



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

STANDARD SCHEDULE OF RATES

2007-2008

(with effect from 01.04.2007)



**PUBLIC WORKS DEPARTMENT
WATER RESOURCES ORGANISATION**

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

Present: *Er. K. Rangaraju Gupta, M.E.,
Engineer-in-Chief, WRO & Chief Engineer (General)*



Proceedings No. HDO / 25440 / 2005, dated 17.04.2007

Sub: Public Works Department - Schedule of Rates for the year 2007-2008 approved - For adoption with effect from 01.04.2007 - Communicated - Regarding.

Ref: This office proceedings No. HDO / 25400 / 2005, dated 21.11.2006.



The schedule of rates approved by the "Committee constituted for the finalisation of Schedule of Rates" for adoption with effect from 15.11.2006 have been communicated in this office proceedings cited for adoption in the preparation of estimates in Public Works Department.

2.0. The schedule of rates for the year 2007-2008 approved by the "Committee constituted for the finalisation of Schedule of Rates" is herewith communicated to the Superintending Engineers of Water Resources Organisation Circles in the shape booklet for adoption **with effect from 01.04.2007** (containing the General Note and Annexure-I to V in 41 pages).

3.0 The Superintending Engineers of Water Resources Organisation Circles are requested to prepare required number of schedule of rates 2007-2008 in the shape of booklets pertaining to the districts under their jurisdiction and arrange to supply the

same to all officers of PWD including Building Organisation upto the level of section officers for adoption in preparation of estimates with effect from 01.04.2007.

4.0. The receipt of this proceedings shall be acknowledged.

Encl.: General Note (8 pages)
Annexure-I (4 pages)
Annexure-II (13 pages)
Annexure-III (13 pages)
Annexure-IV (1 pages)
Annexure-V (2 pages)

[Signature] 17/4/07
for Engineer-in-Chief, WRO &
Chief Engineer (General), PWD.,
Chepauk, Chennai-5.

To

1. All Chief Engineers of WRO., PWD.
2. Chief Engineer (Buildings), PWD., Chennai-5.
3. All Superintending Engineers of WRO Circles for necessary action.

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

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

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 Head Draughting Officer, O/o. the Engineer-in-Chief, WRO & Chief Engineer (General), PWD., Chennai-5.

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

Copy to the Junior Draughting Officer, HDO Section, O/o. 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.**
- 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**. The extra percentage hitherto allowed for 5km belt around reserve forest area is now withdrawn.

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 Sirumalai Hills, Pachai Kamatchi Hills, Palani Hills, Thirupparankundram Hills, Idumban Hills, Megamalai Panchayat and Thummakundu Panchayat, **an extra 50% over** rates of labour, rates of materials, rates of work and head load shall be allowed.
- 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 Sivaganga 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 Oduvappatti, 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) 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.

(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.

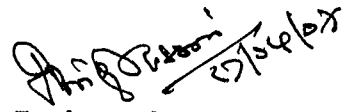
4. DAM SITES UNDER HANGING CONDITION

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 and Chief Engineer (General), PWD for consideration and approval.


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


17/04/07

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE
AS PER GENERAL NOTE TO SCHEDULE OF RATES**

Area		Revised percentage extra allowable on				
		Labour	Material	Rate of work	Conveyance	Head load
	Corporation Limits of					
i	Chennai and belt area of 32 KM around Chennai Corporation (respective district rates)	10%	-	10%	-	10%
ii	Coimbatore (on Coimbatore District rates)	10%	-	10%	-	10%
iii	Trichy (on Trichy District rates)	10%	-	10%	-	10%
iv	Madurai (on Madurai District rates)	10%	-	10%	-	10%
v	Salem (on Salem District rates)	10%	-	10%	-	10%
vi	Tirunelveli (on Tirunelveli Dist. rates)	10%	-	10%	-	10%
vii	Municipal Limits (Only in the Municipalities where different percentage extra permitted in schedule of rates prior to 2002-2003)	5%	-	5%	-	5%
viii	Sewer Works	10%	-	10%	-	-
ix	Central Jail Campus	20%	-	20%	20%	-
x	Sub-Jail Campus	10%	-	10%	10%	-
xi	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, Thavalamalai Hills, Bargur Hills, Anamalai, Chennai Malai, Sivanmalai (On Coimbatore District Rates)	20%	20%	20%	-	20%
	Virudhunagar District					
i	Western Ghats	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%	-	-	-	-

Area		Revised percentage extra allowable on				
		Labour	Material	Rate of work	Conveyance	Head load
v	Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Irduniban Hills, Megamalai Panchayat, Thummakundu Panchayat	50%	50%	50%	-	50%
vi	Kodaikanal	40%	40%	40%	-	40%
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, Pannadaipattu, 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, Pudukottai, 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, Singrila, 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%

ANNEXURE-I
I. RATES OF LABOUR

Sl. No.	Description of Labour	Unit	Common rate approved for the year 2007-2008
2	Axe Mazdoor	Day	95.00
4	Blacksmith - I Class	Day	125.00
4A	Blacksmith - II Class	Day	115.00
5	Boat Mazdoor	Day	105.00
8	Bullocks pair with driver (with bandy)	Day	185.00
8A	Bullocks single with driver (with bandy)	Day	135.00
11	Carpenter - I Class	Day	160.00
12	Carpenter - II Class	Day	145.00
13	Caulker	Day	105.00
15	Cleaner - First Grade	Day	85.00
15A	Cleaner - Second Grade	Day	80.00
18	Ferry Mazdoor	Day	105.00
19	Fitter - I Class	Day	140.00
19A	Fitter II Class	Day	130.00
20	Fitter (Pipe Laying / Bar bending)-I Class	Day	140.00
20A	Fitter (Pipe Laying / Bar bending)-II Class	Day	130.00
21	Floor Polisher	Day	125.00
22	Gardener	Day	95.00
25	Hammer Mazdoor	Day	100.00
26	Head Mazdoor for Well Sinking	Day	105.00
27	Driver (Light Duty)	Day	125.00
27A	Driver (Heavy Duty)	Day	135.00
28	Jumper Mazdoor	Day	95.00
36	Maistry, Road Inspector & Work Inspector	Day	120.00
36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	135.00
37	Mason for Brick Work - I Class	Day	160.00
37A	Mason for Brick Work - II Class	Day	145.00

