

**Government of Tamil Nadu
Public Works Department**

2002 – 2003

Standard Schedule of Rates
(FOR BASIC ITEMS ONLY)

RATES OF LABOUR

Sl.No.	DESCRIPTION	UNIT	RECOMMENDATION FOR THE YEAR 2002-03			
			NORTH ZONE	CENTRAL ZONE	SOUTH ZONE	WEST ZONE
			For the works in Chennai, Kancheepuram, Dharmapuri, Tiruvellore, Vellore, Tiruvannamalai, Cuddalore and Villupuram Districts (in Rupees)	For the works in Trichy, Karur, Ariyalur, Perambalur, Pudukottai, Thanjavur, Tiruvarur and Nagapattinam Districts (in Rupees)	For the works in Madurai, Dindigul, Theni, Tirunelveli, Kanyakumari, Thoothukudi, Sivagangai, Virudhunagar and Ramanathapuram Districts (in Rupees)	For the works in Coimbatore, Nilgiris, Erode, Salem and Namakkal Districts (in Rupees)
1	2	3	4	5	6	7
2	Axe Mazdoor	Day		82.00		
4	Blacksmith - I st Class	Day		108.00		
4A	Blacksmith - II nd Class	Day		97.00		
5	Boat Mazdoor	Day		92.00		
8	Bullocks pair with driver (with bandy)	Day		164.00		
8A	Bullocks single with driver (with bandy)	Day		123.00		
11	Carpenter - I st Class	Day		144.00		
12	Carpenter - II nd Class	Day		123.00		
13	Caulker	Day		87.00		
15	Cleaner - First Grade	Day		72.00		
15A	Cleaner - Second Grade	Day		67.00		
18	Ferry Mazdoor	Day		92.00		
19	Fitter - I st Class	Day		103.00		
19A	Fitter II nd Class	Day		95.00		
20	Fitter (Pipe Laying or Bar bending) - I st Class	Day		103.00		
20A	Fitter (Pipe Laying or Bar bending) - II nd Class	Day		92.00		
21	Floor Polisher	Day		103.00		
22	Gardener	Day		77.00		

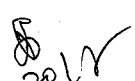
1	2	3	4	5	6	7
25	Hammer Mazdoor	Day		87.00		
26	Head Mazdoor for Well Sinking	Day		92.00		
27	Driver (Light Duty)	Day		108.00		
27A	Driver (Heavy Duty)	Day		113.00		
28	Jumber Mazdoor	Day		82.00		
36	Maistry, Road Inspector & Work Inspector	Day		103.00		
36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day		108.00		
37	Mason for Brick Work - I st Class	Day		144.00		
37A	Mason for Brick Work - II nd Class	Day		123.00		
38	Mason for Stone Work - I st Class	Day		144.00		
38A	Mason for Stone Work - II nd Class	Day		123.00		
39A	Mazdoor (Category - I)	Day		82.00		
39B	Mazdoor (Category - II)	Day		77.00		
39C	Head Mazdoor	Day		87.00		
40	Mechanic - I st Class	Day		108.00		
40A	Mechanic - II nd Class	Day		99.00		
42	Mopla - I st Class	Day		108.00		
42A	Mopla - II nd Class	Day		98.00		
43	Navagonies or Javali Man - I st Class	Day		92.00		
44	Painter / Varnisher - I st Class	Day		111.00		
44A	Painter / Varnisher - II nd Class	Day		103.00		
46	Pile Driver	Day		87.00		
47	Plumber I st Class	Day		113.00		
47A	Plumber II nd Class	Day		103.00		
48	Pump Driver	Day		92.00		

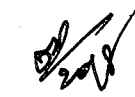
1	2	3	4	5	6	7
52	Sawyer	Day		103.00		
54	Smith I st Class	Day		108.00		
54A	Smith II nd Class	Day		101.00		
55	Sprayer Mazdoor (for bitumen, tar etc.,)	Day		82.00		
56	Stone Cutter - I st Class	Day		113.00		
56A	Stone Cutter - II nd Class	Day		103.00		
57	Sweeper	Day		62.00		
58	Syrang - I st Class	Day		113.00		
58A	Syrang - II nd Class	Day		97.00		
60	Thatcher	Day		82.00		
62	Tinker - I st Class	Day		82.00		
62A	Tinker - II nd Class	Day		79.00		
63	Turner - I st Class	Day		97.00		
63A	Turner - II nd Class	Day		92.00		
64	Time Keeper Ist Class	Day		99.00		
64A	Time Keeper II nd Class	Day		91.00		
67	Welder / Bracer - I st Class	Day		113.00		
67A	Welder / Bracer - II nd Class	Day		103.00		
68	Well Diver for removing silt - I st Class	Day		103.00		
68A	Well Diver for removing silt - II nd Class	Day		92.00		
69	Well Sinker - I st Class	Day		108.00		
69A	Well Sinker - II nd Class	Day		97.00		
70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day		113.00		
72	Wodder	Day		87.00		
75	Gurkha - Watchman	Day		82.00		
	Technical Assistant					
76A	Technical Assistant - Grade I (B.E. Passed)	Day		185.00		

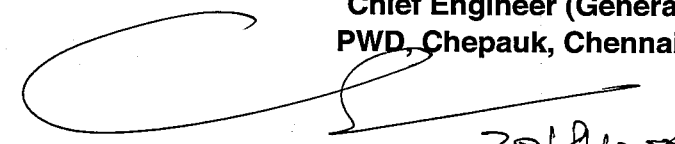
1	2	3	4	5	6	7
76B	Technical Assistant - Grade II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day		164.00		
76C	Technical Assistant - Grade III (Diploma in Engg. Failed / I.T.I Passed in certain Technical subjects)	Day		144.00		
76D	Cinema Operator (I.T.I. Passed)	Day		108.00		
76E	B.Sc., (Agriculture) Passed	Day		154.00		
77A	Laboratory Assistant - Grade I (Post Graduate in Science)	Day		128.00		
77B	Laboratory Assistant - Grade II (Degree in Science / Degree in Geology for Ground water	Day		113.00		
77C	Laboratory Assistant - Grade III (With Degree Qualification to work as works clerk)	Day		103.00		
78A	Mazdoor employed for Geological mapping	Day		82.00		
78B	Mazdoor employed for Pitting trenching, Sampling and Drilling works.	Day		82.00		
78C	Mazdoor employed for Geophysical investigation works.	Day		82.00		
78D	Head Mazdoor to Supervise exploratory works	Day		87.00		
79	Mixer including concrete mixer operator (Drum Mixer)	Day		82.00		
80	Mixer Driver	Day		82.00		
81	Compressor Operator	Day		82.00		

