

**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

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

2009-2010

(With effect from 1.4.2009)

PUBLIC WORKS DEPARTMENT

From

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

To

All the Superintending Engineers,
Building Organisation,
Public Works Department.

Letter No. HDO (A) / 5502 / 2009, dated 25.05.2009

Sir,

Sub: Public Works Department - Schedule of Rates for the year 2009-2010 - Approved for adoption in the estimates with effect from 01.04.2009 - Communicated - Regarding.

Ref: 1. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / 25440 / 2009, dated 21.05.2009.
2. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / 31257 / 2009-1, dated 21.05.2009.
3. Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5, Proceedings No. HDO / 31257 / 2009-2, dated 21.05.2009.

■ ■ ■

The Schedule of Rates for the year 2009-2010, cost of cement and cost of steel approved by the Schedule of Rates Committee for adoption in the estimates with effect from 01.04.2009 are herewith communicated to all Superintending Engineers of Building Organisation for adoption in the estimates to be prepared on (or) after 01.04.2009.

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

The receipt of schedule of rates, 2009-2010 together with proceedings cited may be acknowledged.

Encl.:

1. Schedule of Rates for the year 2009-2010
2. Copy of EIC, WRO & CE (GL), PWD., Chennai-5
 - a. Proc. No. HDO / 25440 / 2009, dated 21.05.2009
 - b. Proc. No. HDO / 31257 / 2009-1, dated 21.05.2009
 - c. Proc. No. HDO / 31257 / 2009-2, dated 21.05.2009

சீ. ஏ. சி. ஜெயராமன்
for Chief Engineer (Buildings)
25.05.2009

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

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

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

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

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

Copy to Special Grade Draughting Officers, Senior Draughting Officers, Draughting Officers and Junior Draughting Officers of HDO Section (with enclosures) for information and necessary action.



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES DEPARTMENT**

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

Present:

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

Proceedings No. HDO / 25440 / 09 Dated 21.05.2009

Sub: Public Works Department –Schedule of Rates for the year
2009-2010 – approved for adoption with effect from 01.04.2009 –
Communicated – Regarding.

Ref: This office proceedings No. HDO / 25440 / 2008-09 Dt 26.03.08

The Schedule of Rates approved by the “Committee constituted for the finalisation of Schedule of Rates for the year 2008 - 2009” for adoption with effect from 01.04.2008 has been communicated in this office proceedings cited for adoption in the preparation of estimates in Public Works Department.

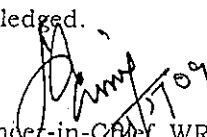
2. The Schedule of Rates for the year 2009-2010 approved by the “Committee constituted for the finalisation of Schedule of Rates” is herewith communicated to the Superintending Engineers of Water Resources Department Circles in the shape of booklet for adoption with effect from 01.04.2009 (containing the General Note and Annexure – I to V in 33 Pages).

3. The Superintending Engineers of Water Resources Department Circles are requested to prepare required number of Schedule of Rates for the year 2009-2010 in the shape of booklet pertaining to the districts under their jurisdiction and arrange to supply the same to all officers of WRD and Building Organisation PWD upto the level of section officers for adoption in preparation of estimates and the respective District Collectors.

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

4. The receipt of this proceeding shall be acknowledged.

Encl: 1 booklet


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

To

1. All the Chief Engineers of WRD, PWD.
2. The Chief Engineer (Buildings) PWD, Chennai.5.
3. The Chief Engineer, WRD, PWD, D R & C S, Chennai.5
4. The Chief Engineer (General) Highways Department, Chennai.5.
5. The Superintending Engineers of WRD Circles (as per list) for necessary action.

Copy to the Special Secretary to Government, Finance Department, Chennai.9

Copy to the Deputy Secretary to Government, Finance Department, Chennai.9

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

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

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

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

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

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

Copy to the Head Draughting Officer, office of the Engineer-in-Chief WRD and Chief Engineer (General) PWD, Chennai.5.

Copy to the Head Draughting Officer I & II, O/o the Chief Engineer (Buildings), PWD, Chennai.5.

Copy to the Special Grade DO, Sr DO, DO and JDOs in HDO section, office of the Engineer-in-Chief WRD and Chief Engineer (General) PWD, Chennai.5.

Copy to Stock file.

Spare copies - 5 Nos.



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES DEPARTMENT**

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

Present:

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

Proceedings No. HDO / 31257/ 2009-1 Dated 21.05.2009

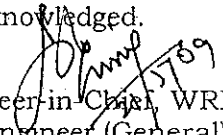
Sub: Cement - Rate for cement for adoption in estimates -
Approved - Communicated.

Ref: This office proceedings No. HDO / 31257 / 2008 dt. 26.03.08

The cost of Ordinary Portland Cement (OPC) fixed and communicated already in this office proceedings cited is **Rs.4,400/- (Rupees Four Thousand Four Hundred only) per 1.M.T.** for adoption in the estimates. It is hereby informed that the above rate may be continued for adoption in the estimates till further orders.

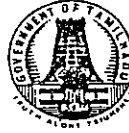
2. The above rate is inclusive of all taxes, freight charges upto dealer's godown, loading and unloading charges. Necessary lead charges (i.e. excluding loading and unloading charges) as applicable as per conveyance table may be allowed from the dealer's godown to the site of work, if duly certified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

3. The receipt of this proceeding shall be acknowledged.


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

To

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



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES DEPARTMENT**

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

Present:

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

Proceedings No. HDO / 31257/ 2009-2 Dated 21.05.2009

Sub: Steel - Revised rate for steel for adoption in estimates
with effect from 01.04.2009 - Approved - Communicated.
Ref: This office proceeding No. HDO / 31257/ 2008-1 Dated
26.3.2008

The cost of steel fixed and communicated already in this office
proceedings cited is hereby revised and fixed as below for adoption in the
estimates **with effect from 01.04.2009.**

a Steel Rods of all sizes

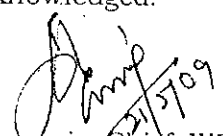
Rs. 32000/- per M.T

**(Rupees thirty two thousand
only)**

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

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

4. The receipt of this proceeding shall be acknowledged.


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

To

1. All the Chief Engineers of WRD, PWD.
2. The Chief Engineer (Buildings) PWD, Chennai.5.

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GENERAL NOTE

1. For special nature of works, such as Road works, Water supply, Drainage and Electrical works, separate schedule of rates issued by the respective officers / department / board are to be followed.
2. Extra percentage other than those for the specified areas noted below shall not be allowed hereafter.

For the Entire State

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

areas. No extra percentage is allowed for 5km belt around reserve forest area.

VII. An extra 10% over the rates of labour, rates of materials, rates of works, conveyance charges within the specified area and head load shall be allowed for the works in Kanyakumari District within the belt area of 10 KM stretch from Kerala border.