Sl. No.	Description of Labour	Unit	Common rate approved for the year 2007-2008
38	Mason for Stone Work - I Class	Day	160.00
38A	Mason for Stone Work - II Class	Day	145.00
39A	Mazdoor - I Class	Day	100.00
39B	Mazdoor - II Class	Day	90.00
39C	Head Mazdoor	Day	105.00
40	Mechanic - I Class	Day	125.00
40A	Mechanic - II Class	Day	115.00
42	Mopla - I Class	Day	125.00
42A	Mopla - II Class	Day	115.00
43	Navagonies or Javali Man - I Class	Day	105.00
44	Painter / Varnisher - I Class	Day	130.00
44A	Painter / Varnisher - II Class	Day	120.00
46	Pile Driver	Day	115.00
47	Plumber I Class	Day	140.00
47A	Plumber II Class	Day	130.00
48	Pump Driver	Day	105.00
52	Sawyer	Day	115.00
54	Smith I Class	Day	125.00
54A	Smith II Class	Day	115.00
55	Sprayer Mazdoor (for bitumen, tar etc.)	Day	95.00
56	Stone Cutter - I Class	Day	125.00
56A	Stone Cutter - II Class	Day	115.00
57	Deleted		
58	Syrang - I Class	Day	125.00
58A	Syrang - II Class	Day	115.00
60	Thatcher	Day	100.00
62	Tinker - I Class	Day	100.00
62A	Tinker - II Class	Day	95.00
63	Turner - I Class	Day	115.00

Sl. No.	Description of Labour	Unit	Common rate approved for the year 2007-2008
63A	Turner - II Class	Day	105.00
64	Time Keeper I Class	Day	125.00
64A	Time Keeper II Class	Day	115.00
67	Welder / Bracer - I Class	Day	125.00
67A	Welder / Bracer - II Class	Day	115.00
68	Well Diver for removing silt - I Class	Day	125.00
68A	Well Diver for removing silt - II Class	Day	115.00
69	Well Sinker - I Class	Day	140.00
69A	Well Sinker - II Class	Day	130.00
70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	145.00
72	Wodder	Day	105.00
75	Deleted		
	Technical Assistant		
76A	Technical Assistant - Grade I (B.E.Passed)	Day	210.00
76B	Technical Assistant - Grade II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	185.00
76C	Technical Assistant - Grade III (Diploma in Engg. Failed / I.T.I (civil) Passed)	Day	160.00
76D	Cinema Operator (I.T.I. Passed)	Day	130.00
76E	B.Sc., (Agriculture) Passed	Day	185.00
77A	Laboratory Assistant - Grade I (Post Graduate in Science)	Day	160.00
77B	Laboratory Assistant - Grade II (Degree in Science / Degree in Geology for Ground water)	Day	145.00
77C	Laboratory Assistant - Grade III (With Degree Qualification to work as works clerk)	Day	130.00
78A	Mazdoor employed for Geological mapping	Day	100.00
78B	Mazdoor employed for Pitting, Trenching, Sampling and Drilling works.	Day	100.00

Sl. No.	Description of Labour	Unit	Common rate approved for the year 2007-2008
78C	Mazdoor employed for Geophysical investigation works.	Day	100.00
78D	Head Mazdoor to Supervise exploratory works	Day	105.00
79	Mixer including concrete mixer operator (Drum Mixer)	Day	110.00
80	Mixer Driver	Day	105.00
81	Compressor Operator	Day	110.00
84	Deleted		
89A	Computer Operator Grade I - [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	210.00
89B	Computer Operator Grade II - [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	185.00
90A	Irrigation Community Organaiser Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	200.00
90B	Irrigation Community Organaiser Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	165.00
95	Heatmaster Operator	Day	105.00
96	Raker	Day	105.00
97	Geological Assistant	Day	155.00
98	Stone & Crusher Operator	Day	110.00
99	Heavy Mazdoor	Day	110.00
	Electrical Workers		
100	Wireman Grade-I / Electrician Grade-I	Day	145.00
101	Wireman Grade-II / Electrician Grade-II	Day	135.00
102	Electrical Helper	Day	100.00
103	Lift Operator	Day	120.00
104	Laboratory Attendant	Day	90.00
105	Sound Service Operator	Day	100.00
106	Electrical Maistry	Day	155.00