1	2	3	4	5	6	7
84	Watchman	Day		72.00		
89A	Computer Operator Grade I - B.E. (Computer Science) / M.Sc., (Computer Science)	Day		185.00		
89B	Computer Operator Grade II - B.Sc. (Computer Science)	Day		164.00		
89C	Computer Operator Grade III - Diploma in Computer Science	Day		144.00		
90A	Irrigation Community Organaiser Grade I B.E. (Agri) Passed / B.Sc. (Agr) Passed / P.G. (Geology) & Rural / Development.	Day		164.00		
90B	Irrigation Community Organaiser Grade II B.E. (Agri) Failed / B.Sc. (Agr) Failed / Diploma in Agri Passed	Day		144.00		
95	Heatmaster Operator	Day		87.00		
96	Raker	Day		87.00		
97	Geological Assistant	Day		144.00		
98	Stone & Crusher Operator	Day		87.00		
99	Heavy Mazdoor	Day		97.00		


20/8
HDO - I


Chief Engineer, WRO, DRCS, PWD,
Chepauk, Chennai-5.


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


Special Secretary, Finance
Department, Secretariat, Chennai, 9

RATES OF MATERIAL

1	2	3	4	5	6	7
	A. BRICKS AND TILE PRODUCTS					
1	Second class Table moulded Chamber burnt bricks					
a	9" x 4 1/2" x 3"	1000 Nos.	1785.00	1785.00	1785.00	1785.00
b	9" x 4 3/8" x 2 3/4"	1000 Nos.	1835.00	1835.00	1835.00	1835.00
2	Second class ground moulded chamber burnt bricks					
a	9" x 4 1/2" x 2 1/2" 3"	1000 Nos.	1635.00	1635.00	1635.00	1685.00
b	8 3/4" x 4 3/8" x 2 3/4"	1000 Nos.	1585.00	1535.00	1535.00	
3	Third class Country brick kiln burnt					
	8 3/4" x 4 1/4" x 2 3/4" ✓	1000 Nos.	1380.00	1380.00	1380.00	
3A	Fly Ash Bricks					
a	230x110x75mm	1000	1500.00			
b	230x110x72mm	1000	1400.00			
4	Specially moulded country brick for well steining					
a	8 3/4" x 4 1/4" x 2"	1000	840.00			
b	Perforated bricks 19x9x9cm	1000	1450.00			
c	Terrace bricks 15x7.5x2.5cm	1000	370.00	370.00	370.00	370.00
8	Flat Tiles					
	15cmx15cmx12mm	1000	420.00			
	15cmx15cmx20mm	1000	500.00			
10	Brick Jelly					
a	40 m m size	M ³	220.00	220.00	220.00	220.00
b	25m m size	M ³				
c	20 m m size	M ³	240.00	240.00	240.00	240.00
11	Pressed Tiles					
a	20x20x2cm	1000	3550.00	3550.00	3550.00	3550.00
b	23x23x2cm	1000	4250.00	4250.00	4250.00	4250.00
12	Pan Tiles					

8 3/4" x 4 1/4" x 2 1/4" 1000 1300.00 1300.00 1300.00 1300.00
 8 3/4" x 4 1/4" x 2 1000 1250.00 1200.00 1250.00 1250.00

1	2	3	4	5	6	7
a	23 cm x 8 cm x 1.7 cm	1000	220.00	180.00	180.00	
b	16.5 cm x 8 cm x 1.7 cm	1000	180.00	150.00	150.00	
13	Best Manglore Tiles					
a	1 st class 'A'	1000	5000.00			
b	Class 'AA'	1000	5300.00	5100.00	5100.00	
c	Best Manglore Ridge Tiles	1000	15200.00	15200.00	15200.00	
d	Best Manglore Ceiling Tiles	1000	3200.00	3200.00	3200.00	
e	Best Manglore Glass Roofing Tiles	Each	150.00			
f	Best Manglore Ventilating Tiles (Single)	Each	25.00	24.50	24.50	
g	Best Manglore Ventilating Tiles (Double)	Each	30.00	29.00	29.00	
23A	Mosaic Flooring Tiles (Grey)					
a	Mosaic (Grey) Tile 25x25x2 cm	1000	8000.00	8000.00	8000.00	8000.00
b	Mosaic (Grey) Tile 20x20x2 cm	1000	5100.00	5100.00	5100.00	5100.00
23C	Mosaic (other Colour)					
a	Mosaic (other colour) Tile 25x25x2 cm	1000	11000.00	11000.00	11000.00	11000.00
b	Mosaic (other colour) Tile 20x20x2 cm	1000	6500.00	6500.00	6500.00	6500.00
c	Mosaic (Green) Tile 20x20x2 cm	1000	8000.00	8000.00	8000.00	8000.00
d	Mosaic (Green) Tile 25x25x2 cm	1000	12500.00	12500.00	12500.00	12500.00
24	Mosaic Chequered tile Grey colour size 25 x 25 x 2 cm	1000	10000.00	10000.00	10000.00	10000.00
B	<u>STONE AND ROAD MATERIALS</u>					
27	For stone masonry works (hard Granite)	M ³	160.00	160.00	160.00	180.00
28	For stone revetment works	M ³	140.00	150.00	150.00	170.00
29	Jeddy size for Revetment (Hard Granite)	M ³	150.00	160.00	160.00	180.00
29a	Cut stone pillar of size 0.15x0.15x2.1M	Each	80.00			
30	From boulders without blasting for revetment	M ³	55.00	50.00	50.00	50.00

1	2	3	4	5	6	7
30a	From boulders without blasting for masonry	M ³	80.00	60.00	60.00	59.00
32	Course Rubble stone for masonry works	M ³	170.00	170.00	170.00	170.00
33	Course Rubble stone for Arch works	M ³	185.00	185.00	185.00	185.00
33(A) I	Chisel dressed stone 70cmx30cmx29cm	RM	85.00	85.00	85.00	85.00
II	Chisel dressed stone 37cmx30cmx29cm	RM	75.00	75.00	75.00	85.00
(B)	Hammer dressed stone 37cmx30cmx29cm	RM	55.00	55.00	55.00	59.00
34	Cut stone fully dressed to size on all faces	M ³	3000.00	2900.00	2900.00	3024.00
35	Cut stone Roughly dressed	M ³	2100.00	2100.00	2100.00	2100.00
36	Ashlar arch stone fully dressed to size all faces	M ³	2300.00	2300.00	2300.00	2300.00
38	Flooring stone SS Size (Not less than 10 cm Tk)	M ³	170.00	170.00	170.00	170.00
39 a	Stone slab for culvert(3 faces, one line dressed) Above 1.2 m	M ³	2200.00	2200.00	2200.00	2200.00
b	Stone slab for culvert(3 faces, one line dressed) Upto 1.2 m	M ³	2000.00	1900.00	1900.00	1900.00
40	Stone slab for culvert(3 faces, two line dressed)	M ³	2300.00	2450.00	2450.00	1900.00
41	For Lintel coping(3 faces, two line dressed)	M ³	2100.00	2450.00	2450.00	2300.00
42	Bond Stones	M ³	200.00	250.00	250.00	250.00
43 a	Kilometre stone 1.65x0.45x0.15m	Each	210.00	175.00	175.00	175.00
44 a	Hecta metre stone 0.9x0.1x0.1m	Each	65.00	57.00	57.00	57.00
b	Hecta metre stone 0.75x0.23x0.1m	Each	120.00	120.00	120.00	120.00
c	Hecta metre stone 0.9x0.15x0.15m	Each	115.00	115.00	115.00	115.00

