



**GOVERNMENT OF KERALA**  
**PUBLIC WORKS DEPARTMENT**

# **Schedule of Rates**

**2010**  
**Volume - I**

**(with effect from 14.05.2010)**

## PREFACE

As promised on the floor of the Legislature Assembly by the Hon'ble Minister for works, Government have decided to consider the rate revision in 2010 also. Accordingly, proposal for revision of Schedule of Rates has been prepared by the Chief Engineer, PWD Administration and submitted to the Government for sanction.

Data from Economic and Statistics Department for labour and building materials and the current market trend in each locality obtained from Executive Engineers were analyzed and discussed in the Chief Engineers Committee meeting before finalizing the revision proposal.

Some of the new items now being used in the new construction works in the department were also included in the revision proposal.

Chief Engineer,

PWD Administration.

## GENERAL INSTRUCTIONS

1. The Schedule of Rates is for estimating purpose only and shall be followed both for original and maintenance works. This supercedes all previous schedules and subsequent corrections to them.
2. The rates for works are to be calculated based on this schedule and shall be varied only with the specific sanction of the Chief Engineer.
3. These rates shall be the basic rates in Kerala Public Works Department until further revision. As a rule the schedule of rates shall be reviewed in March every year by the Superintending Engineers in- charge of Circles and any modification that may be found necessary shall be got approved by the Chief Engineer in time and brought into force from the next financial year.
4. This Schedule of Rates consists of two volumes:

Volume I            Section I -- Rates for Labour  
                         Section II -- Materials  
                         Section III -- Water Supply and Sanitary items  
                         Section IV -- Conveyance Statement

Volume II                            Rates for Electrical Items.

For materials like cement, iron, tiles, wire cut bricks, sand lime bricks etc. exfactory or the manufacturers nearest depot rates have been provided.

6. The rates given in the Schedule, are exclusive of conveyance charges of materials to site of work and also do not include the contractor's profit of 10 percent. For the preparation of estimates, rates shall be worked out based on detailed data providing for the cost of materials, conveyance charges and labour as per the schedule. When the work is proposed to be taken up through a contract agency, 10 percent contractor's profit shall also be added to the rates except on the value of materials supplied departmentally and on hire charges of T and P

7. Regarding conveyance charges for materials, a certificate as noted below, from an officer not below the rank of an Assistant Executive Engineer, should be attached with all estimates.

***"The distances noted in the data for conveyance from quarry or source have been personally verified by me and are found correct. These are the minimum leads required."***

8. (a) When power rollers( Diesel Rollers), are hired out to contractors hire charges for the rollers(which include cost of lubricating oils, grease, small stores and establishment charge but exclude cost of fuel), shall be recovered at the rate of **Rs.2080** per day of eight hours or part thereof, for the full period the roller is hired out to the contractor, including non working days, except for authenticated period of break down of the roller for the full working hours of a day (that is 8 hours from 8 a.m. to 5 p.m. including one hour's interval for lunch) and for Sundays and other public holidays, if there is no work on these days.

The daily rate of hire fixed by the Chief Engineer shall be for a day of 8 hours or part thereof, between 8 a.m. and 5 p.m. with one hour's interval for lunch.

(b) If there is work on Sundays and other Public Holidays, the hire charges for the rollers shall be recovered at the rate of 1.20 times the rate for normal working days.

(c) When power rollers are worked on any day, in excess of eight hours (that is outside the normal working hours between 8 a.m. to 5 p.m.) hire at the rate of 1.20times the hourly rate applicable for that day( based on the rate of 8 hours), shall be levied for every extra hour or part thereof.

(d) The average out- turn expected from a power roller for a day of 8 hours is as fixed by the Chief Engineer (R and B) for various items of road work. A variation of plus or minus 12 1/2 per cent may be allowed to this average. If the daily out-turn from the roller falls out side the permissible variations the contractor shall be charged at 11/2 times the rate of normal hire for the day, specified for the roller concerned. However, this clause shall not be applicable in cases where variation is due to authenticated periods of break down of the roller or inclement weather.

(e) In addition to the hire charges, necessary water, diesel oil (Fuel oil) or power line, as the case may be, required for the efficient working of the roller, shall be supplied by the contractor.

9. The Schedule of Rates 2010 shall come into force from -14.05.2010 as per G.O. (Rt No 791/2010/PWD dated 14 – 05 - 2010

Office of the Chief Engineer, P.W.D.  
R & B and Administration,  
Thiruvananthapuram-695033

(Sd.)  
**T . BABURAJ**  
Chief Engineer

<b>Section I</b>			
<b>RATES FOR LABOUR</b>			
<b>Sl. No</b>	<b>Description</b>	<b>Unit</b>	<b>Proposal for 2010</b>
1	Black smith	Each Per day	<b>325</b>
2	Blaster or Quarryman	Do	<b>270</b>
3	Boat building maistry	Do	<b>325</b>
4	Boat builder	Do	<b>325</b>
5	Boatman	Do	<b>225</b>
6	Brick Moulder	Do	<b>225</b>
7	Cable jointer	Do	<b>290</b>
7a	Cable jointer mate	Do	<b>225</b>
8	Carpenter	Do	<b>325</b>
9	Caulker	Do	<b>325</b>
10	Cleaner	Do	<b>270</b>
11	Cleaner-Lift Irrigation	Do	<b>225</b>
12	Dighy man	Do	<b>225</b>
13	Driver jeep	Do	<b>270</b>
13a	Driver-Lorry/Tractor/Dumper/Tipper driver	Do	<b>280</b>
14	Driver -pile driver	Do	<b>300</b>
15	Driver- Pump driver/Operator	Do	<b>270</b>
16	Electrician	Do	<b>290</b>
17	Ferryman	Do	<b>270</b>
18	Fitter	Do	<b>300</b>
19	Hammerman(For helping blasters)	Do	<b>225</b>
20	Jumper	Do	<b>270</b>
21	Laterite cutter	Do	<b>270</b>
22	Lineman	Do	<b>270</b>
23	Lineman Assistant	Do	<b>240</b>
24	Mason-Brick or laterite	Do	<b>325</b>
25	Mason-Rubble mason	Do	<b>325</b>
26	Mason -Stone mason or stone cutter	Do	<b>325</b>
27	Mazdoor-Man and woman	Do	<b>240</b>
28	Mazdoor-Special mazdoor for surveying, thatching, white washing, Road work etc	Do	<b>255</b>
29	Mazdoor-Heavy load mazdoor or Khalasi, for handling iron materials	Do	<b>270</b>
30	Machanic-I	Do	<b>350</b>
31	Machanic-II	Do	<b>325</b>
32	Machine-cum-operator-Hot mix plant	Do	<b>400</b>
33	Modeller I	Do	<b>270</b>
34	Modeller II	Do	<b>250</b>
35	Operator-Heavy earth moving machinery	Do	<b>400</b>
36	Operator - Lift Irrigation operator	Do	<b>270</b>
37	Operator-Lock operator	Do	<b>225</b>

37a	Operator-Lift	Do	225
37b	Operator-Mixer/Compressor	Each Per day	270
37c	Operator Paver finisher	Do	400
38	Painter	Do	270
39	Picottach man	Do	225
40	Plumber/Pipe fitter	Do	325
41	Sawyer	Do	300
42	Scavenger	Do	325
43	Syrang	Do	270
44	Tailor	Do	270
45	Tinker	Do	270
46	Turner I	Do	300
47	Turner II	Do	270
48	Watcher-Channel watcher,Dam watcher, bund and regulator	Do	225
49	Watcher Lift irrigation watcher	Do	225
50	Welder -Gas welding	Do	325
50a	Welder- Arch welding	Do	325
51	Well sinker-Ordinary	Do	270
52	Well sinker-Diver using diving set	Do	400
53	Well sinker-Diver without diving set	Do	325
54	Wireman	Do	290
55	Wireman- Assistant	Do	270
56	Wireman- Helper	Do	225
57	Wood cutter	Do	300
58	Moulder	Do	325
59	Tile paver	Do	325
60	Marble cutter	Do	350
61	Skilled Assistant (Engineering Degree Holder)	Do	600
62	Skilled Assistant (Diploma Holder)	Do	475
63	Skilled Assistant (I.T.I, I.T.C, etc.)	Do	350
64	Hardware Technician (Computer)	Do	350
65	Motor winder	Do	350
66	Technician- Electronic machinery	Do	350
67	Gardener	Do	270
68	Aluminium Fabricator	Do	325
<b>Note:-</b>	1. For Hilly areas 15 % increase in the rates may be allowed.		
	2. For difficult areas , restricted working hours etc. up to a 50 % increase in labour can be allowed subject to approval by the next higher authority.		
	3. This labour rate is applicable for Vol.II (Electrical schedule).		

## HIRE CHARGES

SI.No	Description of Machine	Unit	Rate in Rs.
1	Country Boat I class with 2 boatmen (10 to 14 tonnage ) (excluding wages of Boatman)	Per day	<b>675</b>
2	Boat II class with 2 boatmen (5 to 9 tonnage) ,,	Per day	<b>525</b>
3	Boat III class with 2 boatmen (1 to 4 tonnage) ,,	Per day	<b>415</b>
4	Bullock cart with pair of bulls and driver	Per day	<b>600</b>
5	Bulls (pair) with driver for grinding mortar	Per day	<b>450</b>
6	Bullock cart hire including bullocks and driver	per km	<b>20</b>
7	Boat hire for the first 25 Kms	per tonne km	<b>9</b>
8	Boat hire beyond first 25 kms	per tonne km	<b>9</b>
9	Hand cart hire 1 tonne capacity	per day	<b>75</b>
10	Hand cart hire 0.5 tonne capacity	per day	<b>45</b>
11	Motor lorry 5 tonnes and above	per running km	<b>25</b>
12	Mini Lorry -Below 5 tonne	per running km	<b>18</b>
13	Tipper 5 cum	per running km	<b>25</b>
14	Dozer D-50-A15	per hour	<b>1250</b>
15	Dozer D-80-A 12	per hour	<b>1800</b>
16	Motor Grader 3.35 metre blade	per hour	<b>1100</b>
17	Hydraulic Excavator of 1cum bucket	per hour	<b>1200</b>
18	Front end loader 1 cum bucket capacity	per hour	<b>800</b>
19	Vibratory Roller 8 tonne	per hour	<b>900</b>
20	Smooth wheeled Roller 8 tonne	per hour	<b>260</b>
21	Water tanker upto 6000 litres	per running km	<b>15</b>
22	Tractor	per hour	<b>200</b>
23	Rotavator	per hour	<b>75</b>
24	Tipper	per hour	<b>100</b>
25	Air compressor	per hour	<b>180</b>
26	Wet mix plant 60 TPH	per hour	<b>1000</b>
27	Mechanical Broom Hydraulic	per hour	<b>200</b>
28	Bitumen Pressure Distributor	per hour	<b>700</b>
29	Emulsion Pressure distributor	per hour	<b>530</b>
30	Hot mix plant-120 TPH capacity	per hour	<b>2500</b>
31	Hot mix plant-100 TPH capacity	per hour	<b>2200</b>
32	Hot mix plant-60 to 90 TPH capacity	per hour	<b>1800</b>
33	Hot mix plant-40to 60 TPH capacity	per hour	<b>1500</b>
34	Paver Finisher Hydrostatic with sensor control 100 TPH	per hour	<b>1250</b>
35	Paver Finisher Mechanical 100 TPH	per hour	<b>600</b>
36	Hydraulic Chip spreader	per hour	<b>1000</b>