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

ANNEXURE-II
II. RATES OF MATERIAL

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
A	BRICKS AND TILE PRODUCTS					
1	Second Class Table Moulded Chamber Burnt Bricks					
a	9" x 4 1/2" x 3"	1000 Nos.	2650.00	2650.00	2650.00	2650.00
b	9" x 4 3/8" x 2 3/4"	1000 Nos.	2580.00	2580.00	2580.00	2580.00
2	Second Class Ground Moulded Chamber Burnt Bricks					
a	9" x 4 1/2" x 3"	1000 Nos.	2310.00	2310.00	2310.00	2310.00
b	9" x 4 3/8" x 2 3/4"	1000 Nos.	2245.00	2245.00	2245.00	2245.00
3	Third Class Country Brick Kiln Burnt					
a	8 3/4" x 4 1/4" x 2 3/4"	1000 Nos.	1950.00	1950.00	1950.00	1950.00
b	8 3/4" x 4 1/4" x 2 1/4"	1000 Nos.	1530.00	1530.00	1530.00	1530.00
c	8 3/4" x 4 1/4" x 2 "	1000 Nos.	1470.00	1470.00	1470.00	1470.00
3A	Fly Ash Bricks					
a	230 x 110 x 70mm	1000 Nos.	2075.00	2075.00	2075.00	2075.00
4	Specially moulded country brick for well steining					
a	8 3/4" x 4 1/4" x 2"	1000 Nos.	870.00	870.00	870.00	870.00
b	Perforated bricks 19 x 9 x 9cm	1000 Nos.	1495.00	1495.00	1495.00	1495.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
c	Terrace bricks 15 x 7.5 x 2.5cm	1000 Nos.	385.00	385.00	385.00	385.00
8	Flat Tiles					
a	15cm x 15cm x 12mm	1000 Nos.	435.00	435.00	435.00	435.00
b	15cm x 15cm x 20mm	1000 Nos.	515.00	515.00	515.00	515.00
10	Brick Jelly					
a	40mm size	M3	260.00	260.00	260.00	260.00
b	20mm size	M3	280.00	280.00	280.00	280.00
11	Pressed Tiles					
a	20 x 20 x 2cm	1000 Nos.	4500.00	4500.00	4500.00	4500.00
b	23 x 23 x 2cm	1000 Nos.	6000.00	6000.00	6000.00	6000.00
12	Pan Tiles					
a	23cm x 8cm x 1.7cm	1000 Nos.	227.00	187.00	187.00	-
b	16.5cm x 8cm x 1.7cm	1000 Nos.	187.00	157.00	157.00	-
13	Best Mangalore Tiles					
a	I Class 'A'	1000 Nos.	5150.00	5360.00	5360.00	-
b	Class 'AA'	1000 Nos.	5465.00	5250.00	5250.00	-
c	Best Mangalore Ridge Tiles	1000 Nos.	15655.00	15655.00	15655.00	-
d	Best Mangalore Ceiling Tiles	1000 Nos.	3300.00	3300.00	3300.00	-

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
e	Best Mangalore Glass Roofing Tiles	Each	157.00	-	-	-
f	Best Mangalore Ventilating Tiles (Single)	Each	25.00	25.00	25.00	-
g	Best Mangalore Ventilating Tiles (Double)	Each	31.00	30.00	30.00	-
23A	Mosaic Flooring Tiles (Grey)					
a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	8240.00	8240.00	8240.00	8240.00
b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	5250.00	5250.00	5250.00	5250.00
23C	Mosaic (other Colour)					
a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	11330.00	11330.00	11330.00	11330.00
b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	6695.00	6695.00	6695.00	6695.00
c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	8240.00	8240.00	8240.00	8240.00
d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	12880.00	12880.00	12880.00	12880.00
24	Mosaic Chequered tile Grey colour size 25 x 25 x 2 cm	1000 Nos.	10300.00	10300.00	10300.00	10300.00
B	STONE AND ROAD MATERIALS					
27	Rough stone for masonry works (Hard Granite)	M3	230.00	230.00	230.00	230.00
28	Rough stone for revetment works	M3	200.00	200.00	200.00	200.00
29	Jeddy size for Revetment (Hard Granite)	M3	190.00	200.00	200.00	220.00
29a	Cut stone pillar of size 0.15 x 0.15 x 2.1M	Each	87.00	-	-	-