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

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

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

i). For works in Coimbatore and Erode Districts:

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

20% over rates of labour, rates of materials, rates of work and head load shall be allowed.

ii). **For works in Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari**

Districts: Hills in Western Ghats an extra 20% over rates of labour, rates of materials, rates of work and head load shall be allowed.

iii). **For works in Dindigul, Madurai and Theni districts:** For lower camp (above kuruvanthu Bridge), Bodi Hills, Cumbum mettu, Srimali Hills, Patchi Kamatchi Hills, Palani Hills, Thiruparankuntram Hills, Idumban Hills, Megamalai Panchayat and Thummakundu Panchayat, an extra 50% over rates of labour, rates of materials, rates of work and head load shall be allowed.

iv). **For works in Kodaikanal:** An extra 40% over rates of labour, rates of materials, rates of work and head load shall be allowed.

v). **For works at Periyar Dam Site and Thekkady:**

- a. Add 60% extra over the basic cost of materials to be supplied at 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.
- b. Add 25% extra over the basic cost of materials to be supplied at Thekkady (subject to the condition that there shall not be any extra on conveyance, tollgate fee, interstate allowance, etc). The conveyance charge as applicable for Ghat Road, Cart Track, etc., as per schedule of rates is only applicable.
- c. Add 100% extra over the basic rates of labour for works in Periyar Dam Site under normal condition.
- d. Add 150% extra over the basic rates of labour for works in Periyar Dam Site under hanging condition.
- e. Add 50% extra over the basic rates of labour for works in Thekkady.

vi). **For works in Salem and Namakkal Districts:** An extra 25% over rates of labour, rates of materials, rates of work and head load shall be allowed for works

in Yercaud Hills and Yercaud sub Taluk, Boothamalai, Aranuthumalai, Jarugumalai and Thiruchengode Hills.

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

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

viii). **For works in Sivaqanga District:** **An extra 50% over** rates of labour, rates of materials, rates of work and head load shall be allowed for works in

1. Piranmalai covering Oduvarpatti, Kattugudi patti, Ponnadaipattu, V.Pudur Village.
2. Mamalai covering Vannar Irruppu, Nagamangalam villages,
3. Usilamalai covering Poolankurichi village
4. Hillocks at Musundapatti, Usilam, Ammapatti and Thuthampatti.

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

x). **For works in Cuddalore and Villupuram Districts:** **An extra 50% over** rates of labour, rates of materials, rates of work and head load shall be allowed for works in Kalrayan Hills.

xi). **For works in Trichy, Karur and Perambalur Districts:** **An extra 50% over** rates of labour, rates of materials, rates of work and head load shall be allowed for works in Pachamalai Hills.

2. ISLANDS:

1. For works in Rameswaram Island:

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

2. For works in Other Islands:

(a) Ramanathapuram District

An extra 125% over rates of labour, rates of materials, rates of work, conveyance charges and head load shall be allowed for (1) Upputhannie Island, (2) Puleevilaichalli Island, (3) Aaleippar 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.

(b) Thoothukudi District:

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

3. TUNNELS:

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

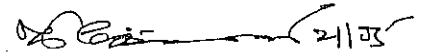
4. DAM SITES UNDER HANGING CONDITION

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

5. 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 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) While adopting source of any materials inside the special tracts viz., Corporation limits, Municipal Limits, Reserve Forest Areas, Hilly Areas, Islands, Dam Sites etc., where extra percentage allowable for the materials which are quarried or manufactured locally, it is the duty of the officer in charge (not less than the rank of Assistant Executive Engineer), to analyse and confirm whether the finished cost of such 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.
- (vii) The necessity of relevant footnotes in respect of the districts covered under their region other than the general notes furnished above, if any,, may be analysed and recommendations sent to the Engineer-in-Chief, WRO and Chief Engineer (General), PWD for consideration and approval.

 21/03

For Engineer-in-Chief WRD and
Chief Engineer (General) PWD
Chepauk, Chennai -5

 21/5/03

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE AS PER GENERAL
NOTE TO SCHEDULE OF RATES (2009 - 2010)**

	Area	Percentage extra allowable on				
		Labour	Material	Rate of work where human labour involved	Conveyance	Head load
	Corporation Limits of					
i	Chennai and belt area of 32 KM around Chennai Corporation (respective district rates)	10%	-	10%	-	10%
ii	All other Corporations (respective district rates)	10%	-	10%	-	10%
iii	Municipal Limits (Only in the Municipalities where different percentage extra permitted in schedule of rates prior to 2002-2003)	5%	-	5%	-	5%
iv	Sewer Works	10%	-	10%	-	-
v	Central Jail Campus	20%	-	20%	20%	-
vi	Sub-Jail Campus	10%	-	10%	10%	-
vii	Reserve Forest Areas	20%	20%	20%	20%	-
	Hills					
i	Nilgiris (On Coimbatore District Rates)	40%	25%	40%	-	40%
ii	Mudumalai Sanctuary, Shandy Nalla Sheep Nallah, Dansandle Area (On Coimbatore District Rates)	40%	25%	40%	-	40%
iii	Valparai (On Coimbatore District Rates)	40%	25%	40%	-	40%
iv	Gudiyalathur, Siruvani, Thavalamalalai Hills, Bargur Hills, Anamalai, Chennai Malai, Sivanmalai (On Coimbatore District Rates)	20%	20%	20%	-	20%
	Western Ghats					
i	Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts	20%	20%	20%	-	20%
	Madurai, Theni & Dindigul District					
i	Periyar Dam Site	-	60%	-	-	-
ii	Thekkady	50%	25%	-	-	-
iii	Periyar Dam Site under normal condition	100%	-	-	-	-
iv	Periyar Dam Site under hanging condition	150%	-	-	-	-
v	Lower Camp (above Kuruvanthu Bridge), Bodi Hills, Cumbum mettu, Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Irdumban Hills, Megamalai Panchayat, Thummakundu Panchayat	50%	50%	50%	-	50%
vi	Kodaikkanal	40%	40%	40%	-	40%

	Area	Percentage extra allowable on				
		Labour	Material	Rate of work where human labour involved	Conveyance	Head load
	Salem and Namakkal District					
i	Yercaud Hills, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Tiruchengodu Hills	25%	25%	25%	-	25%
ii	Kalrayan Hills, Pachamalai Hills, Kolli Hills	50%	50%	50%	-	50%
	Tiruvannamalai District					
i	Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Naickenneri Hills	50%	50%	50%	-	50%
	Sivagangai District					
i	Piranmalai (covering Oduvarpatti, Kattugudipatti, Pannadalpattu, V.Pudur Villages)	50%	50%	50%	-	50%
ii	Mamalai (covering Vannar Iruppu, Nagamangalam Villages)					
iii	Usilamalai (covering Poolankurichi Village)					
iv	Hillocks at Musundapatti, Usilam, Ammapatty and Thuthampatti)					
	Dharmapuri District					
i	Chitheri Hills, Sittiling in Kalrayan Hills	50%	50%	50%	-	50%
	Trichy, Pudukkottai, Karur, Perambalur Districts					
i	Pachamalai Hills	50%	50%	50%	-	50%
	Rameswaram Island - Ramanathapuram District	25%	-	-	25%	25%
	Other Islands in Ramanathapuram District					
i	Upputhannee, Puleevilaichalli, Alaiappar, Valimunai, Appa, Thalaiyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Muyal, Singria, Kuruseedar	125%	125%	125%	125%	125%
	Thoothukudi District					
i	Van, Kasvar, Karaichalli and Vilankurichi Islands	125%	125%	125%	125%	125%
	Kanyakumari District					
i	For works in Kanyakumari District within the belt area of 10 KM stretch from Kerala border	10%	10%	10%	10%	10%
	Tunnels					
	Where human labour alone is involved	15%	-	15%	-	-

