36.80	26.60
b	Flush Box - 3 Module	Each	43.10	31.30
c	Flush Box - 4 Module	Each	52.50	37.60
d	Flush Box - 6 Module	Each	82.30	59.50
e	Flush Box - 8 Module	Each	101.00	72.90
f	Flush Box - 8 Module (2 row x 4)	Each	101.80	73.70
g	Flush Box - 12/16 (2 row x 6) Module Metal Box	Each	136.40	98.00
h	Flush Box - 18 Module Metal Box	Each	155.20	111.30
14	SURFACE MOUNTING BOXES (PLASTIC)			
a	Surface Box - 1/2 Module	Each	40.70	29.00
b	Surface Box - 3 Module	Each	43.10	31.30
c	Surface Box - 4 Module	Each	55.60	39.90
d	Surface Box - 6 Module	Each	72.10	52.50
e	Surface Box - 8 Module	Each	87.80	63.50
f	Surface Box - 8 (2 row x 4) Module	Each	101.90	73.70
g	Metal Surface Box - 12/16 (2 row x 6) Module	Each	154.40	111.30
h	Metal Surface Box - 18 Module	Each	196.80	141.10
15	COMBINED PLATES (PLASTIC)			
a	1 Metre Cover Plate	Each	60.30	43.90
b	2 Metre Cover Plate	Each	63.50	45.40

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	c	3 Metre Cover Plate	Each	76.80	54.80
	d	4 Metre Cover Plate	Each	85.40	61.10
	e	6 Metre Cover Plate	Each	119.90	86.20
	f	8 Metre Cover Plate	Each	152.80	109.70
	g	8 Metre Cover Plate (H)	Each	153.60	110.50
	h	12 Metre Cover Plate	Each	191.30	138.00
	i	18 Metre Cover Plate	Each	241.50	173.20
	16	COMBINED PLATES (ALUMINIUM)			
	a	1 Metre Cover Plate	Each	123.00	88.60
	b	2 Metre Cover Plate	Each	129.30	93.30
	c	3 Metre Cover Plate	Each	140.30	101.10
	d	4 Metre Cover Plate	Each	158.30	113.70
	e	6 Metre Cover Plate	Each	269.00	194.40
	f	8 Metre Cover Plate	Each	297.00	214.80
	g	8 Metre Cover Plate (H)	Each	378.00	272.00
	h	12 Metre Cover Plate	Each	491.00	354.00
	i	18 Metre Cover Plate	Each	648.00	466.00
IV		PART "D"			
	1	PLUG AND SOCKETS			
	a	5 Amps 3 Pin & 2 Pin Combined Flush Type Wall Socket only	Each	22.90	
	b	5 Amps / 15 Amps 3 Pin Flush Type Wall Socket only	Each	51.70	
	c	5 Amps 3 Pin Top	Each	32.50	
	d	15 Amps 3 Pin Top	Each	46.00	
	e	15 Amps Flush Type Switch	Each	53.60	
	f	10 Amps MC Plug with 3 Pin Top	Each	171.00	
	g	20 Amps MC Plug with 3 Pin Top	Each	195.00	
	2	SOCKET - 230V		Higher End Crabtree / legrand / Hager / Equivalent	Lower End Orbit / Oswin / ROMA / Equivalent
	a	16A 3 Pin Switched Socket - 3 Module	Each	368.00	265.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	b	6A 5 pin Universal Socket - 2 Module	Each	114.00	83.00
	c	6/16A Socket - 3 Module	Each	207.00	149.00
	d	6/16A Socket - 2 Module	Each	176.00	126.00
		New Item			
	e	25A Flush type Wall Socket with 25A DP MCB for AC Plug	Each	--	768.00
	3	SINGLE PHASE WATT HOUR METERS (HPL / EQUIVALENT)			
	a	AC Single Phase 230V / 250V / 50HZ 5 Amps Watt Hour Meter	Each	912.00	
	b	AC Single Phase 230V / 250V / 50HZ 10 Amps Watt Hour Meter.	Each	912.00	
	c	AC Single Phase 230V / 250V / 50HZ 20 Amps Watt Hour Meter	Each	912.00	
	4	THREE PHASE WATT HOUR METERS (ANCHOR / EQUIVALENT)			
	a	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 10 Amps Watt Hour Meter	Each	1880.00	
	b	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 25 Amps Watt Hour Meter	Each	1880.00	
	c	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 50 Amps Watt Hour Meter	Each	2380.00	
V		PART "E"			
	1	SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK			
	a	2 core 6 sq.mm. PVC Armoured UG Cable	Metre	84.80	
	b	2 core 10 sq.mm. PVC Armoured UG Cable	Metre	103.20	
	c	2 core 16 sq.mm. PVC Armoured UG Cable	Metre	112.00	
	d	2 core 25 sq.mm. PVC Armoured UG Cable	Metre	127.30	
	e	3 ¹ / ₂ core 25 sq.mm. PVC Armoured UG Cable	Metre	191.70	
	f	3 ¹ / ₂ core 35 sq.mm. PVC Armoured UG Cable	Metre	225.70	
	g	3 ¹ / ₂ core 50 sq.mm. PVC Armoured UG Cable	Metre	294.00	
	h	3 ¹ / ₂ core 70 sq.mm. PVC Armoured UG Cable	Metre	377.00	
	i	3 ¹ / ₂ core 95 sq.mm. PVC Armoured UG Cable	Metre	488.00	
	j	3 ¹ / ₂ core 120 sq.mm. PVC Armoured UG Cable	Metre	596.00	