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
30	From boulders without blasting for revetment	M3	60.00	55.00	55.00	55.00
30a	From boulders without blasting for masonry	M3	87.00	66.00	66.00	64.00
32	Course Rubble stone for masonry works	M3	185.00	185.00	185.00	185.00
33	Course Rubble stone for Arch works	M3	200.00	200.00	200.00	200.00
33 (A) I	Chisel dressed stone 70cm x 30cm x 29cm	RM	92.00	92.00	92.00	92.00
II	Chisel dressed stone 37cm x 30cm x 29cm	RM	82.00	82.00	82.00	92.00
(B)	Hammer dressed stone 37cm x 30cm x 29cm	RM	60.00	60.00	60.00	64.00
34	Cutstone fully dressed to size on all faces	M3	3245.00	3140.00	3140.00	3270.00
35	Cut stone Roughly dressed	M3	2265.00	2265.00	2265.00	2265.00
36	Ashlar arch stone fully dressed to size all faces	M3	2490.00	2490.00	2490.00	2490.00
38	Flooring stone SS Size (Not less than 10cm thick)	M3	185.00	185.00	185.00	185.00
39 a	Stone slab for culvert (3 faces one line dressed) Above 1.2m	M3	2380.00	2380.00	2380.00	2380.00
b	Stone slab for culvert (3 faces one line dressed) Upto 1.2m	M3	2160.00	2060.00	2060.00	2060.00
40	Stone slab for culvert (3 faces two line dressed)	M3	2490.00	2650.00	2650.00	2060.00
41	For Lintel coping (3 faces two line dressed)	M3	2270.00	2650.00	2650.00	2490.00
42	Bond Stones	M3	315.00	315.00	315.00	315.00
43 a	Kilometre stone 1.65 x 0.45 x 0.15m	Each	230.00	190.00	190.00	190.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
44 a	Hecta metre stone 0.9x0.1x0.1m	Each	70.00	62.00	62.00	62.00
b	Hecta metre stone 0.75x0.23x0.1m	Each	130.00	130.00	130.00	130.00
c	Hecta metre stone 0.9x0.15x0.15m	Each	125.00	125.00	125.00	125.00
45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	60.00	60.00	60.00	60.00
b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	63.00	62.00	62.00	62.00
c	Demarcation Stone (two line dressed for top 30 cm) 76 x 23 x 23 cm	Each	40.00	40.00	40.00	40.00
d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	50.00	50.00	50.00	50.00
e	Demarcation Stone with letter cut 75 x 15 x 15 cm	Each	70.00	70.00	70.00	70.00
f	Edge Stone 45 x 15 x 15 cm	Each	32.00	32.00	32.00	-
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	80.00	80.00	80.00	80.00
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	58.00	58.00	58.00	58.00
46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	87.00	87.00	87.00	92.00
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	98.00	98.00	98.00	98.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
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	92.00	92.00	92.00	92.00
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	65.00	58.00	58.00	60.00
e	Guard Stone 23 cm dia 0.90cm long	Each	48.00	48.00	48.00	48.00
48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken					
i	HBGS Jelly 90 mm size	M3	210.00	210.00	210.00	210.00
ii	HBGS Jelly 80 mm size	M3	235.00	235.00	235.00	235.00
iii	HBGS Jelly 63 mm size	M3	270.00	270.00	270.00	270.00
iv	HBGS Jelly 50 mm size	M3	315.00	315.00	315.00	315.00
v	HBGS Jelly 40 mm size	M3	490.00	490.00	490.00	490.00
vi	HBGS Jelly 25 mm size	M3	420.00	420.00	420.00	420.00
vii	HBGS Jelly 20 mm size	M3	685.00	685.00	685.00	685.00
viii	HBGS Jelly 12 mm size	M3	630.00	630.00	630.00	630.00
ix	HBGS Jelly 10 mm size	M3	465.00	465.00	465.00	465.00
x	HBGS Jelly 6 mm size	M3	315.00	315.00	315.00	315.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
xi	HBGS Jelly 3 mm size	M3	285.00	285.00	285.00	285.00
49 A	Broken Stone from surface stone & boulders					
I	Broken Stone from surface stone & boulders 40 mm size	M3	43.00	43.00	43.00	43.00
ii	Broken Stone from surface stone & boulders 50 mm size	M3	38.00	38.00	38.00	38.00
iii	Broken Stone from surface stone & boulders 60 mm size	M3	33.00	33.00	33.00	33.00
iv	Broken Stone from surface stone & boulders 75 mm size	M3	30.00	30.00	30.00	30.00
49 b	Quartz metal					
I	Quartz metal 50 mm	M3	55.00	55.00	55.00	55.00
ii	Quartz metal 40 mm	M3	56.00	56.00	56.00	56.00
50 A	Labour charges for breaking 40mm metal from departmental blasted stones	M3	85.00	85.00	85.00	96.00
50 B	Labour charges for breaking 20mm metal from departmental blasted stones	M3	127.00	127.00	127.00	143.00
50 C	Labour charges for breaking 50mm metal from departmental blasted stones	M3	-	-	-	57.00
51	Soft Broken Stone					
I	Soft Broken Stone 63mm size	M3	35.00	43.00	43.00	-
ii	Soft Broken Stone 40mm size	M3	43.00	49.00	49.00	-
52	Laterite 40 to 75mm size	M3	55.00	43.00	43.00	-