37	Tandem Road Roller	per hour	<b>900</b>
38	Pneumatic Road Roller	per hour	<b>950</b>
39	Bitumen Boiler Oil Fired	per hour	<b>100</b>
40	GSB Plant 50 cum	per hour	<b>900</b>
41	Mastic cooker	per hour	<b>50</b>
42	Batching and mixing plant -a) 30 cum capacity	per hour	<b>1440</b>
43	Do b) 15 - 20 cum capacity	per hour	<b>1200</b>
44	Transit Mixer - a) 4.5 cum/hour	per hour	<b>600</b>
45	Do b) 3 cum/hour	per hour	<b>550</b>
46	Concrete pump of 45 & 30 cum capacity a) 33 cum/hour	per hour	<b>180</b>
47	Do b) 22 cum/hour	per hour	<b>140</b>
48	Cranes - a) 80 tonne	per hour	<b>1000</b>
49	Do b) 35 tonne	per hour	<b>600</b>
50	Do c) 3 tonne	per hour	<b>250</b>
51	Concrete Bucket	per hour	<b>10</b>
52	Kerb casting Machine	per hour	<b>200</b>
53	Concrete Mixer a) 0.4 / 0.28 cum	per hour	<b>150</b>
54	Do b) 1 cum	per hour	<b>200</b>
55	Piling Rig with Bantonite pump	per hour	<b>3750</b>
56	Generator a) 100 KVA	per hour	<b>700</b>
57	Do b) 33 KVA	per hour	<b>300</b>
58	Pneumatic sinking plant	per hour	<b>2750</b>
59	Truck 5.5 cum	per running km	<b>20</b>
60	Road marking machine	per hour	<b>80</b>
61	Mobile slurry seal equipment	per hour	<b>650</b>
<b>Note: The rate provided are including fuel, poil, consumables, crew charges etc.</b>			

**SECTION II: Rates of Materials**

<b>Sl. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Proposal for SoR 2010</b>
	<b>Bricks and Tiles</b>		
1	Wire cut bricks class I, platform or pallet moulded of size 19cm x 9cm x 9cm	1000 Nos	<b>4800</b>
2	Do. traditional bricks of size 22.9cm X 11.2cm X 7cm (Nominal size)	1000 Nos	<b>5300</b>
3	Sand lime bricks class I of size 19cm x 9cm x 9cm.	1000 Nos	<b>4500</b>
4	Country burnt bricks class I of size 19cm x 9cm x 9cm	1000 Nos	<b>2500</b>
5	Do. traditional size 22.9cm x 11.2cm x 7cm (Nominal size)	1000 Nos	<b>2800</b>
6	Paving or flooring tiles 225mm X 225mm (Nominal size) or nearest available size 1 <sup>st</sup> class	1000 Nos	<b>4800</b>
7	Fly ash bricks 19cm x 9cm x 9cm	1000 Nos	<b>3600</b>
8	Concrete hollow blocks 40cm X 20cm X 20cm IS 2185 Part I of 1979	100 Nos	<b>1500</b>
9	Concrete hollow blocks 40cm X 20cm X 15cm IS 2185 Part I of 1979	100 Nos	<b>1400</b>
10	Concrete hollow blocks 40cm X 20cm X 10cm IS 2185 Part I of 1979	100 Nos	<b>1250</b>
11	Solid Concrete blocks of size 40cm x 20cm x 20cm IS 2185 Part I of 1979	100 Nos	<b>2250</b>
12	Solid Concrete blocks of size 40cm x 20cm x 15cm IS 2185 Part I of 1979	100 Nos	<b>2100</b>
13	Solid Concrete blocks of size 40cm x 20cm x 10cm IS 2185 Part I of 1979	100 Nos	<b>1900</b>
14	Solid concrete interlocking blocks 100 mm thick IS 2185 Part I of 1979	m2	<b>450</b>
15	Solid concrete interlocking blocks 75 mm thick IS 2185 Part I of 1979	m2	<b>420</b>
16	MP roofing tiles, 340 mm nominal size or nearest available size - 1 <sup>st</sup> class	1000 Nos	<b>7000</b>
17	MP roofing tiles, 320 mm nominal size or nearest available size - 1 <sup>st</sup> class	1000 Nos	<b>6200</b>
18	MP Hip and ridge tiles 1st class	1000 Nos	<b>16000</b>
19	PWD or Rly. pattern roofing tiles	1000 Nos	<b>2500</b>
20	PWD Hip and ridge tiles	1000 Nos	<b>3500</b>
21	Ventilator or smoke tiles to match MP roofing tiles (Double)	Each	<b>100</b>
22	Ventilator or smoke tiles to match MP roofing tiles (Single)	Each	<b>80</b>
23	Sky lights with glass to match MP roofing tiles (Double)	Each	<b>85</b>
24	Sky lights with glass to match MP roofing tiles (Single)	Each	<b>55</b>
25	Facing tiles 224mm X 75mm X 12mm or nearest size	1000 Nos	<b>2400</b>



26	Interlocking cabbles 75mm thick (standard) Minimum strength 4.0 kg / cm <sup>2</sup>	m <sup>2</sup>	<b>380</b>
27	Interlocking cabbles 63mm thick (premium) Minimum strength 4.0 kg / cm <sup>2</sup>	m <sup>2</sup>	<b>470</b>
28	Designer tiles for external use	m <sup>2</sup>	<b>370</b>
	<b>Laterite &amp; rubble</b>		
29	Laterite stones 35cmx20cmx20cm roughly dressed	100 Nos	<b>1600</b>
30	Laterite stones 35cmx20cmx14cm roughly dressed	100 Nos	<b>1350</b>
31	Laterite stones 29cmx20cmx14cm roughly dressed	100 Nos	<b>1250</b>
32	Laterite rough stones including soling stones 150mm size	m <sup>3</sup>	<b>150</b>
33	Laterite boulders (quarry stones) for revetment	m <sup>3</sup>	<b>170</b>
34	Blasted rubble at quarry, 20 dm <sup>3</sup> to 40 dm <sup>3</sup> size	m <sup>3</sup>	<b>270</b>
35	Blasted rubble at quarry above 40 dm <sup>3</sup> size	m <sup>3</sup>	<b>270</b>
36	Coursed rubble stone for 1st sort work	m <sup>3</sup>	<b>520</b>
37	Split stone for ashlar masonry	m <sup>3</sup>	<b>580</b>
	<b>Hard Granite Broken Stones (For Concrete &amp; road works)</b>		
38	6 mm to 7 mm nominal size as per IS 383	m <sup>3</sup>	<b>520</b>
39	9 mm to 11 mm Do.	m <sup>3</sup>	<b>790</b>
40	11 mm to 12 mm Do.	m <sup>3</sup>	<b>740</b>
41	13 mm to 14mm Do.	m <sup>3</sup>	<b>690</b>
42	15 mm Do.	m <sup>3</sup>	<b>680</b>
43	18 mm to 19 mm Do.	m <sup>3</sup>	<b>660</b>
44	20 mm Do.	m <sup>3</sup>	<b>700</b>
45	22 mm to 24 mm Do.	m <sup>3</sup>	<b>650</b>
46	25 mm Do.	m <sup>3</sup>	<b>570</b>
47	26 mm to 27 mm Do.	m <sup>3</sup>	<b>530</b>
48	36 mm Do.	m <sup>3</sup>	<b>510</b>
49	37.5mm Do	m <sup>3</sup>	<b>500</b>
50	40 mm Do.	m <sup>3</sup>	<b>490</b>
51	45 mm Do.	m <sup>3</sup>	<b>480</b>
52	48 mm Do.	m <sup>3</sup>	<b>460</b>
53	50 mm Do.	m <sup>3</sup>	<b>450</b>
54	53 mm Do.	m <sup>3</sup>	<b>425</b>
55	60 mm Do.	m <sup>3</sup>	<b>410</b>
56	63 mm to 65 mm Do.	m <sup>3</sup>	<b>380</b>
57	72 mm Do.	m <sup>3</sup>	<b>360</b>
58	75 mm Do.	m <sup>3</sup>	<b>340</b>
59	90 mm Do.	m <sup>3</sup>	<b>300</b>

	<b>Other materials</b>		
60	River gravel (Silted Silicious)	m <sup>3</sup>	<b>135</b>
61	Cut Gravel	m <sup>3</sup>	<b>100</b>
62	River sand clean sharp and dry (for mortar)	m <sup>3</sup>	<b>1750</b>
63	Manufactured sand (for mortar)	m <sup>3</sup>	<b>1750</b>
64	Sand for filling	m <sup>3</sup>	<b>450</b>
65	Shell lime slacked	m <sup>3</sup>	<b>1800</b>
66	Shell lime quick	m <sup>3</sup>	<b>2500</b>
67	Surki 1st class	m <sup>3</sup>	
68	Brick Jelly, 20mm to 40mm ring	m <sup>3</sup>	<b>225</b>
69	Laterite chips	m <sup>3</sup>	<b>110</b>
70	Red earth for binding	m <sup>3</sup>	<b>125</b>
71	Clay for puddle and masonry	m <sup>3</sup>	<b>90</b>
72	Earth for filling	m <sup>3</sup>	<b>100</b>
73	Quarry dust	m <sup>3</sup>	<b>100</b>
74	Flyash	m <sup>3</sup>	<b>140</b>
75	Cement (Portland) in 50 Kg bags/packets	Tonne	<b>4700</b>
76	White Cement	Kg	<b>15</b>
	<b>Timber</b>		
77	Anjily or Ayani Export	m <sup>3</sup>	<b>36000</b>
78	Anjily or Ayani	m <sup>3</sup>	<b>25000</b>
79	Irul or Kadamaram	m <sup>3</sup>	<b>23000</b>
80	Kambagam (Kongu) (pongu) Thambakam	m <sup>3</sup>	<b>33000</b>
81	Maruthy (Pillamarudu)	m <sup>3</sup>	<b>18500</b>
82	Myla	m <sup>3</sup>	<b>21000</b>
83	Manjakadambu (Vemb)	m <sup>3</sup>	<b>35000</b>
84	Mavu or Mango	m <sup>3</sup>	<b>7200</b>
85	Mahagany	m <sup>3</sup>	<b>34000</b>
86	Plavu (Jack wood)	m <sup>3</sup>	<b>27000</b>
87	Pincoda	m <sup>3</sup>	<b>40250</b>
88	Padauck	m <sup>3</sup>	<b>42000</b>
89	Purple Heart (Violet)	m <sup>3</sup>	<b>40200</b>
90	Burma Teak	m <sup>3</sup>	<b>82000</b>
91	Gurjan	m <sup>3</sup>	<b>31500</b>
92	Rubber wood treated	m <sup>3</sup>	<b>16000</b>
93	Teak wood (export quality) girth 183 cm and above, length 3 m and above	m <sup>3</sup>	<b>95000</b>