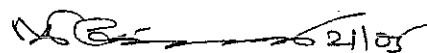
ANNEXURE-I
I. RATES OF LABOUR (2009-10)

Sl.No.	S.I. No.	Description of Labour	Unit	Common Rate for South, North, East & West Zones
1	2	Axe Mazdoor	Day	105.00
2	4	Blacksmith - I Class	Day	138.00
3	4A	Blacksmith - II Class	Day	127.00
4	5	Boat Mazdoor	Day	116.00
5	8	Bullocks pair with driver (with bandy)	Day	204.00
6	8A	Bullocks single with driver (with bandy)	Day	149.00
7	11	Carpenter - I Class	Day	176.00
8	12	Carpenter - II Class	Day	160.00
9	13	Caulker	Day	116.00
10	15	Cleaner - First Grade	Day	94.00
11	15A	Cleaner - Second Grade	Day	88.00
12	18	Ferry Mazdoor	Day	116.00
13	19	Fitter - I Class	Day	157.00
14	19A	Fitter II Class	Day	146.00
15	20	Fitter (Pipe Laying / Bar bending)-I Class	Day	154.00
16	20A	Fitter (Pipe Laying / Bar bending)-II Class	Day	143.00
17	21	Floor Polisher	Day	138.00
18	22	Gardener	Day	105.00
19	25	Hammer Mazdoor	Day	110.00
20	26	Head Mazdoor for Well Sinking	Day	116.00
21	27	Driver (Light Duty)	Day	138.00
22	27A	Driver (Heavy Duty)	Day	149.00
23	28	Jumper Mazdoor	Day	105.00
24	36	Maistry, Road Inspector & Work Inspector	Day	132.00
25	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	149.00
26	37	Mason for Brick Work - I Class	Day	179.00
27	37A	Mason for Brick Work - II Class	Day	162.00

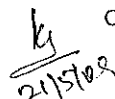
Sl.No.	S.I. No.	Description of Labour	Unit	Common Rate for South, North, East & West Zones
28	38	Mason for Stone Work - I Class	Day	179.00
29	38A	Mason for Stone Work - II Class	Day	162.00
30	39A	Mazdoor - I Class	Day	112.00
31	39B	Mazdoor - II Class	Day	101.00
32	39C	Head Mazdoor	Day	116.00
33	40	Mechanic - I Class	Day	138.00
34	40A	Mechanic - II Class	Day	127.00
35	42	Mopla - I Class	Day	138.00
36	42A	Mopla - II Class	Day	127.00
37	43	Navagonies or Javali Man - I Class	Day	116.00
38	44	Painter / Varnisher - I Class	Day	143.00
39	44A	Painter / Varnisher - II Class	Day	132.00
40	46	Pile Driver	Day	127.00
41	47	Plumber I Class	Day	154.00
42	47A	Plumber II Class	Day	143.00
43	48	Pump Driver	Day	116.00
44	52	Sawyer	Day	127.00
45	54	Smith I Class	Day	138.00
46	54A	Smith II Class	Day	127.00
47	55	Sprayer Mazdoor (for bitumen, tar etc.,)	Day	105.00
48	56	Stone Cutter - I Class	Day	138.00
49	56A	Stone Cutter - II Class	Day	127.00
50	58	Syrang - I Class	Day	138.00
51	58A	Syrang - II Class	Day	127.00
52	60	Thatcher	Day	110.00
53	62	Tinker - I Class	Day	110.00
54	62A	Tinker - II Class	Day	105.00
55	63	Turner - I Class	Day	127.00
56	63A	Turner - II Class	Day	116.00

Sl.No.	S.I. No.	Description of Labour	Unit	Common Rate for South, North, East & West Zones
57	64	Time Keeper I Class	Day	138.00
58	64A	Time Keeper II Class	Day	127.00
59	67	Welder / Bracer - I Class	Day	138.00
60	67A	Welder / Bracer - II Class	Day	127.00
61	68	Well Diver for removing silt - I Class	Day	138.00
62	68A	Well Diver for removing silt - II Class	Day	127.00
63	69	Well Sinker - I Class	Day	154.00
64	69A	Well Sinker - II Class	Day	143.00
65	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	160.00
66	72	Wodder	Day	116.00
		Technical Personnel		
67	76A	Technical Assistant - Grade I (B.E.Passed)	Day	231.00
68	76B	Technical Assistant - Grade II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	204.00
69	76C	Technical Assistant - Grade III (Diploma in Engg. Failed / I.T.I (civil) Passed	Day	176.00
70	76D	Cinema Operator (I.T.I. Passed)	Day	143.00
71	76E	B.Sc., (Agriculture) Passed	Day	204.00
72	77A	Laboratory Assistant - Grade I (Post Graduate in Science)	Day	176.00
73	77B	Laboratory Assistant - Grade II (Degree in Science / Degree in Geology for Ground water)	Day	160.00
74	77C	Laboratory Assistant - Grade III (With Degree Qualification to work as works clerk)	Day	143.00
75	78A	Mazdoor employed for Geological mapping	Day	112.00
76	78B	Mazdoor employed for Pitting, Trenching, Sampling and Drilling works.	Day	112.00
77	78C	Mazdoor employed for Geophysical investigation works.	Day	112.00
78	78D	Head Mazdoor to Supervise exploratory works	Day	118.00

Sl.No.	S.I. No.	Description of Labour	Unit	Common Rate for South, North, East & West Zones
79	79	Mixer including concrete mixer operator (Drum Mixer)	Day	121.00
80	80	Mixer Driver	Day	116.00
81	81	Compressor Operator	Day	121.00
82	89A	Computer Operator Grade I - [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	231.00
83	89B	Computer Operator Grade II - [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	204.00
84	90A	Irrigation Community Organizer Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	220.00
85	90B	Irrigation Community Organizer Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	182.00
86	95	Heat master Operator	Day	116.00
87	96	Raker	Day	116.00
88	97	Geological Assistant	Day	171.00
89	98	Stone & Crusher Operator	Day	121.00
90	99	Heavy Mazdoor	Day	121.00
		Electrical Workers		
91	100	Wireman Grade-I / Electrician Grade-I	Day	160.00
92	101	Wireman Grade-II / Electrician Grade-II	Day	149.00
93	102	Electrical Helper	Day	110.00
94	103	Lift Operator	Day	132.00
95	104	Laboratory Attendant	Day	99.00
96	105	Sound Service Operator	Day	110.00
97	106	Electrical Maistry	Day	171.00

 21/05

For Engineer-in-Chief WRD and
Chief Engineer (General) PWD
Chepauk, Chennai -5

 21/5/09

ANNEXURE-II
II. RATES OF MATERIALS (2009-2010)