1	2	3	4	5	6	7
45 a	Demarcation - Stone (two line dressed for top 30 cm) 75x15x15 cm	Each	55.00	55.00	55.00	55.00
b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	58.00	57.00	57.00	57.00
c	Demarcation Stone (two line dressed for top 30 cm) 76x23x 23 cm	Each	38.00	38.00	38.00	38.00
d	Demarcation Stone (two line dressed for top 30 cm) 90x15x15 cm	Each	47.00	47.00	47.00	47.00
e	Demarcation Stone with letter cut, 75x15x15cm	Each	65.00	65.00	65.00	65.00
f	Edge Stone 45x15x15 cm	Each	29.00	29.00	29.00	
g(i)	T.R.S. Bench mark stone - neatly dressed ^{neatly dressed} the exposed surface to a height of 15 cm including cutting letters 15x15x60cm	Each	74.00	74.00	74.00	74.00
g(ii)	T.R.S. Bench mark stone - neatly dressed ^{neatly dressed} the exposed surface to a height of 15 cm including cutting letters 10x10x25cm	Each	53.00	53.00	53.00	53.00
46 a	Guard Stone (Top line dressed top 45 cm) 23 cm dia 1.0m long	Each	80.00	80.00	80.00	85.00
b	Guard Stone (Top 0.7 m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 1.20m long. Two line dressed top 45 cm) 23 cm dia 1.0M long	Each	90.00	90.00	90.00	90.00
c	Guard Stone (Top 0.7 m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x .90m long. Two line dressed top 45 cm) 23 cm dia .90M long	Each	85.00	85.00	85.00	85.00
d	Guard Stone (Top 0.7 m chisel dressed and 0.50m bottom roughly dressed) .15x.15x.90m long. Two line dressed top 45 cm) 23 cm dia.90M long	Each	60.00	53.00	53.00	55.00

1	2	3	4	5	6	7
e	Guard Stone 23 cm dia.90cm long	Each	45.00	45.00	45.00	45.00
48	Hard Broken Granite Stone Jelly (I.S.S. / L.R.C.) Machine crushed / Hand broken					
i	HBGS Jelly 90 mm size	M ³	165.00	165.00	165.00	165.00
ii	HBGS Jelly 80 mm size	M ³	165.00	165.00	165.00	165.00
iii	HBGS Jelly 63 mm size	M ³	215.00	215.00	215.00	215.00
iv	HBGS Jelly 50 mm size	M ³	265.00	265.00	265.00	265.00
v	HBGS Jelly 40 mm size	M ³	290.00	290.00	290.00	290.00
vi	HBGS Jelly 25 mm size	M ³	340.00	340.00	340.00	340.00
vii	HBGS Jelly 20 mm size	M ³	365.00	365.00	365.00	365.00
viii	HBGS Jelly 12 mm size	M ³	340.00	340.00	340.00	340.00
ix	HBGS Jelly 10 mm size	M ³	265.00	265.00	265.00	265.00
x	HBGS Jelly 6 mm size	M ³	215.00	215.00	215.00	215.00
xi	HBGS Jelly 3 mm size	M ³	165.00	165.00	165.00	165.00
49 A	<u>Broken Stone from surface stone & boulders</u>					
i	Broken Stone from surface stone & boulders 40 mm size	M ³	40.00	40.00	40.00	40.00
ii	Broken Stone from surface stone & boulders 50 mm size	M ³	35.00	35.00	35.00	35.00
iii	Broken Stone from surface stone & boulders 60 mm size	M ³	30.00	30.00	30.00	30.00
iv	Broken Stone from surface stone & boulders 75 mm size	M ³	28.00	28.00	28.00	28.00

1	2	3	4	5	6	7
49 b	Quartz metal					
i	Quartz metal 50 mm	M ³	50.00	50.00	50.00	50.00
ii	Quartz metal 40 mm	M ³	51.00	51.00	51.00	51.00
50 A	Labour charges for breaking 40 mm metal from departmental blasted stones	M ³	80.00	80.00	80.00	90.00
50 B	Labour charges for breaking 20 mm metal from departmental blasted stones	M ³	120.00	120.00	120.00	135.00
50 C	Labour charges for breaking 50 mm metal from departmental blasted stones	M ³				53.00
51	Soft Broken Stone					
i	Soft Broken Stone 63 mm size	M ³	32.00	40.00	40.00	
ii	Soft Broken Stone 40 mm size	M ³	40.00	46.00	46.00	
52	Laterite 40 to 75 mm size	M ³	50.00	40.00	40.00	
53	Kankar 40 to 75 mm size	M ³	29.00	40.00	40.00	
54	Soling stones Un blasted 15 cm cube	M ³	60.00	60.00	60.00	
54a	Soling stones blasted 15 cm cube	M ³	70.00	80.00	80.00	100.00
57	Gravel	M ³	80.00	80.00	80.00	80.00
57A	Well Gravel	M ³	75.00	75.00	75.00	75.00
57B	Screened Kankar Gravel	M ³	55.00	55.00	55.00	55.00
58	Quarry Rubbish	M ³	50.00	50.00	50.00	50.00
58A	Stone Dust	M ³	65.00	65.00	65.00	65.00
59	Sand for Mortar	M ³	115.00	115.00	115.00	115.00
60	Sand for Filling	M ³	85.00	85.00	85.00	85.00
62	Clay for Puddle & Masonry	M ³	20.00	20.00	20.00	20.00
63 (i)	Cuddapah Slab 50 mm Thick	M ³	250.00	250.00	250.00	250.00
ii	Cuddapah Slab 38/40 mm Thick	M ³	240.00	240.00	240.00	240.00
iii	Cuddapah Slab 12/30 mm Thick	M ³	220.00	220.00	220.00	220.00