94	Teak wood I 150cm	Do.	m <sup>3</sup>	<b>85000</b>
95	Teak wood II 100 to 149 cm	Do.	m <sup>3</sup>	<b>77000</b>
96	Teak wood III 76 to 99 cm	Do.	m <sup>3</sup>	<b>70000</b>
97	Teak wood IV 53 to 75 cm	Do.	m <sup>3</sup>	<b>33000</b>
98	Teak saplings I A (length 12 m and above)		Each	<b>9300</b>
99	Teak saplings I B (length above 9 m upto 11.99 m and girth 65 cm to 75 cm)		Each	<b>6000</b>
100	Teak saplings I C (length above 6 m up to 8.99 m and girth 65 cm to 75 cm)		Each	<b>5600</b>
101	Teak saplings I D below 6m length and girth 65cm to 57cm.		Each	<b>4600</b>
102	Teak saplings II A (length 12 m and above and girth 53 cm to 64 cm)		Each	<b>4150</b>
103	Teak saplings II B (length above 9.0 m upto 11.99 m and girth 53 cm to 64 cm)		Each	<b>3800</b>
104	Teak poles II C (length above 6.0 m upto 8.99 m and girth 53 cm to 64 cm)		Each	<b>3500</b>
105	Teak poles II D (length below 6.0 m and girth 53 cm to 64 cm)		Each	<b>2125</b>
106	Teak poles III (Minimum length 6.0 m and girth 41 cm to 52 cm)		Each	<b>1550</b>
107	Teak poles IV (Minimum length 6.0 m and girth 28 cm to 40 cm)		Each	<b>480</b>
108	Teak poles V (Minimum length 6.0 m and girth 15 cm to 27 cm)		Each	<b>155</b>
109	Tempavu or Karimaruthu		m <sup>3</sup>	<b>25000</b>
110	Vengai		m <sup>3</sup>	<b>22500</b>
111	Venteak		m <sup>3</sup>	<b>19000</b>
112	Bamboo 1st class 9 m long		Each	<b>105.00</b>
113	Coconut trees 6 m to 9 m long		Each	<b>525.00</b>
114	Palmyrah trees 9 m long		Each	<b>550.00</b>
115	Arecanut trees 9 m long		Each	<b>225.00</b>
116	Arecanut trees <sup>1</sup> / <sub>3</sub> split		m	<b>19.00</b>
117	Plaited coconut cadjan madals		100 Nos	<b>750.00</b>
118	Green coconut cadjan madals		Each	<b>7.00</b>
119	Ettamats		m <sup>2</sup>	<b>38.00</b>
120	Ettamats outer skin		m <sup>2</sup>	<b>50.00</b>
121	Bamboo reepers		m	<b>5.50</b>
122	Arecanut reepers		m	<b>5.50</b>
123	Casuarina poles 6 m long and girth 25 cm to 40 cm		Each	<b>170.00</b>
124	Casuarina poles 6 m long and girth 15 cm to 24 cm		do	<b>100.00</b>
	<b>Steel bars, angles, flats, joists and plates</b>			
125	MS Rounds and Squares		Qtl	<b>3250.00</b>
126	MS Angles, flats		do	<b>3800.00</b>
127	MS Channels		do	<b>3800.00</b>
128	MS Joists		do	<b>4200.00</b>

129	TMT Steel	do	<b>4472.00</b>
130	MS Plate	do	<b>3600.00</b>
131	Stainless stell square/rectangular pipe	do	<b>13500.00</b>
132	Stainless steel pipe for hand rails 202 grade	do	<b>14500.00</b>
133	Stainless steel pipe for hand rails 304 grade	do	<b>26000.00</b>
	<b>Iron bolts and nuts</b>		
134	6 mm or nearest size	Kg	<b>65.00</b>
135	8 mm do.	Kg	<b>65.00</b>
136	10 mm do.	Kg	<b>65.00</b>
137	12 mm do.	Kg	<b>65.00</b>
138	16 mm do.	Kg	<b>65.00</b>
139	20 mm do.	Kg	<b>65.00</b>
140	22 mm do.	Kg	<b>65.00</b>
141	25 mm do.	Kg	<b>65.00</b>
	<b>Iron nuts</b>		
142	12 mm or nearest size	Kg	<b>65.00</b>
143	16 mm do.	Kg	<b>65.00</b>
144	20 mm do.	Kg	<b>65.00</b>
145	22 mm do.	Kg	<b>65.00</b>
146	25 mm do.	Kg	<b>65.00</b>
147	GI Hook or crank bolts and nuts	Kg	<b>65.00</b>
	<b>Parliament Hinges - Iron</b>		
148	50 mm or nearest available sizes best quality	10 Nos	<b>85.00</b>
149	65mm do.	do	<b>100.00</b>
150	75mm do.	do	<b>115.00</b>
151	100mm do.	do	<b>200.00</b>
152	125mm do.	do	<b>225.00</b>
153	150mm do.	do	<b>240.00</b>
	<b>Butt Hinges - Iron</b>		
154	50mm or nearest available size, best quality	10 Nos	<b>32.00</b>
155	65mm do.	do	<b>36.00</b>
156	75mm do.	do	<b>42.00</b>
157	100mm do.	10 Nos	<b>85.00</b>
158	125mm do.	10 Nos	<b>120.00</b>
159	150mm do.	10 Nos	<b>200.00</b>

160	Spring hinges of best quality - Iron (75mm)	Pair	<b>55.00</b>
	<b>Butt Hings - Brass</b>		
161	50mm or nearest available size, best quality	10 Nos	<b>110.00</b>
	<b>Barrel Tower Bolts - Iron</b>		
162	75mm or nearest available size	10 Nos	<b>65.00</b>
163	100mm do.	do	<b>67.00</b>
164	150mm do.	10 Nos	<b>95.00</b>
165	200mm do.	do	<b>130.00</b>
166	250mm do.	do	<b>160.00</b>
167	300mm do.	do	<b>200.00</b>
	<b>Screws - Iron</b>		
168	12 mm or nearest available size (3, 4 & 5)	10 Nos	<b>2.20</b>
169	20 mm do (4)	do	<b>2.20</b>
170	20 mm do (5)	do	<b>2.80</b>
171	20 mm do (6)	do	<b>2.80</b>
172	20 mm do (7)	do	<b>3.30</b>
173	25 mm do (5)	do	<b>3.30</b>
174	25 mm do (6)	do	<b>3.30</b>
175	25 mm do (7)	do	<b>3.50</b>
176	25 mm do (8)	do	<b>4.20</b>
177	30 mm do (7)	do	<b>4.50</b>
178	30 mm do (8)	do	<b>4.50</b>
179	30 mm do (9)	do	<b>5.20</b>
180	30 mm do (10)	do	<b>6.50</b>
181	35 mm or nearest available size (7)	do	<b>4.50</b>
182	35 mm do (8)	do	<b>5.20</b>
183	35 mm do (9)	do	<b>5.20</b>
184	35 mm do (10)	do	<b>6.50</b>
185	50 mm do (8)	do	<b>6.50</b>
186	50 mm do (9)	do	<b>8.00</b>
187	50 mm do (10)	do	<b>8.25</b>
188	50 mm do (12)	do	<b>8.25</b>
	<b>Screws - Steel</b>		
189	12 mm or nearest available size (3)	10 Nos	<b>2.80</b>
190	12 mm do (4)	do	<b>2.80</b>
191	12 mm do (5)	do	<b>2.80</b>

192	20 mm or nearest available size (4)	do	<b>6.50</b>
193	20 mm do (5)	do	<b>6.50</b>
194	20 mm do (6)	do	<b>6.50</b>
195	20 mm do (7)	do	<b>6.50</b>
196	25 mm or nearest available size (6)	do	<b>7.50</b>
197	25 mm do (7)	do	<b>7.50</b>
198	25 mm do (8)	10 Nos	<b>7.50</b>
199	30 mm or nearest available size (7)	do	<b>10.00</b>
200	30 mm do (8)	do	<b>10.00</b>
201	35 mm or nearest available size (8)	do	<b>15.50</b>
202	35 mm do (9)	do	<b>15.50</b>
203	35 mm do (10)	do	<b>15.50</b>
204	50 mm or nearest available size (8)	10 Nos	<b>21.00</b>
205	50 mm do (9)	10 Nos	<b>21.00</b>
206	50 mm do (10)	do	<b>21.00</b>
	<b>Screws - Brass</b>		
207	20mm or nesrest availabe size, best quality	10 Nos	<b>10.00</b>
208	25mm or nesrest availabe size, best quality	do	<b>18.00</b>
209	30mm or nesrest availabe size, best quality	do	<b>20.00</b>
210	35mm or nesrest availabe size, best quality	do	<b>30.00</b>
211	40mm or nesrest availabe size, best quality	do	<b>35.00</b>
212	50mm or nesrest availabe size, best quality	do	<b>38.00</b>
	<b>Butt Hinges - Anodised Aluminium</b>		
213	50 mm or nearest available size, best quality	10 Nos	<b>100.00</b>
214	65 mm do.	10 Nos	<b>110.00</b>
215	75 mm do.	do	<b>210.00</b>
216	100 mm do.	do	<b>250.00</b>
217	125 mm do.	do	<b>285.00</b>
218	150 mm do.	do	<b>320.00</b>
	<b>Barrel Tower Bolts - Anodised Aluminium</b>		
219	75mm or nearest available size, best quality	10 Nos	<b>110.00</b>
220	100mm do.	do	<b>250.00</b>
221	150mm do.	do	<b>320.00</b>
222	200mm do.	do	<b>360.00</b>
223	250mm do.	do	<b>440.00</b>
224	300mm do.	do	<b>520.00</b>