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
	A	BRICKS AND TILE PRODUCTS		
1	1	Second Class Table Moulded Chamber Burnt Bricks		
2	a	9" x 4 1/2" x 3"	1000 Nos.	3020.00
3	b	9" x 4 3/8" x 2 3/4"	1000 Nos.	2940.00
4	2	Second Class Ground Moulded Chamber Burnt Bricks		
5	a	9" x 4 1/2" x 3"	1000 Nos.	2630.00
6	b	9" x 4 3/8" x 2 3/4"	1000 Nos.	2560.00
7	3	Third Class Country Brick Kiln Burnt		
8	a	8 3/4" x 4 1/4" x 2 3/4" °	1000 Nos.	2220.00
9	b	8 3/4" x 4 1/4" x 2 1/4"	1000 Nos.	1745.00
10	c	8 3/4" x 4 1/4" x 2 "	1000 Nos.	1675.00
11	3A	Fly Ash Bricks		
12	a	230 x 110 x 70mm	1000 Nos.	2365.00
13	4	Specially moulded country brick for well steining		
14	a	8 3/4" x 4 1/4" x 2"	1000 Nos.	990.00
15	b	Perforated bricks 19 x 9 x 9cm	1000 Nos.	1705.00
16	c	Terrace bricks 15 x 7.5 x 2.5cm	1000 Nos.	440.00
17	8	Flat Tiles		
18	a	15cm x 15cm x 12mm	1000 Nos.	495.00
19	b	15cm x 15cm x 20mm	1000 Nos.	585.00
20	10	Brick Jelly		
21	a	40mm size	M3	295.00
22	b	20mm size	M3	320.00
23	11	Pressed Tiles		
24	a	20 x 20 x 2cm	1000 Nos.	5130.00
25	b	23 x 23 x 2cm	1000 Nos.	6840.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
26	12	Pan Tiles		
27	a	23cm x 8cm x 1.7cm	1000 Nos.	259.00
28	b	16.5cm x 8cm x 1.7cm	1000 Nos.	213.00
29	13	Best Mangalore Tiles		
30	a	I Class 'A'	1000 Nos.	6110.00
31	b	Class 'AA'	1000 Nos.	6230.00
32	c	Best Mangalore Ridge Tiles	1000 Nos.	17845.00
33	d	Best Mangalore Ceiling Tiles	1000 Nos.	3760.00
34	e	Best Mangalore Glass Roofing Tiles	Each	179.00
35	f	Best Mangalore Ventilating Tiles (Single)	Each	28.00
36	g	Best Mangalore Ventilating Tiles (Double)	Each	35.00
37	23A	Mosaic Flooring Tiles (Grey)		
38	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	8650.00
39	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	5510.00
40	23C	Mosaic (other Colour)		
41	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	11895.00
42	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	7030.00
43	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	8650.00
44	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	13525.00
45	24	Mosaic Chequered tile Grey colour size 25 x 25 x 2 cm	1000 Nos.	10815.00
	B	STONE AND ROAD MATERIALS		
46	27	Rough stone for masonry works (Hard Granite)	M3	262.00
47	28	Rough stone for revetment works	M3	228.00
48	29	Jeddy size for Revetment (Hard Granite)	M3	251.00
49	29a	Cut stone pillar of size 0.15 x 0.15 x 2.1M	Each	99.00
50	30	From boulders without blasting for revetment	M3	68.00
51	30a	From boulders without blasting for masonry	M3	99.00
52	32	Course Rubble stone for masonry works	M3	210.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
53	33	Course Rubble stone for Arch works	M3	228.00
54	33 (A) I	Chisel dressed stone 70cm x 30cm x 29cm	RM	105.00
55	II	Chisel dressed stone 37cm x 30cm x 29cm	RM	105.00
56	7(B)	Hammer dressed stone 37cm x 30cm x 29cm	RM	73.00
57	34	Cutstone fully dressed to size on all faces	M3	3728.00
58	35	Cut stone Roughly dressed	M3	2580.00
59	36	Ashlar arch stone fully dressed to size all faces	M3	2840.00
60	38	Flooring stone SS Size (Not less than 10cm thick)	M3	210.00
61	39 a	Stone slab for culvert (3 faces one line dressed) Above 1.2m	M3	2710.00
62	b	Stone slab for culvert (3 faces one line dressed) Upto 1.2m	M3	2460.00
63	40	Stone slab for culvert (3 faces two line dressed)	M3	3020.00
64	41	For Lintel coping (3 faces two line dressed)	M3	3020.00
65	42	Bond Stones	M3	360.00
66	43 a	Kilometre stone 1.65 x 0.45 x 0.15m	Each	260.00
67	44 a	Hecta metre stone 0.9x0.1x0.1m	Each	73.00
68	b	Hecta metre stone 0.75x0.23x0.1m	Each	135.00
69	c	Hecta metre stone 0.9x0.15x0.15m	Each	130.00
70	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	63.00
71	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	65.00
72	c	Demarcation Stone (two line dressed for top 30 cm) 76 x 23 x 23 cm	Each	42.00
73	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	52.00
74	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	73.00
75	f	Edge Stone 45 x 15 x 15 cm	Each	34.00
76	g(i)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 15 x 15 x 60cm	Each	84.00
77	g(ii)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 10 x 10 x 25cm	Each	61.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
78	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	97.00
79	b	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 1.20m long. Two line dressed top 45cm) 23cm dia 1.0m long	Each	103.00
80	c	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	97.00
81	d	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.15 x. 0.15 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	68.00
82	e	Guard Stone 23 cm dia 0.90cm long	Each	50.00
	48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
83	I	HBGS Jelly 90 mm size	M3	240.00
84	ii	HBGS Jelly 80 mm size	M3	270.00
85	iii	HBGS Jelly 63 mm size	M3	310.00
86	iv	HBGS Jelly 50 mm size	M3	360.00
87	v	HBGS Jelly 40 mm size	M3	560.00
88	vi	HBGS Jelly 25 mm size	M3	480.00
89	vii	HBGS Jelly 20 mm size	M3	780.00
90	viii	HBGS Jelly 12 mm size	M3	720.00
91	ix	HBGS Jelly 10 mm size	M3	530.00
92	x	HBGS Jelly 6 mm size	M3	360.00
93	xi	HBGS Jelly 3 mm size	M3	325.00
	49 A	Broken Stone from surface stone & boulders		
94	I	Broken Stone from surface stone & boulders 40 mm size	M3	45.00
95	ii	Broken Stone from surface stone & boulders 50 mm size	M3	40.00
96	iii	Broken Stone from surface stone & boulders 60 mm size	M3	35.00
97	iv	Broken Stone from surface stone & boulders 75 mm size	M3	31.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
98	49 b	Quartz metal		
99	I	Quartz metal 50 mm	M3	58.00
100	ii	Quartz metal 40 mm	M3	59.00
101	50 A	Labour charges for breaking 40mm metal from departmental blasted stones	Deleted & brought under the head of "Rates of Works"	
102	50 B	Labour charges for breaking 20mm metal from departmental blasted stones		
103	50 C	Labour charges for breaking 50mm metal from departmental blasted stones		
	51	Soft Broken Stone		
104	I	Soft Broken Stone 63mm size	M3	45.00
105	ii	Soft Broken Stone 40mm size	M3	50.00
106	52	Laterite 40 to 75mm size	M3	58.00
107	53	Kankar 40 to 75mm size	M3	58.00
108	54	Soling stones unblasted 15cm cube	M3	68.00
109	54a	Soling stones blasted 15cm cube	M3	110.00
110	57	Gravel	M3	97.00
111	57A	Well Gravel	M3	86.00
112	57B	Screened Kankar Gravel	M3	63.00
113	58	Quarry Rubbish	M3	58.00
114	58A	Stone Dust	M3	73.00
115	58B	Pond Ash (wet / dry)	M3	57.00
116	59	Sand for Mortar	M3	110.00
117	60	Sand for Filling	M3	110.00
118	62	Clay for Puddle & Masonry	M3	23.00
119	63 (I)	Cuddapah Slab 50mm Thick	M2	270.00
120	ii	Cuddapah Slab 38 / 40mm Thick	M2	260.00
121	iii	Cuddapah Slab 20 / 30mm Thick	M2	240.00
	C	LIME & CEMENT MORTAR		
122	66	Shell lime (Slaked & Screened)	M3	850.00
123	67	Freshly Slaked & Screened Burnt Lime Stone	M3	625.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
124	68	Stone Lime or Lime Metal	M3	57.00
	69	Cement Mortar		
	I	Grinding Mortar (Special Grinding lime)	Deleted & brought under the head of "Rates of Works"	
	II	Grinding Mortar (Ordinary grinding lime)		
	III	Mixing Mortar - Cement by manual		
	IV	Mixing Mortar - Cement by Machine Mixing		
		D.Timber and Roofing Materials		
125	71	TW Scantlings (over 3m for joist and rafters) - Malabar	M3	76950.00
126	72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	M3	75500.00
127	73	TW Scantlings (over 2m & below 3m in length) - Malabar	M3	73500.00
128	74	TW Scantling (below 2m in length) - Malabar	M3	65400.00
129	75 (I)	TW Planks (Over 45cm wide & 12mm Thick)	M3	81000.00
130	II	TW Planks (30 - 45cm wide & 12mm Thick)	M3	75200.00
131	III	TW Planks (30 - 45cm wide & 12 - 25 mm Thick)	M3	70400.00
132	IV	TW Planks (30 - 45cm wide & 25 - 40 mm Thick)	M3	67600.00
133	V	TW Planks (15 - 30cm wide & 12mm Thick)	M3	65800.00
134	VI	TW Scantling (15 - 30cm wide & 12-25mm Thick)	M3	62500.00
135	VII	TW Planks (15 - 30cm wide & 25- 40mm Thick)	M3	61300.00
136	VIII	TW Planks (Upto 15cm wide & 12mm Thick)	M3	60150.00
137	IX	TW Planks (Upto 15cm wide & 12-25mm Thick)	M3	60150.00
138	XIII	TW Planks (Upto 15cm wide & 25-40mm Thick)	M3	56800.00
	76	Teak wood Reepers		
139	I	TW Reepers 50 x 25mm	RM	51.00
140	II	TW Reepers 50 x 12mm	RM	41.00
	77	Country Wood Scantling		
141	I	CW Scantling (upto 4m in length)	M3	22680.00
142	II	CW Scantling (over 4m in length)	M3	23835.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
143	77A	CW Scantling (for tie beams & Principal rafters for trusses)	M3	23835.00
144	77B	Jack wood Scantlings (upto 4 m)	M3	24990.00
145	77D	Silver oak Scantlings	M3	10340.00
	78	Country Wood Planks		
146	I	CW Planks (upto 30cm wide-40mm thick)	M3	26090.00
147	ii	CW Planks (upto 30cm wide-25mm thick)	M3	26090.00
148	III	CW Planks (over 30cm wide-40mm thick)	M3	26090.00
149	iv	CW Planks (over 30cm wide-25mm thick)	M3	26090.00
150	78A	JW Planks (25mm-40mm thick)	M3	27300.00
151	78B	Silver Oak Plank (40mm thick)	M3	11800.00
152	78C	Bluegum Plank	M3	12000.00
	79	Country Wood Reepers		
153	I	CW Reepers (50 x 25mm)	RM	23.00
154	ii	CW Reepers (50 x 12mm)	RM	17.00
155	80	Mango plank	M3	11200.00
156	81	Palmyrah rafter (50 - 60mm wide & 125mm depth)	RM	33.00
157	a	Palmyrah Leaves	100 Nos.	170.00
158	b	Palmyrah Leaves (Labour for cutting)	100 Nos.	27.00
	90	Casurina poles		
159	a	Casurina poles 13cm - 15cm dia	RM	22.00
160	b	Casurina poles 10cm - 13cm dia	RM	17.00
161	c	Casurina poles 8cm - 10cm dia	RM	13.00
162	d	Casurina poles 5cm - 8cm dia	RM	11.00
	90.1	Eucalyptus Poles		
163	a	13cm to 15cm dia	1m	22.00
164	b	10cm to 13cm dia	1m	16.00
165	c	8cm to 10cm dia	1m	13.00