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
53	Kankar 40 to 75mm size	M3	55.00	43.00	43.00	-
54	Soling stones unblasted 15cm cube	M3	65.00	65.00	65.00	-
54a	Soling stones blasted 15cm cube	M3	98.00	87.00	87.00	108.00
57	Gravel	M3	92.00	92.00	92.00	92.00
57A	Well Gravel	M3	82.00	82.00	82.00	82.00
57B	Screened Kankar Gravel	M3	60.00	60.00	60.00	60.00
58	Quarry Rubbish	M3	55.00	55.00	55.00	55.00
58A	Stone Dust	M3	70.00	70.00	70.00	70.00
58B	Pond Ash (wet / dry)	M3	54.00	54.00	54.00	54.00
59	Sand for Mortar	M3	110.00	110.00	110.00	110.00
60	Sand for Filling	M3				
62	Clay for Puddle & Masonry	M3	22.00	22.00	22.00	22.00
63 (i)	Cuddapah Slab 50mm Thick	M3	260.00	260.00	260.00	260.00
ii	Cuddapah Slab 38 / 40mm Thick	M3	250.00	250.00	250.00	250.00
iii	Cuddapah Slab 20 / 30mm Thick	M2	230.00	230.00	230.00	230.00
C	LIME & CEMENT MORTAR					
66	Shell lime (Slaked & Screened)	M3	810.00	760.00	705.00	810.00
67	Freshly Slaked & Screened Burnt Lime Stone	M3	595.00	335.00	345.00	595.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
68	Stone Lime or Lime Metal	M3	54.00	54.00	54.00	54.00
69	Cement Mortar					
I	Grinding Mortar (Special Grinding lime)	M3	87.00	87.00	87.00	87.00
ii	Grinding Mortar (Ordinary grinding lime)	M3	66.00	66.00	66.00	66.00
iii	Mixing Mortar - Cement by manual	M3	27.00	27.00	27.00	27.00
iv	Mixing Mortar - Cement by Machine Mixing	M3	38.00	38.00	38.00	38.00
	D.Timber and Roofing Materials					
71	TW Scantlings (over 3m for joist and rafters) - Malabar	M3	71900.00	71000.00	71000.00	64900.00
72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	M3	71900.00	71000.00	71000.00	64900.00
73	TW Scantlings (over 2m & below 3m in length) - Malabar	M3	68700.00	68700.00	68700.00	64900.00
74	TW Scantling (below 2m in length) - Malabar	M3	60000.00	61100.00	61100.00	60350.00
75 (I)	TW Planks (Over 45cm wide & 12mm Thick)	M3	75700.00	75700.00	75700.00	75700.00
ii	TW Planks (30 - 45cm wide & 12mm Thick)	M3	70300.00	70300.00	70300.00	70300.00
iii	TW Planks (30 - 45cm wide & 12 - 25 mm Thick)	M3	67050.00	67050.00	67050.00	67050.00
iv	TW Planks (30 - 45cm wide & 25 - 40 mm Thick)	M3	64350.00	64350.00	64350.00	64350.00
v	TW Planks (15 - 30cm wide & 12mm Thick)	M3	62700.00	62700.00	62700.00	62700.00
vi	TW Scantling (15 - 30cm wide & 12-25mm Thick)	M3	59500.00	59500.00	59500.00	59500.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
vii	TW Planks (15 - 30cm wide & 25- 40mm Thick)	M3	58400.00	58400.00	58400.00	58400.00
viii	TW Planks (Upto 15cm wide & 12mm Thick)	M3	57300.00	57300.00	57300.00	57300.00
ix	TW Planks (Upto 15cm wide & 12-25mm Thick)	M3	57300.00	57300.00	57300.00	57300.00
xiii	TW Planks (Upto 15cm wide & 25-40mm Thick)	M3	54100.00	54100.00	54100.00	54100.00
76	Teak wood Reepers					
I	TW Reepers 50 x 25mm	RM	48.00	48.00	48.00	48.00
ii	TW Reepers 50 x 12mm	RM	38.00	38.00	38.00	38.00
77	Country Wood Scantling					
I	CW Scantling (upto 4m in length)	M3	21600.00	21600.00	21600.00	21600.00
ii	CW Scantling (over 4m in length)	M3	22700.00	22700.00	22700.00	22700.00
77A	CW Scantling (for tie beams & Principal rafters for trusses)	M3	22700.00	22700.00	22700.00	22700.00
77B	Jack wood Scantlings (upto 4 m)	M3	23800.00	23800.00	23800.00	23800.00
77D	Silver oak Scantlings	M3	9850.00	9850.00	9850.00	9850.00
78	Country Wood Planks					
I	CW Planks (upto 30cm wide-40mm thick)	M3	24850.00	24850.00	24850.00	24850.00
ii	CW Planks (upto 30cm wide-25mm thick)	M3	24850.00	24850.00	24850.00	24850.00
iii	CW Planks (over 30cm wide-40mm thick)	M3	24850.00	24850.00	24850.00	24850.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
iv	CW Planks (over 30cm wide-25mm thick)	M3	24850.00	24850.00	24850.00	24850.00
78A	JW Planks (25mm-40mm thick)	M3	26000.00	26000.00	26000.00	26000.00
78B	Silver Oak Plank (40mm thick)	M3	11250.00	11250.00	11250.00	11250.00
78C	Bluegum Plank	M3	11450.00	11450.00	11450.00	11450.00
79	Country Wood Reepers					
i	CW Reepers (50 x 25mm)	RM	22.00	22.00	22.00	22.00
ii	CW Reepers (50 x 12mm)	RM	16.00	16.00	16.00	16.00
80	Mango plank	M3	10700.00	10700.00	10700.00	10700.00
81	Palmyrah rafter (50 - 60mm wide & 125mm depth)	RM	27.00	30.00	30.00	31.00
a	Palmyrah Leaves	100 Nos.	165.00	165.00	165.00	165.00
b	Palmyrah Leaves (Labour for cutting)	100 Nos.	26.00	26.00	26.00	26.00
90	Casurina poles					
a	Casurina poles 13cm - 15cm dia	RM	21.00	21.00	21.00	21.00
b	Casurina poles 10cm - 13cm dia	RM	16.00	16.00	16.00	16.00
c	Casurina poles 8cm - 10cm dia	RM	12.50	12.50	12.50	12.50
d	Casurina poles 5cm - 8cm dia	RM	10.50	10.50	10.50	10.50
90.1	Eucalyptus Poles					

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
a	13cm to 15cm dia	1m	21.00	21.00	21.00	21.00
b	10cm to 13cm dia	1m	15.50	15.50	15.50	15.50
c	8cm to 10cm dia	1m	12.50	12.50	12.50	12.50
d	5cm to 8cm dia	1m	10.50	10.50	10.50	10.50
e	below 5cm	1m	9.50	9.50	9.50	9.50
90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	1m	7.50	7.50	7.50	7.50
91	Casurina Bullies 4cm - 5cm dia & cross ties	RM	8.50	8.50	8.50	8.50
92	Bamboo Large (10cm dia and above)	RM	7.50	7.50	7.50	7.50
93	Bamboo (7.5cm - 10cm dia)	RM	6.50	6.50	6.50	6.50
	E.Metal and Iron works					
111	Mild steel plates or sheets BG 10	Kg	34.00	34.00	34.00	34.00
112	Mild steel Angles 25 x 25 x 3 mm	Kg	34.00	34.00	34.00	34.00
113	Binding wire (Black 18 G)	Kg	33.00	33.00	33.00	33.00
113 b	Binding wire (Galvanised-18 G)	Kg	38.00	38.00	38.00	38.00
114	G.I. Sheets 30cm wide and 1.6 mm Thick	M2	320.00	320.00	320.00	320.00
121	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	13.00	13.00	13.00	13.00
125	Iron works for trusses & record racks (labour only)	Kg	12.00	12.00	12.00	12.00