	<b>Door and Window Plate Handle - Aluminium (Hexagonal of fluted)</b>		
225	175mm or nearest available size, best quality	10 nos	<b>550.00</b>
226	225mm do.	do	<b>725.00</b>
	<b>Door and Window handles without plates -Aluminium</b>		
227	100mm or nearest size, best quality	10 Nos	<b>275.00</b>
228	150mm do.	do	<b>250.00</b>
229	175mm do.	10 Nos	<b>400.00</b>
230	200mm do.	do	<b>550.00</b>
	<b>Hooks and Eyes - Aluminium</b>		
231	150mm or nearest available size, best quality	10 Nos	<b>200.00</b>
	<b>Aldrop - Aluminium</b>		
233	200 mm or nearest available size with 16 mm dia rod - best quality	10 Nos	<b>1100.00</b>
	<b>Nails &amp; wires - Iron</b>		
234	Spike nails of various size - Iron, best quality	kg	<b>55.00</b>
235	Wire nails of various size - Iron, best quality	do	<b>42.00</b>
236	Iron wire for tying grills (16)	do	<b>44.00</b>
237	Iron wire for tying grills (22)	do	<b>70.00</b>
238	Iron wire for tying grills (24)	do	<b>70.00</b>
239	Automatic hydraulic door closer, best quality	do	<b>1250.00</b>
	<b>Hasps and Staples</b>		
240	150 mm or nearest size (Iron)	Each	<b>22.00</b>
241	150 mm or nearest size (brass, nickel plated)	do	<b>60.00</b>
	<b>Door and Window Handles-Brass</b>		
242	75 mm or nearest size	Each	<b>30.00</b>
243	100 mm or nearest size	do	<b>40.00</b>
244	125 mm or nearest size	do	<b>60.00</b>
245	150 mm or nearest size	do	<b>62.00</b>
	<b>Hooks and Eyes-Iron</b>		
246	60 mm or nearest size	10 Nos	<b>17.00</b>
247	75 mm do.	10 Nos	<b>20.00</b>
248	100 mm do.	10 Nos	<b>26.00</b>
249	200 mm do.	do	<b>50.00</b>
250	250 mm do.	do	<b>68.00</b>
	<b>Lock items</b>		
251	Padlock 50 mm or nearest size (6 lever), best quality	Each	<b>120.00</b>
252	Padlock 65 mm or nearest size (7 lever), best quality	do	<b>185.00</b>

253	Mortise lock with handles (6 lever), best quality	Each	<b>750.00</b>
254	Wrought iron coupling 20 mm dia or nearest size	do	
	<b>Galvanised iron items</b>		
255	GI Fencing wire No. 6 stranded	Qtl.	<b>4000.00</b>
256	GI Barbed wire	Qtl.	<b>4000.00</b>
257	GI Staples	Qtl.	<b>4300.00</b>
258	GI Straining bolts and nuts 375mm x 15mm or nearest size	kg	<b>45.00</b>
259	GI bolts and nuts 20 mm x 6 mm or nearest available size	do	<b>50.00</b>
260	GI Washer for bolts and nuts	do	<b>42.00</b>
261	GI 'J' or 'L' hook with bolt and nuts - 8mm dia.	each	<b>10.00</b>
262	Expanded metal of size 12.5 mm or nearest size	m <sup>2</sup>	<b>120.00</b>
263	Expanded metal of size 20 mm or nearest size	m <sup>2</sup>	<b>105.00</b>
	<b>Welded Mesh</b>		
264	50 mm x 50 mm - 10G x 10G	m <sup>2</sup>	<b>175.00</b>
265	75 mm x 50 mm - 10G x 10G	m <sup>2</sup>	<b>190.00</b>
266	75 mm x 50 mm - 10G x 6G	m <sup>2</sup>	<b>130.00</b>
267	75 mm x 75mm - 10G x 10G	do	<b>135.00</b>
268	Chicken mesh	m <sup>2</sup>	<b>30.00</b>
269	Lead washers	kg	<b>78.00</b>
270	Copper sheets	kg	<b>420.00</b>
271	Iron tacks	Doz.	<b>2.20</b>
	<b>Roofing sheets</b>		
272	GI Plain sheets 1.60 mm thick	Tonne	<b>42000.00</b>
273	GI Plain sheets 1.25 mm thick	do	<b>42000.00</b>
274	GI Plain sheets 1.00 mm thick	do	<b>42000.00</b>
275	GI Plain sheets 0.80 mm thick	do	<b>42000.00</b>
276	GI Corrugated sheets 1.00 mm thick	Tonne	<b>43000.00</b>
277	GI Corrugated sheets 0.80 mm thick	do	<b>43000.00</b>
278	GI Corrugated sheets 0.63 mm thick	do	<b>43000.00</b>
279	Fibre glass 1 mm thick, corrugated or trafford	do	<b>1100.00</b>
280	Asbestos cement sheet, plain	m <sup>2</sup>	<b>120.00</b>
281	Asbestos corrugated or trafford profile	do	<b>150.00</b>
282	Asbestos cement ridges	Pair	<b>150.00</b>
283	Asbestos cement Northlight	Each	<b>200.00</b>
284	Pre-painted galvanised steel sheet 0.5 mm thick	m <sup>2</sup>	<b>160.00</b>
285	Pre-painted galvanised steel sheet 0.6 mm thick	m <sup>2</sup>	<b>175.00</b>



286	Pre-painted galvanised steel sheet 1 mm thick	m <sup>2</sup>	<b>210.00</b>
287	Pre-painted Alu-Zinc steel sheet 0.5 mm thick	m <sup>2</sup>	<b>190.00</b>
288	Pre-painted Alu-Zinc steel sheet 0.6 mm thick	m <sup>2</sup>	<b>210.00</b>
289	Pre-painted Alu-Zinc steel sheet 1mm thick	m <sup>2</sup>	<b>240.00</b>
290	Pre-painted galvanised steel plain ridges	m	<b>210.00</b>
291	Aluminium trafford profile sheet, powder coated	m <sup>2</sup>	<b>520.00</b>
292	Aluminium corrugated sheet, powder coated	m <sup>2</sup>	<b>600.00</b>
293	PVC corrugated roofing sheet	m <sup>2</sup>	<b>110.00</b>
294	PVC transparent sheet - imm thick or nearest size	m <sup>2</sup>	<b>125.00</b>
295	Polycarbonate multiwall sheet 5 mm thick	m <sup>2</sup>	<b>1350.00</b>
296	Polycarbonate multiwall sheet 6 mm thick	m <sup>2</sup>	<b>1600.00</b>
297	Polycarbonate multiwall sheet 8 mm thick	m <sup>2</sup>	<b>2000.00</b>
298	Polycarbonate corrugated sheet 0.8 mm thick	m <sup>2</sup>	<b>1300.00</b>
299	Polycarbonate compact sheet 2 mm thick	m <sup>2</sup>	<b>2500.00</b>
300	Polycarbonate compact sheet 3 mm thick	m <sup>2</sup>	<b>3000.00</b>
301	Polycarbonate compact sheet 4 mm thick	m <sup>2</sup>	<b>3500.00</b>
302	Polycarbonate compact sheet 5 mm thick	m <sup>2</sup>	<b>4000.00</b>
303	150mm PVC split pipe for rain water gutter	m	<b>68.00</b>
	<b>Glass items</b>		
304	Glass sheet plain 2 mm thick	m <sup>2</sup>	<b>125.00</b>
305	Glass sheet plain 3 mm thick	do	<b>235.00</b>
306	Glass sheet plain 4 mm thick	do	<b>300.00</b>
307	Glass sheet plain 5.5 mm thick	do	<b>410.00</b>
308	Pin headed glass 3mm thick	do	<b>190.00</b>
309	Armoured glass	do	<b>480.00</b>
310	Frosted glass 3 mm thick	do	<b>350.00</b>
311	Frosted glass 4 mm thick	do	<b>420.00</b>
312	Frosted glass 5.5 mm thick	do	<b>500.00</b>
313	Ordinary reflective glass 5.5mm thick	do	<b>1000.00</b>
	<b>Toughened Safety Glass</b>		
314	Toughened Safety Glass without Tong 4 mm thick	m <sup>2</sup>	<b>525</b>
315	Do 5 mm thick	m <sup>2</sup>	<b>600</b>
316	Do 6 mm thick	m <sup>2</sup>	<b>750</b>
317	Do 8 mm thick	m <sup>2</sup>	<b>1375</b>
318	Do 10 mm thick	m <sup>2</sup>	<b>1750</b>
319	Do 12 mm thick	m <sup>2</sup>	<b>2000</b>

320	Toughened reflective glass 5.5mm thick	m <sup>2</sup>	<b>2000</b>
	<b>Oils, Paints and Varnishes</b>		
321	Wood oil	Litre	<b>58.00</b>
322	Linsed oil double boiled	do	<b>58.00</b>
323	Turpentine, best quality	do	<b>48.00</b>
324	Copal varnish	do	<b>105.00</b>
325	Aluminium paint	Litre	<b>150.00</b>
326	Black Japan paint	do	<b>57.00</b>
327	Excelent Textured matt finish paint with acrylic base	do	<b>190.00</b>
328	Ready mixed paint assorted colours, best quality	do	<b>126.00</b>
329	Plastic Emulsion paint	do	<b>180.00</b>
330	Synthetic enamel paint	do	<b>162.00</b>
331	Water proof cement paints	kg	<b>24.00</b>
332	Anti fungal/wather proof external paint	Litre	<b>320.00</b>
333	Fire retardant paint	litre	<b>300.00</b>
334	Oil bound distemper	do	<b>63.00</b>
335	Oil bound distemper-acrylic	do	<b>68.00</b>
336	Dark/medium shade pigment	kg	<b>60.00</b>
337	Anti-corrosive bituminous black paint	do	<b>62.00</b>
338	Red oxide primer (Iron primer), first quality	Litre	<b>85.00</b>
339	Wood primer	do	<b>85.00</b>
340	Distemper primer/wall primer	do	<b>60.00</b>
341	Wood kote paint or equivalent.	do	<b>100.00</b>
342	Epoxy coal tar paint	Litre	<b>150.00</b>
343	Zinc rich primer	Litre	<b>133.00</b>
344	Putty	Kg	<b>32.00</b>
345	Mansion polish	do	<b>200.00</b>
346	French polish	Litre	<b>96.00</b>
347	Cardinal polish red	400 gms	<b>90.00</b>
348	Bee wax	kg	<b>81.00</b>
349	Red oxide powder, 1st quality	kg	<b>81.00</b>
350	Black oxide power, 1st quality	kg	<b>54.00</b>
351	Silicon sealant for exterior use	Litre	<b>1000.00</b>
352	Fish oil	Litre	<b>33.00</b>
353	Diesel oil	Litre	<b>36.00</b>
354	Kerosene	Litre	<b>26.00</b>