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
k	3 ¹ / ₂ core 150 sq.mm. PVC Armoured UG Cable	Metre	706.00
l	3 ¹ / ₂ core 185 sq.mm. PVC Armoured UG Cable	Metre	863.00
m	3 ¹ / ₂ core 240 sq.mm. PVC Armoured UG Cable	Metre	1094.00
n	3 ¹ / ₂ core 300 sq.mm. PVC Armoured UG Cable	Metre	1342.00
o	3 ¹ / ₂ core 400 sq.mm. PVC Armoured UG Cable	Metre	1710.00
p	4 core 6 sq.mm. PVC Armoured UG Cable	Metre	109.80
q	4 core 10 sq.mm. PVC Armoured UG Cable	Metre	120.30
r	4 core 16 sq.mm. PVC Armoured UG Cable	Metre	158.60
2	PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS:694/1990		
a	14 / 0.3 (1.0 sq.mm.)	Metre	8.30
b	22 / 0.3 (1.5 sq.mm.)	Metre	13.10
c	36 / 0.3 (2.5 sq.mm.)	Metre	20.30
d	56 / 0.3 (4 sq.mm.)	Metre	32.20
e	84 / 0.3 (6 sq.mm.)	Metre	47.70
f	140 / 0.3 (10 sq.mm.)	Metre	71.60
g	101 / 0.45 (16 sq.mm.)	Metre	117.00
h	168 / 0.45 (25 sq.mm.)	Metre	257.00
3	CONDUCTOR		
a	Hard Drawn Copper Conductor (Gauge No. 8&6)	KG	483.00
b	14 SWG TC Wiire	KG	495.00
c	GI No.8 Wire and No.6 Wire	KG	79.70
4	CABLE GLANDS		
a	Cable Gland suitable for 2 core 4 sq.mm. UG Cable	Each	17.50
b	Cable Gland suitable for 2 core 6 sq.mm. UG Cable	Each	21.80
c	Cable Gland suitable for 2 core 10 sq.mm. UG Cable	Each	26.00
d	Cable Gland suitable for 2 core 16 sq.mm. UG Cable	Each	38.50
e	Cable Gland suitable for 2 core 25 sq.mm. UG Cable	Each	46.00
f	Cable Gland suitable for 3 ¹ / ₂ core 25 sq.mm. UG Cable	Each	46.00
g	Cable Gland suitable for 3 ¹ / ₂ core 35 sq.mm. UG Cable	Each	58.40
h	Cable Gland suitable for 3 ¹ / ₂ core 50 sq.mm. UG Cable	Each	58.40

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
I	Cable Gland suitable for 3 ¹ / ₂ core 70 sq.mm. UG Cable	Each	72.00
j	Cable Gland suitable for 3 ¹ / ₂ core 95 sq.mm. UG Cable	Each	87.90
k	Cable Gland suitable for 3 ¹ / ₂ core 120 sq.mm. UG Cable	Each	111.90
l	Cable Gland suitable for 3 ¹ / ₂ core 150 sq.mm. UG Cable	Each	147.30
m	Cable Gland suitable for 3 ¹ / ₂ core 185 sq.mm. UG Cable	Each	174.20
n	Cable Gland suitable for 3 ¹ / ₂ core 240 sq.mm. UG Cable	Each	174.20
o	Cable Gland suitable for 3 ¹ / ₂ core 300 sq.mm. UG Cable	Each	208.00
p	Cable Gland suitable for 3 ¹ / ₂ core 400 sq.mm. UG Cable	Each	296.00
q	Cable Gland suitable for 3 ¹ / ₂ core 500 sq.mm. UG Cable	Each	345.00
r	Cable Gland suitable for 4 core 6 sq.mm. UG Cable	Each	21.80
s	Cable Gland suitable for 4 core 10 sq.mm. UG Cable	Each	26.00
t	Cable Gland suitable for 4 core 25 sq.mm. UG Cable	Each	46.00
5	FUSE WIRE (COPPER)		
a	5 Amps Fuse Wire	KG	483.00
b	10 Amps Fuse Wire	KG	483.00
c	20 Amps Fuse Wire	KG	483.00
6	NEUTRAL LINK 15 AMPS		
a	4 Way Neutral Link	Each	24.00
b	6 Way Neutral Link	Each	35.50
c	8 Way Neutral Link	Each	44.30
d	12 Way Neutral Link	Each	64.30
VI	PART "F"		
1	MS BOX WITH PAINTING (16 SWG)		
a	MS Box of size 100 x 100 x 75 mm	Each	38.70
b	MS Box of size 150 x 100 x 75 mm	Each	53.50
c	MS Box of size 200 x 150 x 75 mm	Each	87.00
d	MS Box complete with Lock & Key arrangements with painting of size 300 x 200 x 100mm	Each	263.00
VII	PART "G"		
1	MS ANGLES		
a	1 ¹ / ₂ "x1 ¹ / ₂ "x ¹ / ₄ " (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	43.90