1	2	3	4	5	6	7
	C LIME & CEMENT					
66	Shell lime (Slacked & Screened)	M ³	750.00	700.00	650.00	750.00
67	Freshly Slacked & Screened Burnt limestone	M ³	550.00	310.00	320.00	550.00
68	Stone Lime or Lime Metal	M ³	50.00	50.00	50.00	50.00
69	Cement Mortar					
i	Grinding Mortar (Spl.Grinding lime)	M ³	80.00	70.00	75.00	65.00
ii	Grinding Mortar (ordinary grinding lime)	M ³	60.00	54.00	57.00	48.00
iii	Mixing Mortar - Cement by manual	M ³	25.00	25.00	28.00	19.00
iv	Mixing Mortar - Cement by Machine Mixing	M ³	35.00	35.00	38.00	29.00
	D.Timber and Roofing Materials					
71	TW Scantlings (over 3 m for joist and rafters)-Malabar	M ³	66500.00	65700.00	65700.00	59970.00
72	TW Scantlings (for Tiebeams and principal rafters)- Malabar	M ³	66500.00	65700.00	65700.00	59970.00
73	TW Scantlings (over 2m & below 3 m in length) -Malabar	M ³	63500.00	63500.00	63500.00	59970.00
74	TW Scantling (below 2 m in length) -Malabar	M ³	55500.00	56500.00	56500.00	55780.00
75 (i)	TW Planks (Over 45 cm wide & 12 mm Tk)	M ³	70000.00	70000.00	70000.00	70000.00
ii	TW Scantling (30 - 45 cm wide & 12 mm Tk)	M ³	65000.00	65000.00	65000.00	65000.00
iii	TW Scantling (30 - 45 cm wide & 12 - 25 mm Tk)	M ³	62000.00	62000.00	62000.00	62000.00
iv	TW Scantling (30 - 45 cm wide & 25 - 40 mm Tk)	M ³	59500.00	59500.00	59500.00	59500.00
v	TW Scantling (15 - 30 cm wide & 12 mm Tk)	M ³	58000.00	58000.00	58000.00	58000.00
vi	TW Scantling (15 - 30 cm wide & 25-40 mm Tk)	M ³	55000.00	55000.00	55000.00	55000.00
vii	TW Scantling (15 - 30 cm wide & 12- 25 mm Tk)	M ³	54000.00	54000.00	54000.00	54000.00

65990

1	2	3	4	5	6	7
viii	TW Scantling (Upto 15 cm wide & 12 mm Tk)	M ³	53000.00	53000.00	53000.00	53000.00
ix	TW Scantling (Upto 15 cm wide & 12-25 mm Tk)	M ³	53000.00	53000.00	53000.00	53000.00
xiii	TW Scantling (Upto 15 cm wide & 25-40 mm Tk)	M ³	50000.00	50000.00	50000.00	50000.00
76	Teak wood Reepers					
i	TW Reepers 50 x 25 mm	RM	45.00	45.00	45.00	45.00
ii	TW Reepers 50 x 12 mm	RM	35.00	35.00	35.00	35.00
77	Country Wood Scantling					
i	CW Scantling (upto 4 M in length)	M ³	20000.00	20000.00	20000.00	20000.00
ii	CW Scantling (over 4 M in length)	M ³	21000.00	21000.00	21000.00	21000.00
77A	CW Scantling (for tie beams & Principal rafters for trusses)	M ³	21000.00	21000.00	21000.00	21000.00
77B	Jack wood Scantlings (upto 4 m)	M ³	22000.00	22000.00	22000.00	22000.00
77D	Silver oak Scantlings	M ³	9100.00	9100.00	9100.00	9100.00
78	Country Wood Planks					
i	CW Planks (upto 30 cm wide-40mm tk)	M ³	23000.00	23000.00	23000.00	24250.00
ii	CW Planks (upto 30 cm wide-25mm tk)	M ³	23000.00	23000.00	23000.00	24250.00
iii	CW Planks (over 30 cm wide-40mm tk)	M ³	23000.00	23000.00	23000.00	24250.00
iv	CW Planks (over 30 cm wide-25mm tk)	M ³	23000.00	23000.00	23000.00	24250.00
78A	JW Planks (25mm -40mm tk)	M ³	24000.00	24000.00	24000.00	24350.00
78B	Silver oak Plank (40mm thick)	M ³	10400.00			
78C	Bluegum Plank	M ³	10600.00			
79	Country Wood Reepers					
i	CW Reepers (50 x 25 mm)	RM	20.00	20.00	20.00	23.00
ii	CW Reepers (50 x 12 mm)	RM	15.00	15.00	15.00	19.00
80	Mango plank	M ³	9900.00			
81	Palmyrah rafter (50 - 60 mm wide & 125mm depth)	RM	25.00	28.00	28.00	29.00
a	Palmyrah Leaves	100 Nos.	150.00	150.00	150.00	150.00

1	2	3	4	5	6	7
b	Palmyrah Leaves (Labour for cutting)	100 Nos.	25.00	25.00	25.00	25.00
90	Casurina poles					
a	Casurina poles 13cm - 15 cm dia	RM	20.00	20.00	20.00	20.00
b	Casurina poles 10 cm - 13 cm dia	RM	15.00	15.00	15.00	15.00
c	Casurina poles 8 cm - 10 cm dia	RM	12.00	12.00	12.00	12.00
d	Casurina poles 5 cm - 8 cm dia	RM	10.00	10.00	10.00	10.00
90.1	Eucalyptus Poles					
a	13 cm to 15 cm dia	1m	20.00	20.00	20.00	20.00
b	10 cm to 13 cm dia	1m	15.00	15.00	15.00	15.00
c	8 cm to 10 cm dia	1m	12.00	12.00	12.00	12.00
d	5 cm to 8 cm dia	1m	10.00	10.00	10.00	10.00
e	below 5 cm	1m	9.00	9.00	9.00	9.00
90.2	Eucalyptus Bullies 4 cm to 5 cm dia and cross ties	1m	7.00	7.00	7.00	7.00
91	Casurina Bullies 4 cm - 5 cm dia & cross ties	RM	8.00	8.00	8.00	9.00
92	Bamboo Large (10cm dia and above)	RM	7.00	7.00	7.00	8.00
	Bamboo (7.5cm - 10 cm dia)	RM	6.00	6.00	6.00	7.00
	E.Metal and Iron works					
111	Mild steel plates or sheets BG 10	Kg	22.00	22.00	22.00	22.00
112	Mild steel Angles 25 x 25 x 3 mm	Kg	16.50	16.50	16.50	16.50
113	Binding wire (Black 18 G)	Kg	24.00	24.00	24.00	24.00
113 b	Binding wire (Galvanised-18 G)	Kg	26.00	26.00	26.00	26.00
114	G.I. Sheets 30 cm wide and 1.6 mm Tk	M ²	300.00	300.00	300.00	245.00
121	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	12.00	12.00	12.00	12.00
125	Iron works for trusses & record racks (labour only)	Kg	11.00	11.00	11.00	10.00