355	Petrol	do	<b>48.00</b>
356	Engine oil	do	<b>110.00</b>
357	Crude oil	do	<b>13.00</b>
	<b>Water proofing items/concrete admixtures</b>		
358	Water proofing compound	kg	<b>28.00</b>
359	Acrylic Polymer pulverised mineral powder	kg	<b>28.00</b>
360	Acrylic Polymer Bonding Agent	kg	<b>340.00</b>
361	Organo-silane, nano size 4-6 mm particles, water based water proofing compound	Litre	<b>1050.00</b>
362	Nano size water based primer/ bonding material	Litre	<b>1500.00</b>
363	Polyster/polypropelene synthetic fibre triangular	kg	<b>336.00</b>
	<b>Acrylic Polymer Protective Coating ( For Bridges, Water Tank etc)</b>		
364	Water based elastomeric dispersion system	Kg	<b>280.00</b>
365	Polymer primer	Kg	<b>130.00</b>
	<b>Bitumen - Bulk</b>		
366	Natural Rubber Modified Bitumen	Tonne	<b>34749</b>
367	Bitumen VG-10 (80/100 grade)	do	<b>32237</b>
368	Bitumen VG-30 (60/70 grade)	do	<b>33189</b>
369	Bitumen Emulsion (RS)	do	<b>28951</b>
370	Bitumen Emulsion (SS)	do	<b>29296</b>
	<b>Bitumen with container (Packed)</b>		
371	Natural Rubber Modified Bitumen	Tonne	<b>38558</b>
372	Bitumen VG-10 (80/100 grade)	do	<b>35927</b>
373	Bitumen- VG-30 (60/70 grade)	do	<b>36879</b>
374	Bitumen Emulsion (RS)	do	<b>34903</b>
375	Bitumen Emulsion (SS)	do	<b>36439</b>
	<b>Steel Materials</b>		
376	Rolling shutter	m <sup>2</sup>	<b>1400.00</b>
377	Top cover shutter	m	<b>450.00</b>
378	Collapsible gate	m <sup>2</sup>	<b>1400.00</b>
379	Welding Electrode (8 g)	100 Nos	<b>420.00</b>
380	Welding Electrode (10 g)	100 Nos	<b>200.00</b>
381	Welding Electrode (12 g)	do	<b>220.00</b>
382	MS Rivets	Kg	<b>50.00</b>
383	Steel wire rope	kg	<b>45.00</b>
384	MS pipe	Qtl	<b>3800.00</b>

	<b>Coir Items</b>		
385	Coir rope	kg	<b>60.00</b>
386	Coir Yarn	kg	<b>120.00</b>
387	Coir Matings ordinary M4A3 in different colours	m <sup>2</sup>	<b>120.00</b>
388	Coir Matings ordinary M4R3 in different colours	m <sup>2</sup>	<b>120.00</b>
389	Coir mattings Superior quality Sk-1 different colours	m <sup>2</sup>	<b>256.00</b>
390	Coir mattings Superior quality Sk-1(50% bleach and 50% dyed)	m <sup>2</sup>	<b>230.00</b>
391	Coir mattings Superior quality Vc-8 File carpet	m <sup>2</sup>	<b>900.00</b>
392	Coir foot mat FM3 Fancy	m <sup>2</sup>	<b>1140.00</b>
393	Coir foot mat RC3 Fancy	m <sup>2</sup>	<b>270.00</b>
394	Coir foot mat SR2 Fancy	m <sup>2</sup>	<b>438.00</b>
395	Coir foot mat RL2 Fancy	m <sup>2</sup>	<b>352.00</b>
396	Coir foot mat VRI Inlaid	m <sup>2</sup>	<b>546.00</b>
	<b>Rubberised coir products</b>		
397	Mattress 180 cm x 90 cm x 10 cm	Each	<b>2410.00</b>
398	Mattress 180 cm x 90 cm x 7.5 cm	Each	<b>1975.00</b>
399	Mattress 180 cm x 75 cm x 10 cm	Each	<b>2160.00</b>
400	Mattress 180 cm x 75 cm x 7.5 cm	Each	<b>1795.00</b>
401	Mattress 187 cm x 75 cm x 10 cm	Each	<b>2210.00</b>
402	Mattress 187 cm x 75 cm x 7.5 cm	Each	<b>1830.00</b>
403	Mattress 187 cm x 90 cm x 10 cm	Each	<b>2475.00</b>
404	Mattress 187cm x 75 cm x 7.5cm	Each	<b>2015.00</b>
405	Mattress 180 cm x 120 cm x 10 cm	Each	<b>3115.00</b>
406	Mattress 180 cm x 120 cm x 7.5 cm	Each	<b>2530.00</b>
407	Pillow 60 cm x 35 cm x 12 cm	Each	<b>260.00</b>
408	Cushion 50 cm x 50 cm x 5 cm	Each	<b>275.00</b>
409	Cushion 45 cm x 45 cm x 5 cm	Each	<b>190.00</b>
410	Cushion 45 cm x 40m x 5 cm	Each	<b>165.00</b>
411	Cushion 37 cm x 37 cm x 5 cm	Each	<b>150.00</b>
	<b>Geotextiles - Coir</b>		
412	Coir Geotextiles - 400 gsm	m <sup>2</sup>	<b>18.00</b>
413	Coir Geotextiles - 700 gsm	m <sup>2</sup>	<b>29.00</b>
414	Coir Geotextiles - 740 gsm	m <sup>2</sup>	<b>30.00</b>
415	Coir Geotextiles - 900 gsm	m <sup>2</sup>	<b>40.00</b>
416	Geotextiles -Synthetic	m <sup>2</sup>	<b>59.00</b>
417	Geogrids	m <sup>3</sup>	<b>300</b>

418	Polymer braids	m	<b>20</b>
419	Gabionbox of size 2m x 1m x 1m	Each	<b>1950</b>
420	Gabionbox of size 1m x 1m x 1m	Each	<b>1073</b>
421	Gabionbox of size 1m x 1m x 0.5m	Each	<b>720</b>
	<b>Floor Paving stones</b>		
422	Cuddapah slab for counter	m <sup>2</sup>	<b>280.00</b>
423	Cuddapah Stone	m <sup>2</sup>	<b>240.00</b>
424	Kottah Stones	m <sup>2</sup>	<b>480.00</b>
425	Kottah Smaller tiles	m <sup>2</sup>	<b>390.00</b>
426	Shahabad stones oneside polished	m <sup>2</sup>	<b>350.00</b>
427	Shabad Smaller tiles	m <sup>2</sup>	<b>280.00</b>
428	Ceramic floor tiles, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>320.00</b>
429	Glazed tiles of marble finish, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>330.00</b>
430	Glazed tiles - mat finish, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>330.00</b>
431	Rectified tiles - joint free, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>350.00</b>
432	Vitrified tiles -90 cm x 90 cm, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>650.00</b>
433	Vitrified tiles - 60 cm x 60 cm, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>570.00</b>
434	Vitrified tiles - 30 cm x 30 cm, 1st quality confirming to IS 15622	m <sup>2</sup>	<b>540.00</b>
435	Marble stone pieces for crazy flooring	Qtl	<b>200.00</b>
436	Marble Chips of various colours	Qtl	<b>200.00</b>
	<b>Marble slabs (16 mm thick)</b>		
437	Grey	m <sup>2</sup>	<b>520.00</b>
438	Black	m <sup>2</sup>	<b>560.00</b>
439	White superior quality for special works	m <sup>2</sup>	<b>1100.00</b>
440	White ordinary	m <sup>2</sup>	<b>610.00</b>
441	Pink	m <sup>2</sup>	<b>480.00</b>
442	Green	m <sup>2</sup>	<b>600.00</b>
443	Brown	m <sup>2</sup>	<b>520.00</b>
	<b>Marble Tiles</b>		
444	Square tiles of size 30 to 50 cm	m <sup>2</sup>	<b>190.00</b>
445	Square tiles of size 60 to 75 cm	m <sup>2</sup>	<b>225.00</b>
	<b>Granite Polished Slab (18 mm thick)</b>		
446	Jet black	m <sup>2</sup>	<b>1200.00</b>
447	Telephone black	do	<b>1750.00</b>
448	Jem red	do	<b>1700.00</b>
449	Cats eye red	do	<b>1500.00</b>

450	Hassan green	do	950.00
451	Pista green	do	1250.00
452	Mayflour white	do	2200.00
453	Rosy pink	do	850.00
<b>Granite polished tiles of size 60 cm x 30 cm and 10 cm thick</b>			
454	Jet black	m <sup>2</sup>	600.00
455	Telephone black	m <sup>2</sup>	850.00
456	Jem red	m <sup>2</sup>	850.00
457	Cats eye red	m <sup>2</sup>	750.00
458	Hassan green	m <sup>2</sup>	475.00
459	Pista green	m <sup>2</sup>	620.00
<b>Note:-</b> The material having hair line cracks or material that have been filled with shall not be used on any account.			
<b>Mosaic coloured tiles 25 cm x 25 cm or nearest size 22 mm thick as per IS: 237-1959</b>			
460	Grey	10 m <sup>2</sup>	1170.00
461	Pearl	do	1246.00
462	Silver grey	do	1514.00
463	Merry gold	do	1511.00
464	Red or Chocolate	do	1511.00
465	Black	do	1323.00
466	Yellow	do	1549.00
<b>Mosaic coloured tiles 30 cm x 30 cm or nearest size, 25 mm thick as per BIS Specifications</b>			
467	Grey	10 m <sup>2</sup>	1175.00
468	Pearl	do	1229.00
469	Silver grey	do	1894.00
470	Merry gold	do	1894.00
471	Red or Chocolate	do	1894.00
472	Black	do	1558.00
473	Yellow	do	1932.00
<b>Plywood and partition items</b>			
474	Commercial Plywood 4 mm thick, 3 ply	m <sup>2</sup>	162.00
475	Commercial Plywood 6 mm thick, 3 ply	m <sup>2</sup>	227.00
476	Commercial Plywood 8 mm thick, 5 ply	m <sup>2</sup>	273.00
477	Commercial Plywood 9 mm thick, 5 ply	m <sup>2</sup>	297.00
478	Commercial Plywood 12 mm thick, 7 ply	m <sup>2</sup>	372.00
479	Commercial Plywood 16 mm thick, 7 ply	m <sup>2</sup>	447.00