Sl. No.	Description of Material	Unit	Rate approved for the year 2007-2008			
			North Zone	Central Zone	South Zone	West Zone
125A	Supplying & fixing mild steel grills for windows, ventilators, etc., including priming coat.	Kg	42.00	42.00	42.00	42.00
126 I	Weld mesh 7.5 x 2.5cm. 10 Gauge	M2	225.00	225.00	225.00	225.00
ii	Weld mesh 7.5 x 5cm. 10 Gauge	M2	200.00	200.00	200.00	200.00
iii	Weld mesh 10 x 10cm. 10 Gauge	M2	110.00	110.00	110.00	110.00
127	Fixing M.S.Rods round / square for windows	Kg	7.00	7.00	7.00	7.00
128	Fixing Iron bars in windows and ventilators	Kg	7.00	7.00	7.00	7.00
129	Chicken mesh	M2	25.00	25.00	25.00	25.00
130	Fly proof mesh	M2	70.00	70.00	70.00	70.00

NOTE:

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


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

17/04/07

ANNEXURE-III
III. RATES OF WORKS

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
	A. Clearing the Site		
1	Clearing Heavy Jungle	M ²	2.00
2	Clearing Light Jungle	M ²	1.50
3	Clearing Scrub Jungle	M ²	1.40
4	Uprooting & removing large palmyrah / coconut stumps	Each	38.00
5	Uprooting & removing small palmyrah / coconut stumps	Each	27.00
9	Removing weeds in channel and drain	M ²	0.60
9C	Cleaning Juliflora jungle with uprooting	M ²	2.20
9D	Cleaning Juliflora jungle without uprooting	M ²	1.70
	B. Dismantling		
	Dismantling, clearing away and carefully stacking materials useful for re-use for any thickness of walls		
10	Brick / stone in clay walls under 3m high	M ²	16.00
11	Brick / stone in clay walls, add for every additional 3m or part there of over the initial height of 3m	M ³	5.40
11A	Mud / sun dried brick walls under 3m high	M ³	10.80
11B	Mud / sun dried brick walls, add for every additional 3m or part there of over the initial height of 3m	M ³	3.20
12	Brick/ stone masonry in lime mortar walls under 3m high	M ³	49.00
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	5.50
14	Brick / stone masonry in Cement mortar walls under 3m high	M ³	60.00
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	6.50
16	Terracing work in roof or floor	M ³	16.30
17	Flag stone in roof or floor including lifting	Each	8.70

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
18	Cut stone slab over culverts upto 3.3m height below G.L	M ³	250.00
19	Cut stone slab over culverts over 3.3m height below G.L	M ³	260.00
20	Removal of cut stone slabs & RCC slabs	M ³	110.00
21	Removing & refixing cut stone slabs	M ³	270.00
22	Refixing cut stone slab	M ³	120.00
23	Pantile or Mangalore tiled roof without roof timbers	M ²	4.40
24	Flat & pan tiles or Manglore tile over flat tiles, with out roof timbers	M ²	6.00
25	AC sheet roofing without roof timbers	M ²	4.00
26	Corrugated iron sheet roofing with pan tiles over, without roof timbers	M ²	6.50
27	Old thatched roof, including tying materials into small bundles for reuse.	M ²	2.00
28	Wrought & putup framed timbers in roofs / floors	M ³	157.00
29	Doors & windows including removal of frames, hinges and fastenings	M ²	32.50
32	Dry stones apron or revetment, stacking within 40m lead	M ³	28.00
33	Grouted stones apron or revetment, stacking within 40m lead	M ³	32.50
34	Dry stone masonry walls	M ³	23.80
36	Dismantling lime concrete	M ³	76.00
37	Dismantling plain Cement concrete	M ³	103.00
38	Dismantling RCC	M ³	1565.00
38A	Chipping of concrete & roughening the surface	M ²	8.70
38B	Pressed tiles & weathering course	M ²	10.00
38C	One course of pressed tile roof finish in Cement Mortar	M ²	5.60
38D	One course of terrace bricks roof finish in Cement mortar	M ²	6.60
38E	Two course of flat tiles roof finish in cement mortar	M ²	6.50

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	M ²	13.50
38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	M ²	13.00
C. Quarrying and Blasting			
39	Hard rock measured in solid including blasting & stacking	M ³	185.00
39A	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	M ³	370.00
40A	Mediun rock and dense medium rock requiring blasting	M ³	95.00
42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	M ³	2.30
42B	Extra for every additional 1m lead or part thereof over the initial lift of 2m for blasted materials	M ³	2.40
44	Benching, hard rock upto an average 10 cm depth	M ²	180.00
46	Drilling holes in hard granite 40mm diameter	RM	60.00
46A	Drilling holes in hard granite 45mm diameter	RM	70.00
47	Drilling holes in hard granite 50mm diameter	RM	83.50
48	Drilling holes in hard granite 75mm diameter	RM	95.00
49	Drilling holes in hard granite 32mm diameter	RM	51.50
D. Earth Work			
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 exccavated earth SS.20.A	M ³	19.00

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
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	17.50
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	21.80
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	4.50
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	5.50
50D	Sectioning during forming bunds when earth moving machineries, lorries and rollers are used for consolidation.	M ³	3.40
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.	M ³	28.00
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	M ³	26.00