Sl.No.	S.I. No.	Description of Materials	Unit	Common Rate for South, North, East & West Zones
166	d	5cm to 8cm dia	1m	11.00
167	e	below 5cm	1m	10.00
168	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	1m	8.00
169	91	Casurina Bullies 4cm - 5cm dia & cross ties	RM	9.00
170	92	Bamboo Large (10cm dia and above)	RM	8.00
171	93	Bamboo (7.5cm - 10cm dia)	RM	7.00
		E.Metal and Iron works		
172	111	Mild steel plates or sheets BG 10	Kg	34.50
173	112	Mild steel Angles 25 x 25 x 3 mm	Kg	34.50
174	113	Binding wire (Black 18 G)	Kg	34.50
175	113 b	Binding wire (Galvanised-18 G)	Kg	34.50
176	114	G.I. Sheets 30cm wide and 1.6 mm Thick	M2	240.00
	121	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Deleted & brought under the head of "Rates of Works"	
	125	Iron works for trusses & record racks (labour only)		
	125A	Supplying & fixing mild steel grills for windows, ventilators, etc., including priming coat.		
177	126 I	Weld mesh 7.5 x 2.5cm. 10 Gauge	M2	235.00
178	ii	Weld mesh 7.5 x 5cm. 10 Gauge	M2	210.00
179	iii	Weld mesh 10 x 10cm. 10 Gauge	M2	115.00
	127	Fixing M.S.Rods round / square for windows	Deleted & brought under the head of "Rates of Works"	
	128	Fixing Iron bars in windows and ventilators		
180	129	Chicken mesh	M2	26.00
181	130	Fly proof mesh	M2	73.00

NOTE:

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

[Signature]
For Engineer-in-Chief WRD and
Chief Engineer (General) PWD
Chepauk, Chennai -5