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
b	1 ¹ / ₂ " x 1 ¹ / ₂ " x 1 ¹ / ₂ " (37.5 x 37.5 x 12.5mm)	KG	43.90
c	2" x 2" x 1 ¹ / ₂ " (50 x 50 x 12.5mm)	KG	43.90
2	ALUMINIUM FLAT		
a	Aluminium Flat (1" x 1 ¹ / ₄ ") (25 x 6.25mm)	KG	152.80
b	Aluminium Flat (1" x 1 ¹ / ₈ ")	KG	152.80
3	COPPER FLAT		
a	Copper Flat (25 x 3mm)	KG	443.00
b	Copper Flat (25 x 6mm)	KG	443.00
c	Copper Flat (33 x 6mm)	KG	443.00
d	Copper Flat (50 x 6mm)	KG	443.00
4	POWER CAPACITOR		
a	Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415 / 440V 50 HZ conforming to ISS:2384 with ISI marking	KVAR	301.00
VIII	PART "H"		
1	CONDUIT MATERIALS 16 GAUGE		
a	Conduit Pipe 16mm (5/8") Heavy Gauge	Metre	26.30
b	Conduit Pipe 19mm (3/4") Heavy Gauge	Metre	27.20
c	Conduit Pipe 25mm (1") Heavy Gauge	Metre	33.40
d	Conduit Pipe 32mm (1 ¹ / ₄ ") Heavy Gauge	Metre	43.90
e	Conduit Pipe 38mm (1 ¹ / ₂ ") Heavy Gauge	Metre	51.70
2	CONDUIT TEE BENDS		
a	Conduit Tee Bend 16mm (5/8")	Dozen	73.70
b	Conduit Tee Bend 19mm (3/4")	Dozen	74.40
c	Conduit Tee Bend 25mm (1")	Dozen	89.30
d	Conduit Tee Bend 32mm (1 ¹ / ₄ ")	Dozen	92.50
e	Conduit Tee Bend 38mm (1 ¹ / ₂ ")	Dozen	115.20
f	Conduit Tee Bend 50mm (2")	Dozen	144.00
3	CONDUIT BENDS - 16 GAUGE		
a	Conduit Solid Bend 16mm (5/8")	Dozen	69.70
b	Conduit Solid Bend 19mm (3/4")	Dozen	77.60

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
c	Conduit Solid Bend 25mm (1")	Dozen	91.70
d	Conduit Solid Bend 32mm (1 ¹ / ₄ ")	Dozen	108.20
e	Conduit Solid Bend 38mm (1 ¹ / ₂ ")	Dozen	153.60
f	Conduit Solid Bend 50mm (2")	Dozen	188.00
4	CONDUIT INSPECTION BEND-16 GAUGE		
a	Conduit Inspection Bend 16mm (5/8")	Dozen	69.70
b	Conduit Inspection Bend 19mm (3/4")	Dozen	72.10
c	Conduit Inspection Bend 25mm (1")	Dozen	92.50
d	Conduit Inspection Bend 32mm (1 ¹ / ₄ ")	Dozen	111.30
e	Conduit Inspection Bend 38mm (1 ¹ / ₂ ")	Dozen	144.20
f	Conduit Inspection Bend 50mm (2")	Dozen	163.80
g	Conduit Inspection Bend 65mm (2 ¹ / ₂ ")	Dozen	210.90
IX	PART "I"		
1	PVC (RIGID) PIPES (1.8MM THICK) WITH ISI		
a	PVC Rigid Pipe 16mm (5/8")	Metre	11.20
b	PVC Rigid Pipe 20mm (3/4")	Metre	16.30
c	PVC Rigid Pipe 25mm (1")	Metre	24.20
d	PVC Rigid Pipe 32mm (1 ¹ / ₄ ")	Metre	36.60
e	PVC Rigid Pipe 40mm (1 ¹ / ₂ ")	Metre	52.30
f	PVC Rigid Pipe 50mm (2")	Metre	78.30
2	PVC RIGID BENDS		
a	PVC Rigid Bend 16mm (5/8")	Each	2.60
b	PVC Rigid Bend 20mm (3/4")	Each	2.60
c	PVC Rigid Bend 25mm (1")	Each	3.55
d	PVC Rigid Bend 32mm (1 ¹ / ₄ ")	Each	6.35
e	PVC Rigid Bend 40mm (1 ¹ / ₂ ")	Each	15.80
f	PVC Rigid Bend 50mm (2")	Each	19.20
3	PVC COUPLES		
a	PVC Couples 16mm (5/8")	Dozen	11.25
b	PVC Couples 19mm (3/4")	Dozen	11.25

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
c	PVC Couples 25mm (1")	Dozen	21.95
d	PVC Couples 32mm (1 ¹ / ₄ ")	Dozen	50.10
e	PVC Couples 38mm (1 ¹ / ₂ ")	Dozen	107.40
f	PVC Couples 50mm (2")	Dozen	112.10
4	PVC TEES		
a	PVC Tee 16mm (5/8")	Dozen	11.25
b	PVC Tee 19mm (3/4")	Dozen	13.05
c	PVC Tee 25mm (1")	Dozen	16.70
d	PVC Tee 32mm (1 ¹ / ₄ ")	Dozen	74.80
e	PVC Tee 38mm (1 ¹ / ₂ ")	Dozen	240.00
f	PVC Tee 50mm (2")	Dozen	263.00
5	PVC SADDLES		
a	PVC Saddles 16mm (5/8")	Dozen	2.60
b	PVC Saddles 19mm (3/4")	Dozen	3.00
c	PVC Saddles 25mm (1")	Dozen	3.45
d	PVC Saddles 32mm (1 ¹ / ₄ ")	Dozen	4.35
e	PVC Saddles 38mm (1 ¹ / ₂ ")	Dozen	5.25
f	PVC Saddles 50mm (2")	Dozen	10.50
6	PVC JUNCTION BOXES		
a	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	35.10
b	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	35.10
c	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	41.30
d	Junction Boxes 1, 2, 3 & 4 way 32mm (1 ¹ / ₄ ")	Dozen	91.70
e	Junction Boxes 1, 2, 3 & 4 way 38mm (1 ¹ / ₂ ")	Dozen	108.90
7	PVC HYLEM SHEETS		
a	Hylem Sheet 3mm Thick	Sq.m	537.00
8	INSULATION TAPE PVC		
a	PVC Insulation Tape (19mm)	Roll / 10 mtr.	13.05
b	Empire Tape (12mm)	Roll / 10 mtr.	17.55