1	2	3	4	5	6	7
125A	Supplying & fixing grills for windows, ventilators, etc., including priming coat.	Kg	30.00	30.00	30.00	30.00
126 I	Weld mesh 7.5 x 2.5 cm. 10 Gauge	M ²	175.00	175.00	175.00	200.00
ii	Weld mesh 7.5 x 5 cm. 10 Gauge	M ²	150.00	150.00	150.00	150.00
iii	Weld mesh 10 x 10 cm. 10 Gauge	M ²	85.00	85.00	85.00	100.00
127	Fixing M.S. Rods round/square ^{1/2"} windows	Kg	6.50	6.50	6.50	6.50
128	Fixing Iron bars in windows and ventilators	Kg	6.50	6.50	6.50	6.50
129	Chicken mesh	M ²	18.65	18.65	18.65	18.65
130	Fly proof mesh	M ²	60.00	60.00	60.00	60.00

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 materials viz., Bricks and tile products, Stone jelly, Gravel, Sand, ~~Shell lime~~, Lime Stone, etc, a lead of 10 kms with necessary incidental charges, loading charges, lead charges and unloading charges have been included. Hence, for lead of more than 10 kms only necessary lead charges (for the portion beyond 10 kms) as per conveyance table shall be allowed. No separate incidental charges, loading and unloading charges shall be allowed for the above materials.

3). for Stone Jelly etc standards, rates published in H.S. & S. rates may be taken

A
20/10
HDO - I

6/20/10
Engineer-in-Chief, WRO., &
Chief Engineer (General),
PWD, Chepauk, Chennai-5.

S
20/10
Chief Engineer, WRO, DRCS, PWD,
Chepauk, Chennai-5.

20/10/2010
Special Secretary, Finance
Department, Secretariat, Chennai, 9

RATE OF WORKS

1	2	3	4	5	6	7
	A. Clearing the Site					
1	Clearing Heavy Jungle	M ²	1.80	1.80	1.80	1.80
2	Clearing Light Jungle	M ²	1.35	1.35	1.35	1.35
3	Clearing Scrub Jungle	M ²	1.20	1.20	1.20	1.20
4	Uprooting & removing large palmyrah / coconut stumps	Each	35.00	35.00	35.00	35.00
5	Uprooting & removing small palmyrah / coconut stumps	Each	25.00	25.00	25.00	25.00
9	Removing weeds in channel and drain	M ²	0.50	0.50	0.50	0.50
9C	Cleaning Julifora jungle with uprooting	M ²	2.00	2.00	2.00	2.00
9D	Cleaning Julifora jungle without uprooting	M ²	1.50	1.50	1.50	1.50
	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	15.00	15.00	15.00	15.00
11	Brick / stone in clay walls, add for every additional 3m or part there of over the initial height of 3m	M ³	5.00	5.00	5.00	5.00
11A	Mud /sun dried brick walls under 3m high	M ³	10.00	10.00	10.00	10.00
11B	Mud /sun dried brick walls, add for every additional 3m or part there of over the initial height of 3m	M ³	3.00	3.00	3.00	3.00
12	Brick/stone masonry in lime mortar walls under 3m high	M ³	45.00	45.00	45.00	45.00

1	2	3	4	5	6	7
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	5.00	5.00	5.00	5.00
14	Brick/stone masonry in Cement mortar walls under 3m high	M ³	55.00	55.00	55.00	55.00
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	6.00	6.00	6.00	6.00
16	Terracing work in roof or floor	M ³	15.00	15.00	15.00	15.00
17	Flag stone in roof or floor including lifting	Each	8.00	8.00	8.00	8.00
18	Cut stone slab over culverts upto 3.3 m height below G.L	M ³	230.00	230.00	230.00	230.00
19	Cut stone slab over culverts over 3.3 m height below G.L	M ³	240.00	240.00	240.00	240.00
20	Removal of cut stone slabs & RCC slabs	M ³	103.00	103.00	103.00	0.00
21	Removing & refixing cut stone slabs	M ³	250.00	250.00	250.00	250.00
22	Refixing cut cut stone slab	M ³	110.00	110.00	110.00	110.00
23	Pantile or Mangalore tiled roof without roof timbers	M ²	4.10	4.10	4.10	0.00
24	Flat & pan tiles or mangalore tile over flat tiles, with out roof timbers	M ²	5.50	5.50	5.50	5.50
25	A/C sheet roofing without roof timbers	M ²	3.75	3.75	3.75	3.75
26	Corrugated iron sheet roofing with pan tiles over, without roof timbers	M ²	6.00	6.00	6.00	6.00
27	Old thatched roof, including tying materials into small bundles for reuse.	M ²	1.75	1.75	1.75	1.75
28	Wrought & putup framed timbers in roofs / floors	M ³	145.00	145.00	145.00	145.00
29	Doors & windows including removal of frames, hinges and fastenings	M ²	30.00	30.00	30.00	30.00

1	2	3	4	5	6	7
32	Dry stones apron or revetment, stacking within 40m lead	M ³	25.75	25.75	25.75	25.75
33	Grouted stones apron or revetment, stacking within 40m lead	M ³	30.00	30.00	30.00	30.00
34	Dry stone masonry walls	M ³	22.00			22.00
36	Dismantling lime concrete	M ³	70.00	70.00	70.00	70.00
37	Dismantling plain Cement concrete	M ³	95.00	95.00	95.00	95.00
38	Dismantling RCC	M ³	1440.00	1440.00	1440.00	1440.00
38A	Chipping of concrete & roughening the surface	M ²	8.00	8.00	8.00	8.00
38B	Pressed tiles & weathering course	M ²	9.05	9.05	9.05	9.05
38C	One course of Pressed tile Roof finish in Cement Mortar	M ²	5.15	5.15	5.15	5.15
38D	One course of terrace bricks roof finish in Cement mortar. <i>roof</i>	M ²	6.15	6.15	6.15	6.15
38E	Two course of flat tiles finished in cement mortar	M ²	5.90	5.90	5.90	5.90
38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	M ²	12.30	12.30	12.30	12.30
38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	M ²	11.85	11.85	11.85	11.85
	C. Quarrying and Blasting					
39	Hard rock measured in solid including blasting & stacking	M ³	170.00	170.00	170.00	170.00
39A	Removing Hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	M ³	340.00	340.00	340.00	340.00
40A	Medium Rock And Dense Medium rock requiring blasting	M ³	87.50	87.50	87.50	87.50