[Signature]
21/5/03

ANNEXURE-III
III. RATES OF WORKS (2009-2010)

Sl. No.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
		A. Clearing the Site		
1	1	Clearing Heavy Jungle	M ²	2.20
2	2	Clearing Light Jungle	M ²	1.65
3	3	Clearing Scrub Jungle	M ²	1.55
4	4	Uprooting & removing large palmyrah / coconut stumps	Each	41.80
5	5	Uprooting & removing small palmyrah / coconut stumps	Each	29.70
6	9	Removing weeds in channel and drain	M ²	0.65
7	9C	Cleaning Juliflora jungle with uprooting	M ²	2.40
8	9D	Cleaning Juliflora jungle without uprooting	M ²	1.85
		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	M ³	17.60
10	11	Brick / stone in clay walls, add for every additional 3m or part there of over the initial height of 3m	M ³	5.95
11	11A	Mud / sun dried brick walls under 3m high	M ³	11.90
12	11B	Mud / sun dried brick walls, add for every additional 3m or part there of over the initial height of 3m	M ³	3.50
13	12	Brick/ stone masonry in lime mortar walls under 3m high	M ³	53.90
14	13	Brick / stone masonry in lime mortar walls, add for every additional 3m or part there of over the initial height of 3m	M ³	6.05
15	14	Brick / stone masonry in Cement mortar walls under 3m high	M ³	66.00
16	15	Brick / stone masonry in Cement mortar walls, add for every additional 3m or part there of over the initial height of 3m	M ³	7.15
17	16	Terracing work in roof or floor	M ³	17.95
18	17	Flag stone in roof or floor including lifting	Each	9.55
19	18	Cut stone slab over culverts upto 3.3m height below G.L	M ³	275.00
20	19	Cut stone slab over culverts over 3.3m height below G.L	M ³	286.00
21	20	Removal of cut stone slabs & RCC slabs	M ³	121.00

Sl.N o.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
22	21	Removing and refixing cutstone slabs	M ³	Deleted
23	22	Refixing cut stone slab	M ³	132.00
24	23	Pantile or Mangalore tiled roof without roof timbers	M ²	4.85
25	24	Flat & pan tiles or Manglore tile over flat tiles, with out roof timbers	M ²	6.60
26	25	AC sheet roofing without roof timbers	M ²	4.40
27	26	Corrugated Iron sheet roofing with pan tiles over, without roof timbers	M ²	7.15
28	27	Old thatched roof, Including tying materials into small bundles for reuse.	M ²	2.20
29	28	Wrought & putup framed timbers in roofs / floors	M ³	172.75
30	29	Doors & windows Including removal of frames, hinges and fastenings	M ²	35.75
31	32	Dry stones apron or revetment, stacking within 40m lead	M ³	30.80
32	33	Grouted stones apron or revetment, stacking within 40m lead	M ³	35.75
33	34	Dry stone masonry walls	M ³	26.20
34	36	Dismantling lime concrete	M ³	83.60
35	37	Dismantling plain Cement concrete	M ³	113.30
36	38	Dismantling RCC	M ³	1721.50
37	38A	Chipping of concrete & roughening the surface	M ²	9.55
38	38B	Pressed tiles & weathering course	M ²	11.00
39	38C	One course of pressed tile roof finish in Cement Mortar	M ²	6.15
40	38D	One course of terrace bricks roof finish in Cement mortar	M ²	7.25
41	38E	Two course of flat tiles roof finish in cement mortar	M ²	7.15
42	38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	M ²	14.85
43	38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	M ²	14.30
		C. Quarrying and Blasting		
44	39	Hard rock measured in solid including blasting & stacking	M ³	203.50
45	39A	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	M ³	407.00

Sl. No.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
46	40A	Medium rock and dense medium rock requiring blasting	M ³	104.50
47	42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	M ³	2.55
48	42B	Extra for every additional 1m lead or part thereof over the initial lift of 2m for blasted materials	M ³	2.65
49	44	Benching, hard rock upto an average 10 cm depth	M ²	198.00
50	46	Drilling holes in hard granite 40mm diameter	RM	66.00
51	46A	Drilling holes in hard granite 45mm diameter	RM	77.00
52	47	Drilling holes in hard granite 50mm diameter	RM	91.85
53	48	Drilling holes in hard granite 75mm diameter	RM	104.50
54	49	Drilling holes in hard granite 32mm diameter	RM	56.65
		D. Earth Work-		
55	49	ORDINARY SOIL SS20A Earth work excavating and depositing on bank with initial lead of 10m & initial lift of 2m in Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil sandy loam and ordinary soil including excavated earth SS.20.A	M ³	21.10
56	50	ORDINARY SOIL SS20B Earth work excavating and depositing on bank with initial lead of 10m & initial lift of 2m in Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil including excavated earth SS.20.B	M ³	19.25
57	50A	Sand & Silt Under Water SS20B Earth work excavating and depositing on bank with a initial lead of 10 m & initial lift of 2m in Slush and silt under water upto 0.75m depth requiring the aid of basket and vessels SS.20.B	M ³	24.00
58	50B	Trimming the bed and the side slope of the bank in all soils except hard rock upto a thickness of 7.5 cm and making it ready to receive the concrete	M ³	4.95
59	50C	Trimming the bed and the side slope of the bank in all soils except hard rock upto a thickness of 7.5 cm to 15 cm and making it ready to receive the concrete	M ³	6.05
60	50D	Sectioning during forming bunds when earth moving machineries, lorries and rollers are used for consolidation.	M ³	3.75
61	61	HGS SS.20.A. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard-stiff clay, stiff black cotton, hard red earth, shales, murram, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	M ³	30.60

Sl. No.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
62	62	HGS SS.20.B. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales, murram, gravel, stoney earth and earth mixed with small size boulders SS.20B	M ³	28.75
63	67	SDR - (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Soft disintegrated rock, laterite, soft rock or kankar, not requiring blasting.	M ³	42.90
64	67A	LOOSE BOULDERS Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in loose boulders in excavation of various size 150mm to 625 mm	M ³	67.65
65	72	MR-&DMR (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in medium rock and dense medium rock not requiring blasting	M ³	75.35
66	76	Extra for every additional 10 metre lead or part thereof over the initial lead	M ³	3.65
67	77	Extra for every additional 1 metre lift or part thereof over the initial lift	M ³	2.95
68	78	Breaking clods, consolidating and sectioning	M ³	1.85
69	78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	M ³	5.50
70	79	Add to relevant T.N.D.S.S. No.20.A, rates for new tank bunds and closing breaches for extra watering and consolidation,		
71	A	By hand roller	M ³	6.05
72	B	By power roller including hire charges	M ³	10.10
73	80	Benching Old Embankment Slopes 45cm x 45cm	RM	1.30
74	81	Puddle wall work	M ³	47.85
75	82A	Turfing in slopes including watering and fixing with initial lead upto 50m	M ²	10.10
76	84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	M ³	9.00
77	85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	M ³	10.10
		E.OPEN WELL EXCAVATION		
78	86	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in sand, silt or other loose soil, Wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil - First depth of 2 metre.	M ³	19.25