480	Commercial Plywood 18 mm thick, 9 ply	m <sup>2</sup>	<b>521.00</b>
481	Commercial Plywood 25 mm thick, 11 ply	m <sup>2</sup>	<b>659.00</b>
482	Shuttering Plywood, water resistant, 4 mm thick	m <sup>2</sup>	<b>324.00</b>
483	Shuttering Plywood, water resistant, 6 mm thick	m <sup>2</sup>	<b>362.00</b>
484	Shuttering Plywood, water resistant, 9 mm thick	m <sup>2</sup>	<b>521.00</b>
485	Shuttering Plywood, water resistant, 16 mm thick	m <sup>2</sup>	<b>607.00</b>
486	Shuttering Plywood, water resistant, 19 mm thick	m <sup>2</sup>	<b>875.00</b>
487	Shuttering Plywood, water resistant, 12 mm thick	m <sup>2</sup>	<b>1006.00</b>
488	Commercial block boards 19mm thick	m <sup>2</sup>	<b>370.00</b>
489	Commercial block boards 25 mm thick	m <sup>2</sup>	<b>447.00</b>
490	Commercial block boards 30 mm thick	m <sup>2</sup>	<b>521.00</b>
491	Teak wood veneer board 4 mm thick	m <sup>2</sup>	<b>187.00</b>
492	Teak wood veneer 4 mm thick, without ply	m <sup>2</sup>	<b>177.00</b>
493	Decorative Teak plywood 3.5 mm thick	m <sup>2</sup>	<b>343.00</b>
494	Decorative Teak plywood 6 mm thick	m <sup>2</sup>	<b>424.00</b>
495	Decorative Teak plywood 9 mm thick	m <sup>2</sup>	<b>559.00</b>
496	Decorative Teak plywood 12 mm thick	m <sup>2</sup>	<b>674.00</b>
497	Teak wood veneered block board 25mm thick	m <sup>2</sup>	<b>807.00</b>
498	Teak wood veneered block board 30 mm thick	m <sup>2</sup>	<b>1068.00</b>
499	Hard board 4 mm thick	m <sup>2</sup>	<b>74.00</b>
500	Laminated sheets 8 mm thick	m <sup>2</sup>	<b>190.00</b>
501	Laminated sheets 9 mm thick	m <sup>2</sup>	<b>323.00</b>
502	Laminated sheets 10 mm thick	m <sup>2</sup>	<b>405.00</b>
503	Thermocoal 12 mm or nearest thickness	m <sup>2</sup>	<b>30.00</b>
504	Thermocoal 20 mm or nearest thickness	m <sup>2</sup>	<b>55.00</b>
505	Flexible ply wood 3.5 mm thick	m <sup>2</sup>	<b>313.00</b>
506	Flexible ply wood 6 mm thick	m <sup>2</sup>	<b>468.00</b>
507	Flexible ply wood 7.5 mm thick	m <sup>2</sup>	<b>550.00</b>
508	Architect Plywood Classic 4 mm thick	m <sup>2</sup>	<b>275.00</b>
509	Architect Plywood Classic 6 mm thick	m <sup>2</sup>	<b>413.00</b>
510	Architect Plywood Classic 9 mm thick	m <sup>2</sup>	<b>484.00</b>
511	Architect Plywood Classic 12 mm thick	m <sup>2</sup>	<b>616.00</b>
512	Architect Plywood Classic 16 mm thick	m <sup>2</sup>	<b>814.00</b>
513	Architect Plywood Classic 19 mm thick	m <sup>2</sup>	<b>951.00</b>
514	Architect Plywood Classic 25 mm thick	m <sup>2</sup>	<b>1413.00</b>
515	Architect Plywood Classic 30 mm thick	m <sup>2</sup>	<b>1765.00</b>

516	Plain particle board 12 mm thick	m <sup>2</sup>	<b>281.00</b>
517	Plain particle board 18 mm thick	m <sup>2</sup>	<b>341.00</b>
518	Plain particle board 25 mm thick	m <sup>2</sup>	<b>420.00</b>
519	Prelaminated board 12 mm thick	m <sup>2</sup>	<b>642.00</b>
520	Prelaminated board 18 mm thick	m <sup>2</sup>	<b>712.00</b>
521	Prelaminated board 25 mm thick	m <sup>2</sup>	<b>798.00</b>
522	Prelaminated board twin 12 mm thick	m <sup>2</sup>	<b>712.00</b>
523	Prelaminated board twin 18 mm thick	m <sup>2</sup>	<b>693.00</b>
524	Prelaminated board twin 25 mm thick	m <sup>2</sup>	<b>733.00</b>
	<b>Medium Density Fibre Boards IS 12406/88</b>		
525	Interior grade 6mm thick	m <sup>2</sup>	<b>207.00</b>
526	Interior grade 8 mm thick	m <sup>2</sup>	<b>239.00</b>
527	Interior grade 10 mm thick	m <sup>2</sup>	<b>272.00</b>
528	Interior grade 12 mm thick	m <sup>2</sup>	<b>323.00</b>
529	Interior grade 15 mm thick	m <sup>2</sup>	<b>409.00</b>
530	Interior grade 18 mm thick	m <sup>2</sup>	<b>472.00</b>
531	Interior grade 25 mm thick	m <sup>2</sup>	<b>651.00</b>
532	Interior grade 30 mm thick	m <sup>2</sup>	<b>770.00</b>
533	Interior grade 35 mm thick	m <sup>2</sup>	<b>874.00</b>
534	Exterior grade 6mm thick	m <sup>2</sup>	<b>248.00</b>
535	Exterior grade 8 mm thick	m <sup>2</sup>	<b>287.00</b>
536	Exterior grade 10 mm thick	m <sup>2</sup>	<b>328.00</b>
537	Exterior grade 12 mm thick	m <sup>2</sup>	<b>388.00</b>
538	Exterior grade 15 mm thick	m <sup>2</sup>	<b>482.00</b>
539	Exterior grade 18 mm thick	m <sup>2</sup>	<b>539.00</b>
540	Exterior grade 25 mm thick	m <sup>2</sup>	<b>730.00</b>
541	Exterior grade 30 mm thick	m <sup>2</sup>	<b>892.00</b>
542	Exterior grade 35 mm thick	m <sup>2</sup>	<b>1054.00</b>
	<b>Aluminium Sections (IS Certified)</b>		
543	Pure Polyester powder coated	kg	<b>215.00</b>
544	Anodised Aluminium	kg	<b>190.00</b>
	<b>Aluminium Grill</b>		
545	Pure Polyester Powder Coated 7.5 mm thick	m <sup>2</sup>	<b>1950.00</b>
546	Pure Polyester Powder Coated 10 mm thick	m <sup>2</sup>	<b>2225.00</b>
	<b>Solid PVC Door</b>		
547	Door frame 50 mm x 47 mm x 5 mm reinforced with 19 mm x 19 mm x 19g MS square tube	m	<b>246.00</b>



548	Door 30 mm thick reinforced with 19 mm x 19 mm x 19g MS square tube	m <sup>2</sup>	<b>1750.00</b>
	<b>Miscellaneous items</b>		
549	Bitumen washers	10Nos	<b>2.50</b>
550	Glue	Kg	<b>50.00</b>
551	Adhesive for tiles	Kg	<b>18.00</b>
552	Washing soda	Kg	<b>17.00</b>
553	Coconut shell	100 Nos	<b>50.00</b>
554	Hemp	kg	<b>35.00</b>
555	Dungry cloth blue 70 cm wide	M	<b>70.00</b>
556	Cotton tape rough 15 mm to 25 mm wide	kg	<b>17.00</b>
557	Cotton tape rough 40 mm to 50 mm wide	do	<b>90.00</b>
558	Cotton ropes	do	<b>75.00</b>
559	Twine Country	do	<b>24.00</b>
560	Twine English	do	<b>50.00</b>
561	Jungle wood stick bundles	100 Nos	<b>60.00</b>
562	Broken bottle for glass coping	m <sup>2</sup>	<b>600.00</b>
563	Charcoal	qtl	<b>550.00</b>
564	Well pully cast iron No. 8	Each	<b>50.00</b>
565	Steel wire brush 16 cm long	do	<b>60.00</b>
566	Bass brush	do	<b>40.00</b>
567	Gunny bag (excluding cement bag)	10 Nos	<b>40.00</b>
568	Sand paper	do	<b>16.00</b>
569	Metal Beeding Steel	m	<b>12.00</b>
570	PVC beeding	m	<b>8.00</b>
571	Country blasting powder	Kg	<b>35.00</b>
572	Country Fine fuse	m	<b>11.00</b>
573	Gelatin 80 per cent ordinary detonator with water proof fuse (25 Kg packet)	25 Kg	<b>1400.00</b>
574	Gelatin 90 percent ordinary detonator with water proof fuse (25 Kg packet)	25 Kg	<b>1850.00</b>
575	Bentonite	tonne	<b>4800.00</b>
576	Detonator electric	Each	<b>8.50</b>
577	Head of screw pins 50 cm long	100 Nos	<b>22.00</b>
578	Lamp black	Kg	<b>20.00</b>
579	Synthetic resin adhesive	kg	<b>120.00</b>
580	Plaster of paris	kg	<b>14.00</b>
581	Ironite or equivalent type	50 Kg	<b>550.00</b>
582	Fire wood split	Tonne	<b>3400.00</b>

583	Fire wood unsplit	Tonne	<b>2700.00</b>
584	Machine pressed bitumen pad 25 mm for expansion joint	m <sup>2</sup>	<b>750.00</b>
585	Carborandum stone course, medium or fine 100 mm square/triangle or nearest size	Each	<b>120.00</b>
586	Oxalic acid powder	Kg	<b>80.00</b>
587	Marble white powder 1st quality	50 Kg	<b>90.00</b>
588	Anti-termite treatment chemical	Litre	<b>350.00</b>
589	Oxygen for welding / cutting	m <sup>3</sup>	<b>20.00</b>
590	Acetylene for welding / cutting	m <sup>3</sup>	<b>170.00</b>
591	Curing Compound	Litre	<b>550.00</b>
592	Connectors/staples	Each	<b>5.00</b>
593	Flag of red colour cloth 600mm x 450mm	Each	<b>20.00</b>
594	Wooden flag staff 25mmdia, 1m long	Each	<b>5.00</b>
595	CI or MS shoes for pile	Kg	<b>40.00</b>
596	Aluminium composite panel 3mm thick	m <sup>2</sup>	<b>900.00</b>
597	Aluminium composite panel 2mm thick	m <sup>2</sup>	<b>700.00</b>
598	Hot applied thermoplastic compound	Litre	<b>100.00</b>
599	Rubber beeding for aluminium fabricagion	m	<b>25.00</b>
600	Empty cement bag- polythene	Each	<b>3.00</b>
601	Empty steel drum of 450mm dia 1.2m high	Each	<b>180.00</b>
602	Empty plastic barrels 450mmdia 90cm high	Each	<b>100.00</b>
603	Pre cast RCC rings - 75cm dia, 40cm depth	Each	<b>150.00</b>
604	Pre cast RCC rings -125cm dia, 30cm depth	Each	<b>325.00</b>
605	Ferro cement tanks	litre	<b>3.60</b>
606	White glazed tiles 200mm x 200mm best quality	10Nos	<b>120</b>
607	Coloured tiles 200mm x 200mm best quality	10Nos	<b>125</b>
608	Motelled tiles 100mm x10mm or nearest size 5mm thick	10Nos	<b>79</b>
609	Rustic tiles 330mm x330mm having thickness 12mm	m <sup>2</sup>	<b>360</b>
610	Rustic tiles 400mm x400mm having thickness 9mm	m <sup>2</sup>	<b>280</b>
611	Glass beads drop on with gradation as per MoRTH table 800 - 4 type 2	Kg	<b>49</b>
612	Italian marble white colour	m <sup>2</sup>	<b>4844</b>
613	MS hollow rectangular section for purlins (7.50cm x 3.75cm- 14g thickness)	m	<b>190</b>
614	MS hollow rectangular section for reepers (2.50cm x 2.5cm- 14g thickness)	m	<b>80</b>
615	Powder coated GI / Aluminium tile profile roofing sheet	m <sup>2</sup>	<b>280</b>
616	Tinted glass of various tints	m <sup>2</sup>	<b>344</b>
617	Plastic emulssion paint dark colour	lit	<b>250</b>
618	Table top wash basin ceramic white	Each	<b>1200</b>
619	Table top wash basin ceramic Colour	Each	<b>1800</b>
620	Quarry muck for road work consisting of pubbles of various sizes (Maximun nominal size not to exceed 60mm) and quarry dust	m <sup>3</sup>	<b>200</b>