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
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	39.00
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	61.50
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	68.50
76	Extra for every additional 10 metre lead or part thereof over the initial lead	M ³	3.30
77	Extra for every additional 1 metre lift or part thereof over the initial lift	M ³	2.70
78	Breaking clods, consolidating and sectioning	M ³	1.70
78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	M ³	5.00
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,		
A	By hand roller	M ³	5.50
B	By power roller including hire charges	M ³	9.20
80	Benching Old Embankment Slopes 45cm x 45cm	M ³	1.20
81	Puddle wall work	M ³	43.50
82A	Turfing in slopes including watering and fixing with initial lead upto 50m	M ³	9.20
84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	M ³	8.20
85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	M ³	9.20

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
E.OPEN WELL EXCAVATION			
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	17.50
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 earthmixed with small size boulders and hard gravelly soil - First depth of 2 metre	M ³	26.00
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	40.00
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	65.00
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	98.00
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	190.00
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	27.00

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	M ³	38.00
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	38.00
	F.RATE FOR EARTHWORK DEPLOYING MACHINERIES		
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	31.45
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	2.60
2	Earth work deploying earth moving machineries for desilting channel and forming bund on either side and depositing the earth on banks including jungle clearance etc complete		
a	having width up to 3m	M ³	18.65
b	having width of 3m -10m	M ³	22.70
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	26.45

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
	LIFT CHARGES - Concrete - Brick or Stone Masonry above or below Ground Level		
A	Concrete, above ground level		
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	27.80
2	Add for works in every upper floor over the rate of preceeding floor	M ³	55.50
B	Brick or Stone Masonry above GL		
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	18.50
2	Add for works in every upper floor over the rate of preceeding floor	M ³	37.00
	STATEMENT II		
A	Concrete, Below ground level		
1	Add the basic rate for works above 1.50m depth and upto 4.5m depth below ground level	M ³	27.50
2	Add the basic rate for works above 4.50m depth and upto 9m depth below ground level	M ³	55.00
3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	M ³	55.00
B	Brick or Stone Masonry below GL		
1	Add the basic rate for works above 1.50m depth and upto 4.50m depth below GL	M ³	18.50
2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	M ³	37.00
3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	M ³	37.00
	Concrete Vibrators		
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	16.50

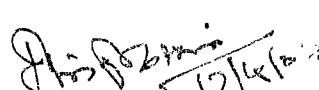
Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
2	Where vibrators are specified for consolidation in RCC, this rate per Cu.M over and above the provision made in the standard data book for consolidation with manual labour may be allowed.	M ³	22.00
	G. Scaffolding, Centering, etc.,		
156 A	Scaffolding Charges for Plastering for Repair Works only. 4m to 6m above Ground Level	M ²	0.75
156B	Scaffolding Charges for Plastering for Repair Works only. 6m to 10m above Ground Level	M ²	1.00
156C	Scaffolding Charges for Plastering for Repair Works only over 10m above Ground Level	M ²	1.35
156D	Scaffolding Charges for White or Colour Washing for Repair Works only. 4m to 6m above Ground Level	M ²	0.65
156E	Scaffolding Charges for White or Colour Washing for Repair Works only. 6m to 10m above Ground Level	M ²	0.85
156F	Scaffolding Charges for White or Colour Washing for Repair Works only over 10m above Ground Level	M ²	1.20
156G	Scaffolding Charges for Painting for Repair Works only. 4m to 6m above Ground Level	M ²	0.40
156H	Scaffolding Charges for Painting for Repair Works only. 6m to 10m above Ground Level	M ²	0.45
156 I	Scaffolding Charges for Painting for Repair Works only over 10m above Ground Level.	M ²	0.65
	H. Plastering		
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	2.30
319	Clean removal of lime plaster from walls	M ²	1.80
320	Clean removal of Cement plaster from walls	M ²	1.95
321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	M ²	2.50
	I. White Washing, Colour Washing & Distempering		
338	Thorough scrapping of old plastered surface	M ²	1.15

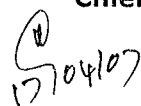
Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	M ²	1.35
	J. Painting, Wood oiling, Tarring, Varnishing, Bee's waxing Etc.,		
357	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	M ²	8.20
357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	M ²	3.55
357B	Removing paint from doors, windows & wood works by manual labour	M ²	2.40
357C	Removing old paint from structural steel by blow lamp or sand paper	M ²	5.00
357 D	Scrapping and removing old paint from structural steel by manual labour	M ²	2.25
357 E	Removing old paint from iron surface with sand paper	M ²	2.20
357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	M ²	4.85
	K. Miscellaneous		
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	2.20
369 B(i)	Driving piles up to 15 cm dia in river bed	1 RM	6.50
(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	5.50
(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	1 RM	5.50
	L. River Conservancy of Korambu Works		
375A	Brush wood bundles one metre girth and one metre long within an initial lead of 1.6 K.M.	one bundle	1.20