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	c	Empire Tape (19mm)	Roll / 10 mtr.	21.05	
X		PART "J"			
		TEAK WOOD MATERIALS			
1		TW BOX CONCEALED TYPE			
	a	TW Box Concealed Type 12" x 8" x 3"	Each	66.00	
	b	TW Box Concealed Type 8" x 6" x 3"	Each	35.10	
	c	TW Box Concealed Type 6" x 4" x 3"	Each	15.70	
	d	TW Box Concealed Type 4" x 4" x 3"	Each	13.05	
	e	TW Plugs 1½" x 1" x 2"	1000 Nos.	272.00	
	f	TW Round blocks	100 Nos.	527.00	
XI		PART "K"			
1		CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES			
		Size		Aluminium	Copper
	a	4.0 sq.mm.	Each	1.25	3.75
	b	6.0 sq.mm.	Each	1.40	3.75
	c	10.0 sq.mm.	Each	1.80	4.75
	d	16.0 sq.mm.	Each	1.80	5.70
	e	25.0 sq.mm.	Each	2.75	9.55
	f	35.0 sq.mm.	Each	3.65	10.50
	g	50.0 sq.mm.	Each	5.45	12.40
	h	70.0 sq.mm.	Each	7.30	20.10
	i	95.0 sq.mm.	Each	8.30	24.90
	j	120.0 sq.mm.	Each	11.05	34.40
	k	150.0 sq.mm.	Each	14.70	44.00
	l	185.0 sq.mm.	Each	19.30	67.00
	m	225.0 sq.mm.	Each	28.60	95.60
	n	240.0 sq.mm.	Each	31.30	95.60
	o	300.0 sq.mm.	Each	43.30	129.00
	p	400.0 sq.mm.	Each	64.60	196.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
2	CABLE ROUTE INDICATOR		
a	Cable Route Indicator for LT Cable	Each Box	63.90
b	Cable Route Indicator for HT Cable	Each Box	63.90
XII	PART "L"		
1	BRASS SCREWS		
a	Brass Screws (20mm) 3/4" No.6	Gross	57.10
b	Brass Screws (25mm) 1" No.6	Gross	61.50
c	Brass Screws (40mm) 1 1/2" No.6	Gross	65.90
d	Brass Screws (20mm) 3/4" No.8	Gross	57.10
e	Brass Screws (25mm) 1" No.8	Gross	61.50
f	Brass Screws (50mm) 2" No.10	Gross	127.00
g	Brass Screws (75mm) 3" No.10	Gross	188.00
2	Coach Screws 2" x 1/4" (50 x 6.25mm)	Dozen	11.35
3	CONDUIT SADDLES		
a	Conduit Saddles 16mm (5/8")	Gross	35.10
b	Conduit Saddles 19mm (3/4")	Gross	37.40
c	Conduit Saddles 25mm (1")	Gross	43.90
d	Conduit Saddles 32mm (1 1/4")	Gross	57.10
e	Conduit Saddles 38mm (1 1/2")	Gross	70.00
f	Conduit Saddles 50mm (2")	Gross	79.00
g	Conduit Saddles 65mm (2 1/2")	Gross	90.00
4	SODIUM VAPOUR FITTINGS & LAMP (FOR EXTERNAL ELECTRIFICATION AND CAMPUS LIGHTING)		
a	250 Watts Sodium Vapour Fittings	Each	2890.00
b	250 Watts Sodium Vapour Lamp	Each	639.00
c	150 Watts Sodium Vapour Fittings	Each	2850.00
d	150 Watts Sodium Vapour Lamp	Each	548.00
e	70 Watts Sodium Vapour Fittings	Each	2300.00
f	70 Watts Sodium Vapour Lamp	Each	365.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	5	SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (PHILIPS / CROMPTON GREAVES / WIPRO / BAJAJ / EQUIVALENT)			
	a	400 Watts Sodium Vapour Fittings	Each	8640.00	
	b	400 Watts Sodium Vapour Lamp	Each	896.00	
	c	250 Watts Sodium Vapour Fittings	Each	5900.00	
	d	250 Watts Sodium Vapour Lamp	Each	725.00	
	e	150 Watts Sodium Vapour Fittings	Each	5540.00	
	f	150 Watts Sodium Vapour Lamp	Each	595.00	
	g	70 Watts Sodium Vapour Fittings	Each	2370.00	
	h	70 Watts Sodium Vapour Lamp	Each	410.00	
	6	MINIATURE CIRCUIT BREAKERS 240 V / 415V 50HZ - AC SUPPLY SUITABLE FOR BOTH LIGHTING AND MOTOR CIRCUITS		Legrand/ Hager / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
	a	Single Pole 6A to 32A, 10KA	Each	167.00	122.00
	b	Single Pole 40A, 10KA	Each	342.00	255.00
	c	Single Pole & Neutral 6A to 32A, 10KA	Each	488.00	370.00
	d	Single Pole & Neutral 40A, 10KA	Each	792.00	512.00
	e	Double Pole 6A to 32A, 10KA	Each	488.00	406.00
	f	Double Pole 40A, 10KA	Each	792.00	556.00
	g	Triple Pole 6A to 32A,10KA	Each	785.00	613.00
	h	Triple Pole 63A,10KA	Each	1195.00	975.00
	I	Triple Pole & Neutral 6A to 32A,10KA	Each	1035.00	798.00
	j	Triple Pole & Neutral 63A, 10KA	Each	1545.00	1230.00
	k	Four Pole 6 A to 32A, 10KA	Each	1035.00	855.00
	l	Four Pole 63A, 10KA	Each	1545.00	1310.00
	7	PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT MCBs		Legrand (MDS) / Hager (L&T) / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
	a	10A Single Pole	Each	809.00	480.00
	b	20A Single Pole	Each	864.00	485.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	c	20A Double Pole	Each	935.00	--
	d	20A Triple Pole	Each	1585.00	920.00
	e	32A Triple Pole	Each	1890.00	1245.00
	f	63A Triple Pole	Each	7700.00	--
		New Item			
	8	Sheet Steel Enclosure for MCB's		Legrand/ Equivalent	Havells/ Equivalent
	a	2 Pole	Each	359.00	250.00
	b	4 pole	Each	525.00	305.00
	9	RCCB / ELCB			
	a	10 Amps 30 MA DP	Each	2280.00	1675.00
	b	25 Amps 30 MA DP	Each	1880.00	1440.00
	c	40 Amps 30 MA DP	Each	2080.00	1520.00
	10	RCCB / ELCB (FOUR POLE)			
	a	25 Amps 30 MA	Each	2590.00	1775.00
	b	40 Amps 30 MA	Each	2620.00	1815.00
	c	63 Amps 30 MA	Each	3030.00	2060.00
	11	HRC - FUSES			
	a	16 Amps	Each	58.40	28.60
	b	32 Amps	Each	60.60	47.90
	c	63 Amps	Each	125.00	60.20
	d	125 Amps	Each	292.00	133.50
	e	160 Amps	Each	365.00	180.00
	f	200 Amps	Each	376.00	180.00
	g	250 Amps	Each	522.00	266.00
	12	MCB ISOLATORS		Legrand (MDS) / Hager (L&T) / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
	a	32A - DP	Each	257.00	--
	b	32A - TP	Each	429.00	--