1	2	3	4	5	6	7
42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	M ³	2.10	2.10	2.10	2.10
42B	Extra for every additional 1m lead or part thereof over the initial lift of 2m for blasted materials	M ³	2.20	2.20	2.20	2.20
44	Benching, Hard rock upto an average 10 cm depth	M ²	165.00	165.00	165.00	165.00
46	Drilling holes in hard granite 40mm diameter	RM	55.00	55.00	55.00	55.00
46A	Drilling holes in hard granite 45mm diameter	RM	65.00	65.00	65.00	65.00
47	Drilling holes in hard granite 50mm diameter	RM	77.00	77.00	77.00	77.00
48	Drilling holes in hard granite 75mm diameter	RM	87.50	87.50	87.50	87.50
49	Drilling holes in hard granite 32mm diameter	RM	47.30	47.30	47.30	47.30
	D.Earth Work					
49	ORDINARY SOIL SS20A Earth work excavating and depositing on bank with a initial lead of 10 m & 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	17.50	17.50	17.50	17.50
50	ORDINARY SOIL SS20B Earth work excavating and depositing on bank with a initial lead of 10 m & 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	16.00	16.00	16.00	16.00

1	2	3	4	5	6	7
50A	Sand & Silt Under Water SS20B Earth work excavating and depositing on bank with $\approx$ 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	20.00	20.00	20.00	20.00
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	4.10	4.10	4.10	4.10
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 thick} and making it ready to receive the concrete 0.75 - 1.50m depth _A	M ³	5.00	5.00	5.00	5.00
50D	Sectioning during forming bunds when earth moving machineries, loories and rollers ^{are used} for consolidation	M ³	3.10	3.10	3.10	3.10
61	HGS SS.20.A. Earth work excavating and depositing on bank with $\approx$ 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 of boulders SS.20.A. _A	M ³	25.75	25.75	25.75	25.75

1	2	3	4	5	6	7
62	HGS SS.20.B. Earth work excavating and depositing on bank with a 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 of boulders SS.20B	M ³	22.75	22.75	22.75	22.75
67	SDR-(Not Requiring Blasting) Earth work excavating and depositing on bank with a initial lead of 10 m & initial lift of 2m in Soft disintegrated rock, laterite, soft rock or kankar, not requiring blasting.	M ³	36.00	36.00	36.00	36.00
67A	LOOSE BOULDERS Earth work excavating and depositing on bank with a initial lead of 10 m & initial lift of 2m in loose boulders in excavation of various size 150mm to 625 mm in hard mixed in earth	M ³	56.65	56.65	56.65	56.65
72	MR-&-DMR (Not Requiring Blasting) Earth work excavating and depositing on bank with a initial lead of 10 m & initial lift of 2m in medium rock and dense medium rock not requiring blasting	M ³	62.70	62.70	62.70	62.70
76	Extra for every additional 10 metres lead or part thereof over the initial lead	M ³	3.00	3.00	3.00	3.00
77	Extra for every additional 1 metres lift or part thereof over the initial lift	M ³	2.50	2.50	2.50	2.50

1	2	3	4	5	6	7
78	Breaking clods, consolidating and sectioning	M ³	1.50	1.50	1.50	1.50
78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	M ³	4.50	4.50	4.50	4.50
79A	Add to relevant T.N.D.S.S. No.20.A, rates for new tank bunds and closing breaches for extra watering and consolidation. By hand roller	M ³	5.00	5.00	5.00	5.00
79B	By power roller including hire charges	M ³	8.50	8.50	8.50	8.50
80	Benching Old Embankment Slopes 45cm x 45cm	M ³	1.05	1.05	1.05	1.05
81	Puddle wall work	M ³	40.00	40.00	40.00	40.00
82A	Truing in slopes including watering and fixing with initial lead upto 50m	M ³	8.50	8.50	8.50	8.50
84	Refilling with excavated sand complying with the standard specification for filling in foundation and basement.	M ³	7.50	7.50	7.50	7.50
85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	M ³	8.50	8.50	8.50	8.50
	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 metres 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 metres.	M ³	16.00	16.00	16.00	16.00

1	2	3	4	5	6	7
88	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metres 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 metres	M ³	24.20	24.20	24.20	24.20
89	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metres in soft disintegrated rock, laterite, soft rock or kankar not requiring blasting — First depth of 2 metres	M ³	37.00	37.00	37.00	37.00
90	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metres in Medium rock and dense medium rock not requiring blasting—First depth of 2 metres	M ³	60.00	60.00	60.00	60.00
90A	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metres in Medium rock and dense medium rock requiring blasting—First depth of 2 metres	M ³	90.00	90.00	90.00	90.00

1	2	3	4	5	6	7
91	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metres in Hard granite measured in solid including blasting and stacking First depth of 2 metres	M ³	175.00	175.00	175.00	175.00
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	25.00	25.00	25.00	25.00
92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete First depth of 2 metres	M ³	35.00	35.00	35.00	35.00
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	35.00	35.00	35.00	35.00

1	2	3	4	5	6	7
	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	30.00	30.00	30.00	30.00
1a	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with an extra lead of every 100 metres or part thereof deploying earth moving machineries and tippers including benching, formation of bunds, breaking clods, sectioning etc complete	M ³	2.50	2.50	2.50	2.50
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 3 m	M ³	18.00	18.00	18.00	18.00
b	having width of 3m -10m	M ³	22.00	22.00	22.00	22.00
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	25.75	25.75	25.75	25.75

1	2	3	4	5	6	7
	LIFT CHARGES - Concrete - Brick or Stone Masonry above or below Ground Level	BASIC RATE				
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	25.50	25.50	25.50	25.50
2	Add for works in every upper floor over the rate of preceeding floor	M ³	51.00	51.00	51.00	51.00
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	17.00	17.00	17.00	17.00
2	Add for works in every upper floor over the rate of preceeding floor	M ³	34.00	34.00	34.00	34.00
	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	25.50	25.50	25.50	25.50
2	Add the basic rate for works above 4.50m depth and upto 9m depth below ground level	M ³	51.00	51.00	51.00	51.00
3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	M ³	51.00	51.00	51.00	51.00