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
375B	Extra for every additional lead of 1.6K.M (for the above item)	one bundle	0.15
378A	Driving casurina piles into bed including scaffolding etc., complete	RM	2.75
378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	3.70
	M. Cuting and Threading of G.I.Pipe		
1	15 mm dia G.I. Pipe Cutting	Each	2.30
	15 mm dia G.I. Pipe Threading	Each	3.30
2	20 mm dia G.I. Pipe Cutting	Each	2.30
	20 mm dia G.I. Pipe Threading	Each	3.30
3	25 mm dia G.I. Pipe Cutting	Each	2.80
	25 mm dia G.I. Pipe Threading	Each	6.70
4	32 mm dia G.I. Pipe Cutting	Each	3.30
	32 mm dia G.I. Pipe Threading	Each	9.00
5	40 mm dia G.I. Pipe Cutting	Each	4.40
	40 mm dia G.I. Pipe Threading	Each	10.00
6	50 mm dia G.I. Pipe Cutting	Each	5.60
	50 mm dia G.I. Pipe Threading	Each	11.20
7	65 mm dia G.I. Pipe Cutting	Each	6.10
	65 mm dia G.I. Pipe Threading	Each	13.40
8	80 mm dia G.I. Pipe Cutting	Each	7.80
	80 mm dia G.I. Pipe Threading	Each	16.80
9	100 mm dia G.I. Pipe Cutting	Each	11.20
	100 mm dia G.I. Pipe Threading	Each	22.40
	N. Labour Wrought and Put-up for Doors, Windows & Ventilators		
1	Labour wrought and put up in position frames inclusive of fixing holdfasts for doors, windows and ventilators etc.,	M ³	3185.00

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
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	360.00
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	300.00
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	335.00
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	280.00
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	190.00
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	335.00
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	360.00

Sl. No.	Description of Work	Unit	Common rate approved for the year 2007-2008
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	190.00
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	300.00
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	280.00
19	Labour charges for fixing doors, alongwith frames in position etc., complete (finished work)	M ²	54.00
20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	M ²	68.00
21	Labour wrought and put up in position Flush shutters for Single leaf shutter	M ²	50.00
	Double leave shutters	M ²	78.00
22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	M ²	180.00
23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x 0.075m)	M ²	250.00


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


 17/04/07

ANNEXURE-IV
IV. RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD FOR THE YEAR 2007-2008

Sl. No.	Description of Material	Unit	LEAD		LIFT
			Above 10 m and upto 100 m	Add extra for every additional 100 m or part thereof	
			4	5	Add extra for every 1 m height or part thereof for more than 2 m lift 6
1	2	3			
1	Rough Stone, Broken Stone, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantling, Wooden Plank	Cum.	30.00	12.50	3.35
2	Lime, Lime Stone, Broken Laterite, Brick Jelly, Coke, Earth, Sand Gravel, Surki, Pond Ash (Wet & Dry)	Cum.	16.00	12.50	2.50
3 a	Mangalore Tiles	1000 Nos.	32.50	16.40	4.20
b	Machine Pressed Tiles	2000 Nos.	32.50	16.40	4.20
c	Hydraulic Pressed Mosaic Tiles	1500 Nos.	32.50	16.40	4.20
d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	32.50	16.40	4.20
e	Bricks	1000 Nos.	32.50	16.40	4.20
4	Cement, AC Sheet, Bitumen, Asphalt, Tar and Pitch	MT	30.00	16.40	3.35
5	Steel	MT	50.00	20.00	4.20

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

[Signature]
for Engineer-in-Chief, WRO &
Chief Engineer (General), PWD.,
Chepauk, Chennai-5.

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17/04/07

ANNEXURE-V

V. CONVEYANCE TABLE

A. RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN PLAINS FOR THE YEAR 2007-2008

Sl. 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	2	3	4	5	6	7	8
1	Co-efficient	1.00	1.10	1.60	1.35	1.80	2.25
2	Add for every extra 1 Km and part thereof.....						
a	0 - 10 Km.	3.50	3.85	5.60	4.75	6.30	7.90
b	10 - 20 Km.	2.90	3.20	4.65	3.90	5.20	6.55
c	20 - 40 Km.	2.50	2.75	4.00	3.40	4.50	5.65
d	40 - 80 Km.	2.00	2.20	3.20	2.70	3.60	4.50
e	Above 80 Km.	1.75	1.95	2.80	2.35	3.15	3.95
4	Loading Charges	40.00	20.40	14.00	18.80	18.80	18.80
5	Unloading Charges	40.00	20.40	14.00	18.80	18.80	18.80
6	Add above extra for inter state works	8.50	9.35	13.60	11.50	15.30	19.10

Note

1	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)].
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 blasted rock through lorries, the rates provided are for the volume with voids.
6	For all materials which finds place in Column, 3,4,5,6,7 and 8 above, necessary incidental charges, loading charges and unloading charges have been included already under their cost furnished below the head "Rates of Materials" if self. Hence, no separate incidental charges, loading and unloading charges shall be allowed for the above materials.

V. CONVEYANCE TABLE
B. RATES FOR CONVEYANCE OF MATERIALS BY ROAD ON HILLS FOR THE YEAR 2007-2008

Sl. 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	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.	7.00	7.70	11.20	9.45	12.60	15.75
b	10 - 20 Km.	5.80	6.40	9.30	8.70	10.45	13.05
c	20 - 40 Km.	5.00	5.50	8.00	6.75	9.00	11.25
d	40 - 80 Km.	4.00	4.40	6.40	6.00	7.20	9.00
e	Above 80 Km.	3.50	3.85	5.60	4.75	6.30	7.90

Note

1/ 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)].

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 blasted rock through lorries, the rates provided are for the volume with voids.

6 For all materials which finds place in Column, 3,4,5,6,7 and 8 above, necessary incidental charges, loading charges and unloading charges have been included already under their cost furnished below the head "Rates of Materials" if self. Hence, no separate incidental charges, loading and unloading charges shall be allowed for the above materials.

[Signature]
for Engineer-in-Chief, WRO &
Chief Engineer (General), PWD.,
Chepauk, Chennai-5.
[Signature]
17/04/07