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	c	32A - FP	Each	490.00	--
	d	40A - DP	Each	355.00	246.00
	e	40A - TP	Each	614.00	451.00
	f	40A - FP	Each	789.00	551.00
	g	63A - DP	Each	476.00	312.00
	h	63A - TP	Each	714.00	491.00
	i	63A - FP	Each	864.00	575.00
	j	100A - DP	Each	--	403.00
	k	100A - TP	Each	570.00	640.00
	l	100A - FP	Each	910.00	700.00
	13	HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB 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) / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
	1	TPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2160.00	1710.00
	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	2660.00	2160.00
	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	3190.00	2650.00
	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	4710.00	3600.00
	2	TPMCB DB with Acrylic Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2510.00	--

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	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	3080.00	--
	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	3680.00	--
	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	5610.00	--
	3	Industrial Type TPMCB DB with IP54 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6090.00	--
	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	7330.00	--
	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	8020.00	--
	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	11080.00	--
	14	VERTICAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 8 way / 12 way vertical TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB 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) / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
	1	TPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	5160.00	4240.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	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	6540.00	5220.00
	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	8720.00	6420.00
	2	TPMCB DB with Acrylic Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6230.00	--
	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	7930.00	--
	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	10550.00	--
	3	New Item			
	a	6 Way Vertical TPN Distributions boards; IP43 with double door (Metal); with 12 module incomers and 18 Single Phase/Three Phase/ MCB's outgoing; as per IS 8623 III	Each	9563.00	--
	4	Industrial Type TPMCB DB with IP54 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	9640.00	--
	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	11640.00	--
	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	15600.00	--

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
15	7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD (totally 8 ways in one segment) (3 x 4 ways in each segment) and separate provisions for MCB / Isolator (totally 12 Nos.) for sub incomers in 3 segments with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T) / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
1	TPMCB DB with Metal / Acrylic Door Cover with IP 42 Protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 12	Each	5070.00	--
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	5730.00	--
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	6390.00	--
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	8140.00	--
	New Item			
16	Vertical TPN Distribution Boards (with MCCB Incomer); Double Door; IP43, as per IS 8623 III; Impact resistance IK09; Frame MCCB Incomer & Single Phase/Three Phase MCCBs as Outgoing (for power loads exceeding 100A)		Hager / Equivalent (Incomer 160A MCCB)	Hager / Equivalent (Incomer 250A MCCB)
a	4 Way, MCCB + 12 Modules	Each	8638.00	15999.00
b	6 Way, MCCB + 18 Modules	Each	9985.00	17441.00
c	8 Way, MCCB + 24 Modules	Each	10877.00	18663.00
d	12 Way, MCCB + 36 Modules	Each	14485.00	19724.00
e	16 Way, MCCB + 48 Modules	Each	17116.00	22207.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	17	SINGLE PHASE DISTRIBUTION BOARD WITH MCBs 4 way / 8 way / 12 way vertical SPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single phase MCB outgoing and separate 2 way provision for accommodating One No. 2 pole incoming MCB / Isolator and another separate 2 way provision for accommodating One No. 2 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T) / Equivalent	All other makes with ISI (Std.) / HPL / Havells / Equivalent)
	1	SPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	851.00	556.00
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	1063.00	760.00
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	1279.00	978.00
	2	SPMCB DB with Acrylic Door Cover with IP 42 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	1002.00	--
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	1182.00	--
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	1434.00	--
	3	Industrial Type SPMCB DB with IP 54 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	2559.00	--
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	2999.00	--