1	2	3	4	5	6	7
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	17.00 17.30	17.00	17.00	17.00
2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	M ³	34.00 34.16	34.00	34.00	34.00
3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	M ³	34.00 34.60	34.00	34.00	34.00
	Concrete Vibrators					
1	Where vibrations 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	15.00 15.30	15.00	15.00	15.00
2	Where vibrations 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	20.00 20.16	20.00	20.00	20.00
	G. Scaffolding, Centering, etc.,					
156 A	Scaffolding Charges For Plastering For Repair Works Only 4m To 6m Above Ground Level	M ²	0.65	0.65	0.65	0.65
156B	Scaffolding Charges For Plastering For Repair Works Only 6m To 10m Above Ground Level	M ²	0.85	0.85	0.85	0.85

1	2	3	4	5	6	7
156C	Scaffolding Charges ~ For Plastering For Repair Works Only, over 10m Above Ground Level	M ²	1.25	1.10	1.10	1.15
156D	Scaffolding Charges-For White or Colour Washing-For Repair Works Only 4m To 6m Above Ground Level	M ²	0.55	0.50	0.40	0.30
156E	Scaffolding Charges-For White or Colour Washing-For Repair Works Only 6m To 10m Above Ground Level	M ²	0.75	0.50	0.50	0.45
156F	Scaffolding Charges-For White or Colour Washing-For Repair Works Only over 10m Above Ground Level	M ²	1.05	0.80	0.60	0.55
156G	Scaffolding Charges-For Painting For Repair Works Only 4m To 6m Above Ground Level	M ²	0.35	0.35	0.35	0.35
156H	Scaffolding Charges-For Painting For Repair Works Only 6m To 10m Above Ground Level	M ²	0.40	0.40	0.40	0.40
156I	Scaffolding Charges-For Painting For Repair Works Only over 10m Above Ground Level	M ²	0.45	0.45	0.55	0.45
	H. Plastering					
318	Clean removal of lime plaster from walls and racking put joints 20 mm deep or from terraced roofs racking out joints 12 mm deep	M ²	2.10	2.10	2.10	2.10
319	Clean removal of lime plaster from walls	M ²	1.60	1.60	1.60	1.60
320	Clean removal of Cement plaster from walls	M ²	1.75	1.75	1.75	1.75

1	2	3	4	5	6	7
321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	M ²	2.25	2.25	2.25	2.25
	I. White Washing, Colour Washing & Distempering					
338	Through scrapping of old plastered surface	M ²	1.05	1.00	0.90	0.90
339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	M ²	1.25	1.20	1.05	1.05
	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	7.70	7.50	7.50	5.45
357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	M ²	3.30	3.00	3.00	3.30
357B	Removing paint from doors, windows & wood works by manual labour	M ²	2.10	2.20	2.20	2.20
357C	Removing old paint from structural steel by blow lamp or sand paper	M ²	3.10	2.75	2.75	4.75
357 D	Scrapping and removing old paint from structural steel by manual labour	M ²	2.05	0.00	0.00	2.05
357 E	Removing old paint from iron surface with sand paper	M ²	2.00	2.00	2.00	2.00
357 F	Repolishing the mosaic flooring including polishing ^{stone} and hire charges for polishing machine but excluding cost of electrical charges	M ²	4.50	4.50	4.50	4.50

1	2	3	4	5	6	7
	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	2.00	2.00	2.00	2.00
369 B. (i)	Driving piles / up to 15 cm dia in river bed	1 RM	6.00	6.00	6.00	6.00
(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles in-to river bed for the first 1m below ground level.	Each	5.00	5.00	5.00	5.00
(iii)	Driving bamboo / casurina / eucalyptus piles, in-to ground, beyond 1m depth ground level for every 1m (or) part there of	1 RM	5.00	5.00	5.00	5.00
	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	1.05	1.05	1.05	1.05
375B	Extra for every additional lead of 1.6K.M (for above item 321)	one bundle	0.15	0.10	0.10	0.10
378A	Driving casurina piles into bed including scaffolding etc., complete	RM	2.50	2.50	2.50	2.50
378B	Casurina walling pieces 40 mm to 50 mm dia -metre including fixing with nails and tying with ropes	RM	3.40	3.40	3.40	3.40

1	2	3	4	5	6	7
	M. Cuting and Threading of G.I.Pipe					
1	15 mm dia G.I. Pipe Cutting	Each	2.10	2.05	2.05	2.05
	15 mm dia G.I. Pipe Threading	Each	3.10	3.10	3.10	3.10
2	20 mm dia G.I. Pipe Cutting	Each	2.10	2.05	2.05	2.05
	20 mm dia G.I. Pipe Threading	Each	3.10	3.10	3.10	3.10
3	25 mm dia G.I. Pipe Cutting	Each	2.60	2.55	2.55	2.55
	25 mm dia G.I. Pipe Threading	Each	6.15	6.20	6.20	6.20
4	32 mm dia G.I. Pipe Cutting	Each	3.10	3.10	3.10	3.10
	32 mm dia G.I. Pipe Threading	Each	8.20	8.25	8.25	8.25
5	40 mm dia G.I. Pipe Cutting	Each	4.10	4.10	4.10	4.10
	40 mm dia G.I. Pipe Threading	Each	9.25	9.25	9.25	9.25
6	50 mm dia G.I. Pipe Cutting	Each	5.15	5.15	5.15	5.15
	50 mm dia G.I. Pipe Threading	Each	10.30	10.30	10.30	10.30
7	65 mm dia G.I. Pipe Cutting	Each	5.70	5.65	5.65	5.65
	65 mm dia G.I. Pipe Threading	Each	12.30	13.40	13.40	13.40
8	80 mm dia G.I. Pipe Cutting	Each	7.20	7.20	7.20	7.20
	80 mm dia G.I. Pipe Threading	Each	15.45	15.45	15.45	15.45
9	100 mm dia G.I. Pipe Cutting	Each	10.30	10.30	10.30	10.30
	100 mm dia G.I. Pipe Threading	Each	20.60	20.60	20.60	20.60

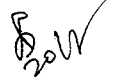
1	2	3	4	5	6	7
	N. Labour Wrought And Put Up For Doors, Windows & Ventilators					
1	Labour wrought and put up in position frames inclusive of fixing hold fasts for doors, windows and ventilators etc.,	M ³	2936.00	2936.00	2936.00	2936.00
2	Labour wrought and put up in position Shutters for fully panelled doors (external or internal)moulded panels including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	M ²	330.00	330.00	330.00	330.00
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	278.00	278.00	278.00	278.00
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	309.00	309.00	309.00	309.00