<b>SECTION III</b>			
<b>RATES FOR WATER SUPPLY AND SANITARY ITEM</b>			
Sl. No	Description	Unit	Proposal for 2010
1	S.D.B Taps, Brass and Gun metal 15 mm (400) gms	Each	<b>170.00</b>
2	S.D.B Taps, Brass and Gun metal 20mm or nearest size (750)grams	Each	<b>270.00</b>
3	C.P. Tap- short body 15 mm, Heavy duty, best quality	Each	<b>350.00</b>
4	C.P. Tap- long body 15 mm, Heavy duty, best quality	Each	<b>440.00</b>
5	15 mm or nearest size C.P.pillar tap for W.H. basin (Heavy)	Each	<b>242.00</b>
6	Shower rose, C.P. ordinary, Heavy duty, best quality	Each	<b>90.00</b>
7	Shower rose, C.P. (40mm size) ordinary, Heavy duty, best quality	Each	<b>160.00</b>
8	Shower rose, C.P. adjustable type good quality	Each	<b>226.00</b>
9	Brass and gun metal stop cocks 15 mm or nearest size (Heavy quality)	Each	<b>180.00</b>
10	Brass and gun metal stop cocks 20 mm or nearest size (Heavy quality)	Each	<b>320.00</b>
11	House union cock, 15 mm or nearest size (Heavy quality)	Each	<b>180.00</b>
12	House union cock, 20 mm or nearest size (Heavy quality)	Each	<b>275.00</b>
13	25 mm or nearest size galvanized mild steel clamps or hooks	Each	<b>1.25</b>
14	20 mm or nearest size galvanized mild steel clamps or hooks	Each	<b>1.25</b>
15	15 mm or nearest size galvanized mild steel clamps or hooks	Each	<b>1.25</b>
16	Indian water closet, with P or S trap 450 mm or nearest size	Each	<b>383.00</b>
17	Do. 500 mm do.	Each	<b>409.00</b>
18	Indian water closet, with P or S trap 580mm or nearest size.	Each	<b>484.00</b>
19	Orissa Pan Water closet 530x400mm or nearest size (white)	Each	<b>600.00</b>
20	Do. (Light colour)	Each	<b>902.00</b>
21	Orissa Pan Water closet 530 x 400mm or nearest size (medium colour)	Each	<b>1210.00</b>
22	Orissa Pan Water closet 530 x 400 mm or nearest size (hard colour)	Each	<b>1513.00</b>
23	Orissa Pan Water closet 580 x 440 mm or nearest size (white)	Each	<b>809.00</b>
24	Do. (Light colour)	Each	<b>1216.00</b>
25	Do. (Medium colour)	Each	<b>1623.00</b>
26	Do. (Hard colour)	Each	<b>2030.00</b>
27	European water closet, with P or S trap (white)	Each	<b>634.00</b>

28	Do. (Light colour)	Each	879.00
29	Do. (Medium colour)	Each	1238.00
30	Do. (Hard colour)	Each	1562.00
31	Dual purpose closet (Anglo-indian W/C), best quality	Each	900.00
32	Health facet	Each	415.00
33	Trap P or S	Each	98.00
34	32 mm or nearest size G.I. Telescope flush pipe, 1.80 m or nearest length.	Each	210.00
35	Porcelain flushing cistern 15 litres.	Each	1175.00
36	Lipped urinal (430 mm x 230 mm x 350 mm) or nearest size	Each	368.00
37	Urinal flat-Large 610 mm x 400 mm x 380 mm	Each	797.00
38	Porcelain Division Plate for Urinal	Each	367.00
39	Automatic flushing tank-5 litre capacity or nearest size(Porcelain)	Each	682.00
	<b>Duro plastic seat and cover for European Closet.</b>		
40	Do. Black	Each	232.00
41	Do. White	Each	311.00
42	Do. Colour	Each	370.00
43	100 mm dia or nearest size S.W. pipe 60cm.	Each	26.00
44	100 mm dia or nearest size S.W. bend	Each	38.00
45	100 mm dia or nearest size Tee junction	Each	45.00
46	100 mm dia or nearest size gully trap	Each	45.00
47	50 mm dia C.I. Nahini trap	Each	104.00
48	32 mm dia. nearest size lead trap	Each	165.00
49	50 mm Do.	Each	325.00
50	75 mm grating	Each	14.50
51	110 mm Do.	Each	18.50
52	125 mm Do.	Each	23.00
53	150 mm Do.	Each	25.00
54	150mm dia. or nearest size S.W. pipe 60cm length	Each	54.00
55	150 mm dia.or nearest size S.W. bend	Each	60.00
56	150 mm or nearest size S.W. junction	Each	82.00

57	150 mm dia. A.C double equal junction	Each	<b>156.00</b>
58	150 mmdia A.C double equal junction - with door	Each	<b>169.00</b>
59	225 mm x 225 mm or nearest size C.I.Grating	Each	<b>43.00</b>
60	150 mm x 150 mm or nearest size C.I.Grating	Each	<b>33.00</b>
61	450 mm x 450 mm C.I. Manhole cover 50 Kg. or nearest size	Each	<b>1600.00</b>
62	Do. 25 Kg. Do.	Each	<b>850.00</b>
63	Do. 15 Kg. light type	Each	<b>495.00</b>
64	G.I. Step for manholes (weighting 1Kg.)	Each	<b>57.00</b>
65	Soap tray procelain.	Each	<b>126.00</b>
66	Toilet,Paper holder-Porcelain	Each	<b>116.00</b>
67	Recessed toilet paper holder porcelain with rod	Each	<b>204.25</b>
68	Recessed soap tray 150mmx150mm holder (porcelain)	Each	<b>126.00</b>
69	Porcelain foot rest	pair	<b>96.00</b>
70	Viterous foot rest	pair	<b>80.00</b>
71	Liquid soap container C.P.	Each	<b>152.25</b>
72	P.V.C. automatic flushing cistern 7.5 litre capacity wityh fittings	Each	<b>525.00</b>
73	P.V.C. automatic flushing cistern 10 litre capacity wityh fittings	Each	<b>600.00</b>
74	P.V.C. automatic flushing cistern 15litre capacity wityh fittings	Each	<b>650.00</b>
75	P.V.C. high level flush tank(10 litre capacity) with fittings	Each	<b>778.00</b>
76	CI/MS brackets for flushing cistern	Pair	<b>55.00</b>
77	32mm dia. P.V.C. flush pipe	Each	<b>62.00</b>
78	Wash hand basin, without fittings 550 mm x 400 mm or nearest size (white)	Each	<b>480.00</b>
79	Do. (Light colour)	Each	<b>765.00</b>
80	Do. (Medium colour)	Each	<b>920.00</b>
81	Do. (Hard colour)	Each	<b>1145.00</b>
82	Wash hand basin, without fittings 630mmx450mm or nearest size. (white)	Each	<b>820.00</b>
83	Do. (Light colour)	Each	<b>1080.00</b>
84	Do. (Medium colour)	Each	<b>1545.00</b>
85	Do. (Hard colour)	Each	<b>1950.00</b>
86	Vitreous angle back wash hand basin 400 mm x 400 mm		<b>650.00</b>

87	Vitreous angle back wash hand basin 600 mm x 450 mm		<b>900.00</b>
88	Pedestal for wash basin	Each	<b>609.00</b>
89	C.I. Bracket for basins	pair	<b>55.00</b>
90	C.I. Bracket for kitchen sink	pair	<b>157.50</b>
91	15mm P.V.C. connection (heavy)	Each	<b>44.00</b>
92	32 mm P.V.C. connection (heavy)	Each	<b>58.00</b>
93	PVC Waste connection	Each	<b>10.00</b>
94	40 mm C.P. waste with chain and plug	Each	<b>117.00</b>
95	50 mm C.P. waste with chain and plug	Each	<b>166.25</b>
96	15 mm or nearest size lead and brass connection medium quality.	Each	<b>97.00</b>
97	32 mm or nearest size lead pipe (3kg/m)	Each	<b>374.00</b>
98	40 mm Do. (3.2Kg/m)	Each	<b>484.00</b>
99	50 mm Do. (4.15Kg/m)	Each	<b>561.00</b>
100	Circular shape mirror of size 450 mm dia with plastic moulded frame	Each	<b>375.00</b>
101	Oval shape mirror of size 450 mm x 350 mm with plastic moulded frame	Each	<b>325.00</b>
102	Rectangular mirror of size 450 mm x 300 mm with plastic moulded frame		<b>240.00</b>
103	60cmx20mm or 16mm(or nearest size) C.P. Towel rod with brackets	Each	<b>144.00</b>
104	Aluminium anodised towel rail with independent bracket or flanged ends	Each	<b>84.00</b>
105	Laboratory Sink with overflow hole 450 mm x 300 mm x 150 mm or nearest size	Each	<b>700.00</b>
106	Do. 530 mm x 430 mm x 180 mm or nearest size	Each	<b>1385.00</b>
107	Kitchen sink with overflow hole, 600 mm x 450 mm x 250 mm or nearest size	Each	<b>2145.00</b>
108	Kitchen Sink with overflow hole, 610 mm x 450 mm x 200 mm (fire clay)	do	<b>2054.00</b>
109	Drain Board for Kitchen sink, Fire clay	Each	<b>810.00</b>
110	C.P. Elbow action Pillar cock with 22.5cm handle	Each	<b>378.00</b>
111	G.M. ball valve with polythene float for 15 mm connection (heavy quality)	Each	<b>190.00</b>
112	G.M. ball valve with polythene float for 20 mm connection (heavy quality)	Each	<b>230.00</b>
113	G.M. ball valve with polythene float for 25 mm connection (heavy quality)	Each	<b>320.00</b>
114	G.M. ball valve with polythene float for 32 mm connection (heavy quality)	Each	<b>345.00</b>
115	G.M ball valve with polythene float for 40 mm connection (heavy quality)	Each	<b>470.00</b>
116	P.V.C. ball suitable for 15 mm ball valve best quality unbreakable	Each	<b>20.00</b>