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	3456.00	--
XIII		PART "M"			
		New Items			
	1	TRANSFORMERS		Kirloskar / CREL / Rowsons / (OEM)	
	a	250 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	805000.00	
	b	500 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1105000.00	
	c	630 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1415000.00	
	d	1000 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1805000.00	
	e	250 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	905000.00	
	f	500 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1205000.00	
	g	630 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1515000.00	
	h	1000 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1905000.00	
	2	11 KV INDOOR VACCUM CIRCUIT BREAKER		Megawin/Pentagon/(OEM)	
	a	11 KV, 25 KA, 630 A, HT Indoor Single Panel Vaccum Circuit Breaker (1 I/C + 2 O/G) complete as per specification	Each	391000.00	
	b	11 KV, 25 KA, 630 A, HT Indoor Three Panel Vaccum Circuit Breaker (1 I/C + 2 O/G) complete as per specification	Each	995000.00	
	c	11 KV, 25 KA, 630 A, HT Indoor Four Panel Vaccum Circuit Breaker (1 I/C + 2 O/G) complete as per specification	Each	1411000.00	
	d	11 KV, 25 KA, 630 A, HT Indoor Five Panel Vaccum Circuit Breaker (1 I/C + 2 O/G) complete as per specification	Each	1692000.00	
	3	11 KV OUTDOOR VACCUM CIRCUIT BREAKER		Megawin/Pentagon/(OEM)	
	a	11 KV, 25 KA, 630 A, HT Outdoor Single Panel Vaccum Circuit Breaker (1 I/C + 2O/G) complete as per specification	Each	408000.00	

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
b	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Vacuum Circuit Breaker (1 I/C + 2O/G) complete as per specification	Each	1020000.00
c	11 KV, 25 KA, 630 A, HT Outdoor Four Panel Vacuum Circuit Breaker (1 I/C + 2O/G) complete as per specification	Each	1428000.00
d	11 KV, 25 KA, 630 A, HT Outdoor Five Panel Vacuum Circuit Breaker (1 I/C + 2O/G) complete as per specification	Each	1709000.00
4	11 KV INDOOR RING MAIN GEAR (RMG)		Megawin / Voltech / (OEM)
a	11 KV, 25 KA, 630 A, HT Indoor Three Panel Ring Main Gear complete as per specification	Each	569000.00
5	11 KV OUTDOOR RING MAIN GEAR (RMG)		Megawin / Voltech / (OEM)
a	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Ring Main Gear complete as per specification	Each	595000.00
6	HT CABLES		Polycab / Equivalent
a	240 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 2402797	Mtr	1650.00
b	300 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 3002797	Mtr	1920.00
c	300 sq.mm. 3 core HT XLPE 11KV (UE) SISMV11U3 x 3002424	Mtr	2250.00
7	CABLES, ACCESSORIES AND KITS		Raychem RPG / Equivalent
a	120-185 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3111	Each	9240.00
b	240-300 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3121	Each	9860.00
c	120-185 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3362	Each	12770.00
d	240-300 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3372	Each	14360.00
e	240-400 sq.mm. 3 core HT Cable Indoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4685	Each	13020.00
f	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4961	Each	17280.00
g	150-185 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables - EPKT 5363	Each	18310.00

Item No.	Details		Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)	
	h	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables-EPKT 5373	Each	24350.00	
	i	185-240 sq.mm 3 core HT Cables Straight Through Joints 22KV (E) Screened XLPE Cables-EPKJ 5118	Each	48000.00	
	j	300-400 sq.mm. 3 core HT Cable Straight Thorough Joints 22KV (E) Screened XLPE Cables - EPKJ 5119	Each	53500.00	
XIV	PART "N"				
	1	SUPPLY & INSTALLATION OF AIR-CONDITIONER WITH COPPER COIL		3 Star Rated (Carrier / Voltas / Blue Star / Equivalent)	5 Star Rated Inverter (Carrier / Voltas / O General/ Equivalent)
	a	1.5 TR Split Type AC Unit	Each	30000.00	40000.00
	b	2.0 TR Split Type AC Unit	Each	40000.00	51000.00
		New Items			
	c	Supply and installation of 4 KVA capacity Automatic Voltage Stabilizer with time delay relay (V-Gurad / Equivalent)	Each	4020.00	
	d	Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay (V-Gurad / Equivalent)	Each	4465.00	
	e	Supply and laying of 5/8" and 3/8" copper pipe (Extra beyond 3 metres supplied with AC unit)	Each	850.00	
	f	Supply and fixing of MS stand for fixing outdoor unit	Each	985.00	
	2	SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND HANDING OVER OF AIR-COOLED SELF CONTAINED DUCTABLE AC UNITS		ETA (OEM)	
	a	3.0 TR Ceiling Suspended Ductable Unit	Each	88700.00	
	b	5.0 TR Ceiling Suspended Ductable Unit	Each	153000.00	
	c	8.5 TR Ceiling Suspended Ductable Unit	Each	208900.00	
	d	11 TR Ceiling Suspended Ductable Unit	Each	269500.00	
		New Item			
	e	17 TR Ceiling Suspended Ductable Unit	Each	390000.00	
	f	5.5 TR Floor Mounted Ductable Unit	Each	324000.00	
	g	8.5 TR Floor Mounted Ductable Unit	Each	334000.00	
	h	11 TR Floor Mounted Ductable Unit	Each	368000.00	
	i	17 TR Floor Mounted Ductable Unit	Each	524000.00	