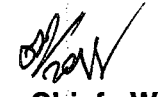
1	2	3	4	5	6	7
6	Labour wrought and put up in position Shutters for Framed and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	M ²	258.00	258.00	258.00	258.00
7	Labour wrought and put up in position Shutters for legged and braced and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	M ²	175.00	175.00	175.00	175.00
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	309.00	309.00	309.00	309.00
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	330.00	330.00	330.00	330.00

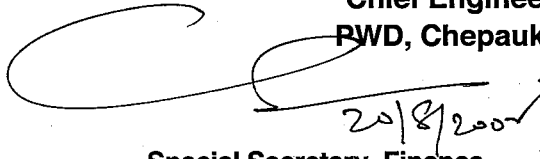
1	2	3	4	5	6	7
12	Labour wrought and put up in position Shutters for windows legged and braced and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	M ²	175.00	175.00	175.00	175.00
13	Labour wrought and put up in position 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	278.00	278.00	278.00	278.00
14	Labour wrought and put up in position Frames, Shutters for Swing Ventilators glazed fixed double frames and with wire netting complete fixed in position in accordance with standard drawings and standard specification.	M ²	258.00	258.00	258.00	258.00
19	Labour charges for fixing doors and frames in position etc., complete (finished work)	M ²	49.50	49.50	49.50	49.50
20	Labour charges for fixing windows and ventilators along with frames in position etc., complete	M ²	62.00	62.00	62.00	62.00
21	Labour wrought and put up in position for, Single leaf shutter	M ²	46.00	46.00	46.00	46.00
	Double leave shutters	M ²	72.00	72.00	72.00	72.00

1	2	3	4	5	6	7
22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	M ²	165.00	165.00	165.00	165.00
23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x0.075m)	M ²	232.00	232.00	232.00	232.00


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HDO - I


Chief Engineer, WRO, DRCS, PWD,
Chepauk, Chennai-5.


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


20/8/2007
Special Secretary, Finance
Department, Secretariat, Chennai, 9

RATE FOR CONVEYANCE BY HEAD LOAD

SL.NO.	DESCRIPTION OF MATERIAL	UNIT	LEAD		LIFT
			ABOVE 10m AND UPTO 100 m	ADD EXTRA FOR EVERY ADDITIONAL 100 m OR PART THEREOF	ADD EXTRA FOR EVERY 1m HEIGHT OR PART THEREOF FOR MORE THAN 2 m LIFT
1	Rough Stone, Broken Stone, Cut Sone, RCC slab, Sand-Cement Block, Wooden Scantling, Wooden Plank.	M ³	25.45	10.60	2.85
2	Lime, Lime stone, Broken laterite, Brick Jelly, Coke, Earth, Sand, Gravel, Surki	M ³	13.95	10.60	2.10
3	a) Mangalore tiles	1000 Nos.	27.70	13.95	3.55
	b) Machine pressed tiles	2000 Nos.	27.70	13.95	3.55
	c) Hydraulic pressed mosaic tiles	1500 Nos.	27.70	13.95	3.55
	d) Terrace Bricks, Flat tiles and Pan tiles	2500 Nos.	27.70	13.95	3.55
	e) Bricks	1000 Nos.	27.70	13.95	3.55
4	Cement, A.C. Sheet, Bitumen, Asphalt, Tar and Pitch	M.T.	25.45	13.95	2.85
5	Steel	M.T.	42.70	17.10	3.55

- Note:** i) Fraction of 100 metres to be rounded off to the nearest 100 metres
 ii) The rate indicated in the Table will be applicable only to inaccessible places (i.e) the places where the Bullock-Carts cannot move (CE(General) Memo.No.CTO (A) / 38153 / 89, dated 03.02.1989)
 iii) for an initial lead of 10 m and for an initial lift of 2 m no extra charges are allowable.

[Signature]
 2018
 HDO - I

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 2018
 Chief Engineer, WRO, DRCS, PWD, Chepauk,
 Chennai-5.

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

[Signature]
 2018
 Special Secretary, Finance Department,
 Secretariat, Chennai, 9

6 RATES FOR CONVEYANCE OF MATERIAL BY ROAD FOR THE YEAR 2002-03 (COMMON FOR ENTIRE STATE)

Sl.No	Distance in Kilometers	Lime stone, Broken laterite, Brick jelly, Wood work (One cubic metre)	Rough stone, broken stone, sand, gravel surki, earth (one cubic metre)	Country bricks (1000 Nos.)	Mangalore tiles(1000 nos), Machine pressed tiles(2000 Nos), Hydraulic mosaic tiles(1500 nos)	Bricks I & II class standard size, stock bricks, metric bricks, chamber burnt bricks, flooring square bricks (1000 nos)
1	2	8.3	9.4	10.5	12.6	13.7
1	Co-efficient	1.10	1.60	1.35	1.80	2.25
2	Incidental charges	25.95	37.75	31.85	42.50	53.10
3	Add for every extra 1Km & part thereof					
a	0-10kms	5.85	8.50	7.15	9.55	11.90
b	10-20kms	4.15	6.00	5.05	6.75	8.45
c	20-40kms	1.70	2.50	2.10	2.80	3.50
d	40-80kms	1.60	2.30	1.95	2.60	3.25
e	Above 80 Kms	1.45	2.10	1.75	2.35	2.90
4	Loading charges	20.00	13.80	18.50	18.50	18.50
5	UnLoading charges	20.00	13.80	18.50	18.50	18.50
6	An adhoc extra for inter state works	8.15	11.85	10.00	13.30	16.65

- Note: 1) The above rates do not include stacking charges as per Circular Memo No.230 Wks.IV(2)/ 62-3 16th.06.1962 of Chief Engineer (General)
- 2) For conveyance of materials on cart track allow 20 % extra over the above rates excluding loading unloading and incidental charges.
- 3) For sandy and slusly soil tracks add 50% extra over the above rates excluding loading unloading and incidental charges.
- 4) The quantity for payment towards conveyance of earth in column (9) is to be pit measured quantity at the site of excavation.
- 5) For conveyance of blasted rock through lorries, the rates provided are for the volume with voids.
- 6) For materials viz., Bricks and tile products, Stone jelly, Gravel, Sand, Shell lime, Lime Stone, etc, a lead of 10 kms with necessary incidental charges, loading charges, lead charges and unloading charges have been included. Hence, for lead of more than 10 kms only necessary lead charges (for the portion beyond 10 kms) as per conveyance table shall be allowed. No separate incidental charges, loading and unloading charges shall be allowed for the above materials.

HDO-1

Chief Engineer, WRO, DRCS,
PWD, Chepauk, Chennai-5.

Special Secretary, Finance Department,
Secretariat, Chennai-9.

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