Sl.No.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
79	88	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Hard stiff clay, stiff black cotton soil, hard red earth, shales, murram, gravel, stoney earth and earthmixed with small size boulders and hard gravelly soil - First depth of 2 metre	M ³	28.60
80	89	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in soft disintegrated rock, laterite, soft rock or kankar not requiring blasting - First depth of 2 metre	M ³	44.00
81	90	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Medium rock and dense medium rock not requiring blasting - First depth of 2 metre	M ³	71.50
82	90A	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Medium rock and dense medium rock requiring blasting - First depth of 2 metre	M ³	107.80
83	91	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Hard granite measured in solid including blasting and stacking - First depth of 2 metre	M ³	209.00
84	92A	Sinking well in loose soils, light black cotton soil, sandy loam and ordinary soil under water including bailing or pumping charges if necessary etc., complete First depth of 2 metres	M ³	29.70
85	92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	M ³	41.80
86	92C	Sinking well in hard stiff clay, light black cotton soil, hard red earth, shales, murram, 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	M ³	41.80
		F.RATE FOR EARTHWORK DEPLOYING MACHINERIES		
87	1	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with lead of 0 to 100 metre deploying earth moving machineries and tippers including benching, formation of bunds, breaking clods, sectioning etc complete	M ³	32.85
88	1a	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with an extra lead of every 100 metre or part thereof deploying earth moving machineries and tippers including benching, formation of bunds, breaking clods, sectioning-etc complete	M ³	2.70
89	2	Earth work deploying earth moving machineries for desilting channel and forming bund on either side and depositing the earth on banks including jungle clearance etc complete		
90	a	having width up to 3m	M ³	19.45
91	b	having width of 3m -10m	M ³	23.70

Sl.N o.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
92	3	Earth work excavation deploying earth moving machineries for desilting channel having a width of more than 10m and forming bund on either side and depositing the earth on banks including jungle clearance etc complete	M ³	27.65
		LIFT CHARGES - Concrete - Brick or Stone Masonry above or below Ground Level		
	A	Concrete, above ground level		
93	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)	M ³	30.60
94	2	Add for works in every upper floor over the rate of preceeding floor	M ³	61.05
	B	Brick or Stone Masonry above GL		
95	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)	M ³	20.35
96	2	Add for works in every upper floor over the rate of preceeding floor	M ³	40.70
		STATEMENT II		
	A	Concrete, Below ground level		
97	1	Add the basic rate for works above 1.50m depth and upto 4.5m depth below ground level	M ³	30.25
98	2	Add the basic rate for works above 4.50m depth and upto 9m depth below ground level	M ³	60.50
99	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	M ³	60.50
100	B	Brick or Stone Masonry below GL		
101	1	Add the basic rate for works above 1.50m depth and upto 4.50m depth below GL	M ³	20.35
102	2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	M ³	40.70
103	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	M ³	40.70
		Concrete Vibrators		
104	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.	M ³	18.15
105	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.	M ³	24.20

Sl.N o.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
		G. Scaffolding, Centering, etc.,		
106	156 A	Scaffolding Charges for Plastering for Repair Works only. 4m to 6m above Ground Level	M ²	0.85
107	156B	Scaffolding Charges for Plastering for Repair Works only. 6m to 10m above Ground Level	M ²	1.10
108	156C	Scaffolding Charges for Plastering for Repair Works only over 10m above Ground Level	M ²	1.50
109	156 D	Scaffolding Charges for White or Colour Washing for Repair Works only. 4m to 6m above Ground Level	M ²	0.70
110	156E	Scaffolding Charges for White or Colour Washing for Repair Works only. 6m to 10m above Ground Level	M ²	0.95
111	156F	Scaffolding Charges for White or Colour Washing for Repair Works only over 10m above Ground Level	M ²	1.30
112	156 G	Scaffolding Charges for Painting for Repair Works only. 4m to 6m above Ground Level	M ²	0.45
113	156 H	Scaffolding Charges for Painting for Repair Works only. 6m to 10m above Ground Level	M ²	0.50
114	156 I	Scaffolding Charges for Painting for Repair Works only over 10m above Ground Level	M ²	0.70
		H. Plastering		
115	318	Clean removal of lime plaster from walls and racking out joints 20 mm deep or from terraced roofs racking out joints 12 mm deep	M ²	2.55
116	319	Clean removal of lime plaster from walls	M ²	2.00
117	320	Clean removal of Cement plaster from walls	M ²	2.15
118	321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	M ²	2.75
		I. White Washing, Colour Washing & Distempering		
119	338	Thorough scrapping of old plastered surface	M ²	1.25
120	339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	M ²	1.50
		J. Painting, Wood oiling, Tarring, Varnishing, Bee's waxing Etc.,		
121	357	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	M ²	9.00
122	357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	M ²	3.90

Sl.N o.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
123	357B	Removing paint from doors, windows & wood works by manual labour	M ²	2.65
124	357C	Removing old paint from structural steel by blow lamp or sand paper	M ²	5.50
125	357 D	Scrapping and removing old paint from structural steel by manual labour	M ²	2.45
126	357 E	Removing old paint from iron surface with sand paper	M ²	2.40
127	357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	M ²	5.35
		K. Miscellaneous		
128	369 B	Supplying and filling up the empty cement gunny bags with sand, stitching them, conveying the same to site and stacking as directed within a lead of 10 m excluding cost of bags, Jute, thread, needle, sand etc., (Labour only)	Bag	2.40
129	369 B(i)	Driving piles up to 15 cm dia in river bed	1 RM	7.15
130	(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	6.05
131	(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	1 RM	6.05
		L. River Conservancy of Korambu Works		
132	375A	Brush wood bundles one metre girth and one metre long within an initial lead of 1.6 K.M.	one bundle	1.30
133	375B	Extra for every additional lead of 1.6K.M (for the above item)	one bundle	0.15
134	378A	Driving casurina piles into bed including scaffolding etc., complete	RM	3.00
135	378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	4.05
		M. Cutting and Threading of G.I. Pipe		
136	1	15 mm dia G.I. Pipe Cutting	Each	2.50
137		15 mm dia G.I. Pipe Threading	Each	3.50
138	2	20 mm dia G.I. Pipe Cutting	Each	2.50
139		20 mm dia G.I. Pipe Threading	Each	3.65
140	3	25 mm dia G.I. Pipe Cutting	Each	3.10
141		25 mm dia G.I. Pipe Threading	Each	7.35
142	4	32 mm dia G.I. Pipe Cutting	Each	3.65