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
	New Item		
j	25 TR Floor Mounted Ductable Unit	Each	630960.00
	New Items		
3	ACCESSORIES FOR PACKAGE AC		
a	Supply and filling of R-22 Refrigerant Gas	KG	518.00
b	Supply and fixing of Copper Refrigerant Piping of 7/8" dia	RM	938.00
c	Supply and fixing of Flexible Canvas Connection	Each	2500.00
d	Supply and fixing of 50mm thick Anti Vibrating Rubber Pads	RM	491.00
e	Supply, Fabrication and erection of fabricated ducting made up of GI Sheets of 24 Gauge thickness	RM	768.00
f	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 22 Gauge thickness	Sqm.	1027.00
g	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 20 Gauge thickness	Sqm.	1276.00
h	Supply and fixing of extruded aluminum powder coated, Supply and return Air Grilles / Diffusers with Volume Control Damper	Sqm.	7143.00
i	Supply and fixing of water drain pipe line (1" PVC Pipe)	Sqm.	58.00
j	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Indoor Unit	Each	6607.00
k	Supply, fabrication and fixing of Ms Channel for Mounting the Airconditioning Outdoor Unit	RM	5625.00
l	Supply and providing of pipeline nitrle rubber insulation for Refrigerant and drain pipe lines.	Each	50.00
m	Supply and fixing of Duct Mouth Dampers	Set	2142.00
n	Supply and providing acoustic for initial portion of ducting with 12mm thick Fibre Glass Rigid Board covered with Tissue Paper and Aluminum Perforated Sheet	Sqm.	761.00
o	Supply and providing thermal insulation of 9mm thick vidoflex with Aluminum Foil	Sqm.	741.00
p	Supply and providing Civil Concrete Block for Mounting the Airconditioning Unit	Each	637.00
q	Supply and laying of 30 sq.mm. incoming cable	RM	346.00
r	Supply and providing of 10 sq.mm. copper flexible single cable	RM	80.00
s	Supply and providing of 1.5 sq.mm. copper flexible cable	RM	18.00
t	Supply and providing of 0.5 sq.mm. 4 core flexible signal cable	RM	15.00

Item No.		Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
	4	GENERATORS WITH STANDARD PANEL		Kirloskar / Ashok Leyland / Equivalent
	a	5 KVA	Each	183000.00
	b	7.5 KVA	Each	191000.00
	c	10 KVA	Each	216000.00
	d	15 KVA	Each	232000.00
	e	20 KVA	Each	244000.00
	f	30 KVA	Each	297000.00
	g	35 KVA	Each	317000.00
	h	40 KVA	Each	370000.00
	i	45 KVA	Each	432000.00
	j	62.5 KVA	Each	497000.00
	k	82.5 KVA	Each	586000.00
	l	100 KVA	Each	652000.00
	m	125 KVA	Each	749000.00
	n	160 KVA	Each	1018000.00
	o	200 KVA	Each	1243000.00
	p	250 KVA	Each	1400000.00
		New Item		
	5	GENERATORS WITH AUTO MAIN FAILURE (AMF) PANEL		Kirloskar / Ashok Leyland / Equivalent
	a	62.5 KVA	Each	597000.00
	b	82.5 KVA	Each	686000.00
	c	100 KVA	Each	852000.00
	d	125 KVA	Each	949000.00
	e	160 KVA	Each	1218000.00
	f	200 KVA	Each	1443000.00
	g	250 KVA	Each	1600000.00
	6	Exhaust Pipe with Silencer	RM	2000.00

Item No.	Details		Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
7	PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD			Johnson / Kone / OTIS / Equivalent
A	8 Persons Passenger Lift Car Size (1300 x 1100)			
a	Gearless Lift with Machine Room		Each	1378000.00
b	Gearless Lift without Machine Room		Each	1444000.00
B	10 Persons Passenger Lift Car Size (1300 x 1350)			Johnson / Kone / OTIS / Equivalent
a	Gearless Lift with Machine Room		Each	1441000.00
b	Gearless Lift without Machine Room		Each	1510000.00
C	13 Persons Passenger Lift Car Size (2000 x 1100)			Johnson / Kone / OTIS / Equivalent
a	Gearless Lift with Machine Room		Each	1603000.00
b	Gearless Lift without Machine Room		Each	1677000.00
D	20 Persons Passenger Lift Car Size (2000 x 1500)			Johnson / Kone / OTIS / Equivalent
a	Gearless Lift with Machine Room		Each	1993000.00
b	Gearless Lift without Machine Room		Each	2118000.00
	Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift			--
8	BED-CUM-PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD			
A	15 Persons Passenger Lift Car Size (1000 x 2400)			Kone / Equivalent
a	Gearless Lift with Machine Room		Each	1750000.00
b	Gearless Lift without Machine Room		Each	1860000.00
B	20 Persons Passenger Lift Car Size (1300 x 2400)			
a	Gearless Lift with Machine Room		Each	2090000.00
b	Gearless Lift without Machine Room		Each	2177000.00
C	26 Persons Passenger Lift Car Size (1600 x 2400)			
a	Gearless Lift with Machine Room		Each	2375000.00
b	Gearless Lift without Machine Room		Each	2560000.00

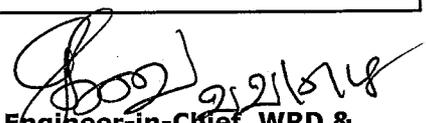
Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
	Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift		--
XV	PART "O"		
1	GI STEEL TUBULAR POLE FOR STREET LIGHT		Kumaran Pole / Oriental Pole / Equivalent
a	4 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	6185.00
b	4 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	7040.00
c	6 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	7395.00
d	6 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	8250.00
e	7 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	9480.00
f	7 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	10430.00
g	7.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	10590.00
h	7.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	11700.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
i	8 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	10900.00
j	8 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	12010.00
k	8.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11620.00
l	8.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	13040.00
m	9 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	11620.00
n	9 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	13040.00
o	10 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	15390.00
p	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	15810.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
q	12 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	18140.00
r	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	20100.00
2	LIGHTNING ROD		Jef Flash / Nimbus / Equivalent
a	Supply of Early Streamer Emission Air Terminal (ESEAT). Model: L The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (ΔT_s) obtained during the lab test for the offered model is 60 μs . The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011). ESEAT Model : L - Radius of protection : 86 Metres Level of protection considered for the Project-II level	Each	70500.00
b	Supply of Early Streamer Emission Air Terminal (ESEAT). Model: S The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (ΔT_s) obtained during the lab test for the offered model is 60 μs . The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011). ESEAT Model : S - Radius of protection : 46 Metres Level of protection considered for the Project-II level	Each	62700.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
c	MOUNTING STRUCTURE		
	Supply of Standard / Special Mounting Structure of height 4.5 mts. pipe, and 300 x 300 x 8mm MS plate, 3 mts. 48mm OD class C GI outer pipe, 1.8 mtr, 38mm OD inner pipe, for roof mounting on concrete base and with FRP adapter	Each	18800.00
d	DOWN CONDUCTOR		
	Supply and run of 25mm x 6mm GI Flat Down Conductor with necessary clamps / supports on wall / floor / ground for earth connection	Mtr	109.00
e	TEST LINK		
	Supply of Test Link Box for each Down conductor in order to disconnect the earth termination system to enable measurement of resistance	Each	4625.00
f	EARTH ELECTRODE		
	Supply and installation maintenance free GI Earthing System comprising of 50mm dia and 2 mtr. long earth electrode of low carbon steel rod with 100 micron bonding and 25 kgs. of carbon based environment friendly backfill compound and suitable clamp	Each	8540.00
g	SURDGE PROTECTION		
	Supply and installation Cabinet Type Class 1 and 2 Combined Model SPD to arrest surges and overvoltages in the power line due to lightning switching action etc. they must be installed in the incoming MCC panel / DB of the respective building in parallel to the power circuit. Model: PSV4-12.5/400TT (3 phase power network)	Each	17950.00
	New Items		
XVI	PART "P"		
	Conference type Public Address System, Projector and Motorized Screen		BOSCH
1	Chairman Unit	Each	14410.00
2	Delegate Unit	Each	12776.00
3	Conference Controller	Set	31955.00
4	PA Mixer Amplifier 120W	Set	19241.00
5	PA Mixer Amplifier 240W	Set	24688.00
6	PA Booster Amplifier 480W	Set	42634.00
7	Wall Speaker 15W	Each	8286.00
8	Wall Speaker 30W	Each	12045.00

Item No.	Details	Per	Basic Rate approved for the year 2018-19 (w.e.f. 01.06.2018)
9	Ceiling Speaker 15W	Each	2098.00
10	Ceiling Speaker 20W	Each	3241.00
			AKG
11	Cordless Mic UHF	Each	19285.00
			Orbit / Equivalent
12	8 Pin Conference Mic Socket with Modular Box and Front Plate	Each	316.00
13	2 Core 1.5 sq.mm Shielded Copper Speaker Wire	RM	39.10
14	8 Core 1.5 sq.mm PVC Copper Conference Ccable	RM	150.00
			SONY
15	3200 Ansi Lumens Projector, XGA (1024X 768) Resolution, Contrast Ratio: 4000:1	Each	37411.00
16	3600 Ansi Lumens Projector, XGA (1024X 768) Resolution, Contrast Ratio: 20000:1	Each	53214.00
17	3300 Ansi Lumens Short Throw Projector, WXGA (1280 X 800) Resolution, Contrast Ratio: 3000:1	Each	93750.00
			Liberty
18	6' x 4' Motorized Screen	Each	11550.00
19	8' x 6' Motorized Screen	Each	15500.00
20	10' x 8' Motorized Screen	Each	18600.00
21	3 Feet Ceiling Mount Kit	Each	4100.00
22	20 Metre HDMI Cable	Set	4062.00
			Orbit / Equivalent
23	3 Core 1.5 sq.mm. PVC Power Cable for Projector	RM	55.40
Note:	The Basic Rate adopted under this Head, "Annexure-VII - Rates of Electrical Items of Works" is exclusive of all taxes and GST.		


 25/2/18
 Engineer-in-Chief, WRD &
 Chief Engineer (General), PWD,
 Chennai-5


 22/5/18