Sl. No.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
143		32 mm dia G.I. Pipe Threading	Each	9.90
144	5	40 mm dia G.I. Pipe Cutting	Each	4.85
145		40 mm dia G.I. Pipe Threading	Each	11.00
146	6	50 mm dia G.I. Pipe Cutting	Each	6.15
147		50 mm dia G.I. Pipe Threading	Each	12.30
148	7	65 mm dia G.I. Pipe Cutting	Each	6.70
149		65 mm dia G.I. Pipe Threading	Each	14.75
150	8	80 mm dia G.I. Pipe Cutting	Each	8.60
151		80 mm dia G.I. Pipe Threading	Each	18.50
152	9	100 mm dia G.I. Pipe Cutting	Each	12.30
153		100 mm dia G.I. Pipe Threading	Each	24.65
		N. Labour Wrought and Put-up for Doors, Windows & Ventilators		
154	1	Labour wrought and put up in position frames inclusive of fixing holdfasts for doors, windows and ventilators etc.,	M ³	3503.50
155	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.	M ²	396.00
156	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.	M ²	330.00
157	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.	M ²	368.50
158	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.	M ²	308.00
159	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.	M ²	209.00
160	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.	M ²	368.50
161	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.	M ²	396.00

Sl.N o.	S.I. No.	Description of Work	Unit	Common Rate for South, North, East & West Zones
162	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.	M ²	209.00
163	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.	M ²	330.00
164	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.	M ²	308.00
165	19	Labour charges for fixing doors alongwith frames in position etc., complete (finished work)	M ²	59.40
166	20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	M ²	74.80
167	21	Labour wrought and put up in position Flush shutters for Single leaf shutter	M ²	55.00*
168		Double leave shutters	M ²	85.80
169	22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	M ²	198.00
170	23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x 0.075m)	M ²	275.00
		Breaking Metals		
171	O1	Labour charges for breaking 40mm metal from departmental blasted stones	M3	105.60
172	O2	Labour charges for breaking 20mm metal from departmental blasted stones	M3	157.30
173	O3	Labour charges for breaking 50mm metal from departmental blasted stones	M3	62.70
		Cement Mortar		
174	P1	Grinding Mortar (Special Grinding lime)	M3	95.70
175	P2	Grinding Mortar (Ordinary grinding lime)	M3	72.60
176	P3	Mixing Mortar - Cement by manual	M3	29.70
177	P4	Mixing Mortar - Cement by Machine Mixing	M3	41.80
		Metal & Iron works		
178	Q1	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	14.30
180	Q2	Iron works for trusses & record racks (labour only)	Kg	13.20
182	Q3	Supplying & fixing mild steel grills for windows, ventilators, etc., including priming coat.	Kg	46.20
184	Q4	Fixing M.S.Rods round / square for windows	Kg	7.70
186	Q5	Fixing Iron bars in windows and ventilators	Kg	7.70


For Engineer-in-Chief WRD and
Chief Engineer (General) PWD
Chepauk, Chennai -5

ANNEXURE-IV
IV. RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD FOR THE YEAR 2009-2010

Sl.No.	S.I. No.	Description of Material	Unit	LEAD			LIFT
				Above 10 m and upto 100 m	Add extra for every additional 100 m or part thereof	Add extra for 1 m height or part thereof for more than 2 m lift	
	1	2	3	4	5	6	
1	1	Rough Stone, Broken Stone, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantling, Wooden Plank	Cum.	33.00	13.75	3.70	
2	2	Lime, Lime Stone, Broken Laterite, Brick Jelly, Coke, Earth, Sand Gravel, Surki, Pond Ash (Wet & Dry)	Cum.	17.60	13.75	2.75	
3	3 a	Mangalore Tiles	1000 Nos.	35.75	18.00	4.60	
4	b	Machine Pressed Tiles	2000 Nos.	35.75	18.00	4.60	
5	c	Hydraulic Pressed Mosaic Tiles	1500 Nos.	35.75	18.00	4.60	
6	d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	35.75	18.00	4.60	
7	e	Bricks	1000 Nos.	35.75	18.00	4.60	
8	4	Cement, AC Sheet, Bitumen, Asphalt, Tar and Pitch	MT	33.00	18.00	3.70	
9	5	Steel	MT	55.00	22.00	4.60	

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


 For Engineer-in-Chief WRD and
 Chief Engineer (General) PWD
 Chepauk, Chennai -5
 21/5/09

ANNEXURE-V
V. CONVEYANCE TABLE

A. RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN PLAINS FOR THE YEAR 2009-2010.

Sl.No.	S.I.No.	Distance in kilometre	Cement, Steel (1 MT)	Lime Stone, Broken Laterite, Brick Jelly, Wood Work, Pond Ash (wet / dry) (One cubic metre)	Rough Stone, Broken Stone, Jelly, Sand, Gravel, Surki, Earth (One cubic metre)	Country Bricks (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Tiles (1500 Nos.)	Bricks I & II Class Standard Size Stock Bricks, Metric Bricks, Fly Ash Bricks, Chamber Burnt Bricks, Flooring Square Tiles (1000 Nos.)
1	1	2	3	4	5	6	7	8
1	1	Co-efficient	1.00	1.10	1.60	1.35	1.80	2.25
2	2	Add for every extra 1 Km and part thereof.....						
3	a	0 - 10 Km.	3.40	3.75	5.45	4.65	6.15	7.75
4	b	10 - 20 Km.	2.85	3.15	4.55	3.80	5.10	6.40
5	c	20 - 40 Km.	2.45	2.70	3.95	3.35	4.40	5.50
6	d	40 - 80 Km.	1.95	2.15	3.15	2.65	3.50	4.40
7	e	Above 80 Km.	1.70	1.90	2.75	2.30	3.10	3.85
8	4	Loading Charges	44.00	21.00	14.40	20.70	20.70	20.70
9	5	Unloading Charges	44.00	21.00	14.40	20.70	20.70	20.70
	6	Add above extra for inter state works	8.75	9.65	14.00	11.85	15.75	19.65

Note

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

For Engineer-in-Chief WRD and
Chief Engineer (General) PWD
Chepauk, Chennai -5

V. CONVEYANCE TABLE

B. RATES FOR CONVEYANCE OF MATERIALS BY ROAD ON HILLS FOR THE YEAR 2009-2010

Sl.No.	S.I. No	Distance in kilometre	Cement, Steel (1 MT)	Lime Stone, Broken Laterite, Brick Jelly, Wood Work, Pond Ash (wet / dry) (One cubic metre)	Rough Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth (One cubic metre)	Country Bricks (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.) Hydraulically Pressed Mosaic Tiles (1500 Nos.)	Bricks I & II Class Standard Size Stock Bricks, Metric Bricks, Fly Ash Bricks, Chamber Burnt Bricks, Flooring Square Tiles (1000 Nos.)
1	1	Co-efficient	1.00	1.10	1.60	1.35	1.80	2.25
2	2	Add for every extra 1 Km and part thereof.....						
3	a	0 - 10 Km.	6.85	7.50	10.90	9.30	12.35	15.40
4	b	10 - 20 Km.	5.70	6.25	9.10	8.50	10.15	12.80
5	c	20 - 40 Km.	4.95	5.40	7.90	6.65	8.85	11.00
6	d	40 - 80 Km.	3.90	4.25	6.25	5.90	7.05	8.80
7	e	Above 80 Km.	3.40	3.80	5.50	4.65	6.15	7.70

Note

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

For Engineer-in-Chief WRD and
Chief Engineer (General) PWD
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