117	P.V.C. ball suitable for 20 mm ball valve best quality unbreakable	Each	<b>20.00</b>
118	P.V.C. ball suitable for 25 mm ball valve best quality unbreakable	Each	<b>34.00</b>
119	P.V.C. ball suitable for 32 mm ball valve best quality unbreakable	Each	<b>65.00</b>
120	P.V.C. ball suitable for 40 mm ball valve best quality unbreakable	Each	<b>95.00</b>
121	40 x 450 mm P.V.C. spout	Each	<b>21.00</b>
122	40 x 600 mm Do.	Each	<b>32.00</b>
123	50 x 450 mm Do.	Each	<b>24.00</b>
124	50 x 600 mm Do.	Each	<b>29.00</b>
125	25 x 450 mm Do.	Each	<b>20.00</b>
126	25 x 600 mm Do.	Each	<b>26.00</b>
127	Solvent cement for PVC pressure pipes	Kg.	<b>189.00</b>
128	Solvent cement primer for CPVC pipes	Kg.	<b>125.00</b>
	<b>Stainless steel sinks (1mm thick sheet) with coupling &amp; stainer</b>		
129	510 x 432 mm with bowl depth 165mm, best quality	Each	<b>1606</b>
130	510 x 432 mm with bowl depth 190mm, best quality	Each	<b>1643</b>
131	510 x 432 mm with bowl depth 200mm, best quality	Each	<b>1659</b>
132	535 x 460 mm with bowl depth 200mm, best quality	Each	<b>1732</b>
133	560 x 460 mm with bowl depth 200mm, best quality	Each	<b>1759</b>
134	610 x 460 mm with bowl depth 200mm, best quality	Each	<b>1942</b>
135	610 x 535 mm with bowl depth 200mm, best quality	Each	<b>2257</b>

Item	Unit	15mm	50mm	63mm	75mm	90mm	100mm	110mm	160mm			
<b>G.I.Pipes &amp; fittings</b>												
G.I.Pipes	m	50.00	185.00	230.00	300.00							
G.I.Socketor Coupling	Each	8.50	51.50		126.00							
G.I.Tees	Each	14.00	92.50		234.00							
G.I.Elbow	Each	10.50	67.00		184.00							
G.I.Bends	Each	10.50	77.00		294.00							
G.I.Hex Nipple	Each	10.50	65.00		105.00							
G.I.Pulgs	Each	3.00	33.00		69.00							
G.I.Check nuts	Each	5.50	33.00		54.00							
G.I.Barrel nipple	Each	6.50	32.00		44.00							
G.I.Union	Each	....	146.00		376.00							
G.I.Reducing Tee	Each	....	96.00									
G.I.Reducing Socket	Each	....	58.00									
G.I.Reducing elbow	Each	.....	72.00									
Wheel Valve-Halfway-Brass		105.00	786.00		1710.00							
G.M.Fullway Wheel valve		188.00	1165.00									
Brass ferrules		31.00	302.00									
<b>PVC Pipes &amp; Fittings</b>												
Pipe-12kgf/cm2	m	....	60.00	87.00	131.00	174.00	.....	260.00				
Pipe-10kgf/cm2	m	....	50.00	74.00	112.00	153.00	....	230.00	290			
Pipe-8kgf/cm2	m	.....	41.00	65.00	95.00	133.00	....	204.00	250			
Pipe-6kgf/cm2	m	....	38.00	56.00	79.00	111.00	....	173.00	220			
Pipe-4kgf/cm2	m	....	....	40.00	55.00	79.00	....	130.00				
Pipe-2kgf/cm2	m	....	....	....	....	73.00	....	87.00				
PVC Elbows	Each	....	17.00	35.00	44.00	65.00	....	108.00				
PVC Tee	Each	....	21.00	43.00	61.00	87.00	....	126.00				
PVC Coupling	Each	....	10.00	15.00	21.00	29.00	....	49.00				
PVC Adaptor-Male	Each	....	9.50	15.00	23.00	31.00	....	53.50				
PVC Adaptor-Female	Each	.....	12.00	25.00	....	....	....	.....				
PVC end cap	Each	....	8.00	13.00	18.00	29.00	....	44.00				
PVC bend	Each	....	13.00	21.00	52.00	512.00	....	99.00				
Vent cowl	Each	....	....	25.00	32.00	46.00	....	54.00				
Door elbow	Each	.....	....	55.00	73.00	100.00	...	134.00				
Door Tee	Each	....	....	62.00	85.00	122.00	....	156.00				





Reducing specials												
		<b>63x20</b>	<b>75x20</b>	<b>75x25</b>	<b>75x32</b>	<b>75x40</b>	<b>75x50</b>	<b>75x63</b>				
PVC reducer	Each	29.00	40.00	38.00	32.00	24.00	26.00	11.00				
PVC reducing elbow	Each	55.00	67.00	...	...	65.00	64.00	61.00				
PVC Reducing Tee	Each	64.00	154.00	157.00	114.00	103.00	91.00	87.00				
PVC bushes	Each	29.00	...	...	...	...	...	23.00				
		<b>90x20</b>	<b>90x63</b>	<b>90x75</b>	<b>110x32</b>	<b>110x40</b>	<b>110x50</b>	<b>110x63</b>	<b>110x75</b>	<b>110x90</b>		
PVC reducer	Each	65.00	33.00	35.00	75.00	72.00	69.00	63.00	53.00	51.00		
PVC reducing elbow	Each	...	94.00	85.00	...	...	...	165.00	153.00	147.00		
PVC Reducing Tee	Each	...	122.00	121.00	...	...	175.00	169.00	161.00			
PVC bushes	Each	...	...	33.00	...	...	...	...	...	58.00		

**PART IV**  
**CONVEYANCE OF MATERIALS BY HEAD LOAD (MANUAL LABOUR)**

Item No.	Materials	Unit of Rate	Up to 50 m	Over 50 m up to 100 m	Over 100 m up to 150 m	Over 150 m up to 200 m	Over 200 m up to 250 m	Over 250 m up to 300 m	Over 300 m up to 350 m	Over 350 m up to 400 m	Over 400 m up to 450 m	Over 450 m up to 500 m	For every additional 50 m or part thereof
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ashlar, Split Stones and Blasted Rubble above 45 dm <sup>3</sup> in size.	m <sup>3</sup>	60.00	98.00	136.00	174.00	212.00	250.00	288.00	326.00	364.00	402.00	38.00
2	Split Stones and blasted rubble 45 dm <sup>3</sup> and below in size , Laterite stones, Laterite chips, Earth gravel, sand and broken stones.	m <sup>3</sup>	44.00	71.00	98.00	125.00	152.00	179.00	206.00	233.00	260.00	287.00	27.00
3	Timber scantlings, brick jelly, surky and lime.	m <sup>3</sup>	22.00	35.00	48.00	61.00	74.00	87.00	100.00	113.00	126.00	139.00	13.00
4	Bricks, M.P. roofing tiles including hip and ridge tiles and flooring tiles 225x225mm and above in size	1000 Nos	58.00	95.00	132.00	169.00	206.00	243.00	280.00	317.00	354.00	391.00	37.00
	<b>OR</b>												
	PWD OR railway pattern tiles including hip and ridge tiles and flooring tiles below 225x225mm in size	3000 Nos											
5	Cement, Iron materials, A.C. Sheets and Bitumen.	T	21.00	35.00	49.00	63.00	77.00	91.00	105.00	119.00	133.00	147.00	14.00
<p><i>Note:-</i></p> <p>1. For hilly areas, 15% increase over the above rates may be allowed.</p> <p>2. If the size of the materials to be conveyed exceeds 45 dm<sup>3</sup> ( or 120 Kg) for each individual piece, an increase upto 20% may be allowed over the above rates, to cover hire charges of the special appliances used and the extra labour and time required in handling.</p> <p>3. The worked out rates given above include provision for picking up, carrying and depositing the materials except those given in the last column which are for carrying of the materials only .</p>													

**PART IV  
CONVEYANCE OF MATERIALS BY BOAT**

Item No.	Materials	Unit of Rate	Up to 3 Km	Over 3 Km up to 4 km	Over 4 km up to 5 km	Over 5 km up to 6 km	Over 6 km up to 7 km	Over 7 km up to 8 km	Over 8km up to 9 km	Over 9 km up to 10 km	For every additional 1 km or part thereof beyond 10 km.
1	2	3	4	5	6	7	8	9	10	11	12
1	Ashlar, Split Stones and blasted Ashlar, split stones and blasted rubble above 45 dm <sup>3</sup> in size.	m <sup>3</sup>	<b>144.00</b>	<b>161.00</b>	<b>178.00</b>	<b>195.00</b>	<b>212.00</b>	<b>229.00</b>	<b>246.00</b>	<b>263.00</b>	<b>17.00</b>
2	Split Stones and blasted rubble 45 dm <sup>3</sup> and below in size , Laterite stones, Laterite chips, Earth gravel, sand and broken stones.	m <sup>3</sup>	<b>93.00</b>	<b>106.00</b>	<b>119.00</b>	<b>132.00</b>	<b>145.00</b>	<b>158.00</b>	<b>171.00</b>	<b>184.00</b>	<b>13.00</b>
3	Timber scantlings, brick jelly, surki and lime.	m <sup>3</sup>	<b>64.00</b>	<b>71.00</b>	<b>78.00</b>	<b>85.00</b>	<b>92.00</b>	<b>99.00</b>	<b>106.00</b>	<b>113.00</b>	<b>7.00</b>
4	Bricks, M.P. Roofing tiles including hip and ridge tiles and flooring tiles 225x225mm and above in size.	1000 Nos	<b>127.00</b>	<b>145.00</b>	<b>163.00</b>	<b>181.00</b>	<b>199.00</b>	<b>217.00</b>	<b>234.00</b>	<b>252.00</b>	<b>18.00</b>
	<b>OR</b>										
	P.W.D. or Railway pattern tiles including hip and ridge tiles and flooring tiles below 225x225mm in size	3000 Nos									
5	Cement, Iron materials, A.C. Sheets and Bitumen.	T	<b>157.00</b>	<b>164.00</b>	<b>171.00</b>	<b>178.00</b>	<b>185.00</b>	<b>192.00</b>	<b>199.00</b>	<b>206.00</b>	<b>7.00</b>
	<b>OR</b>										
	Timber logs.	m <sup>3</sup>									

Note:- The above rates are inclusive of loading and unloading charges. No extra head load or lift charge is to be given if the lead and lift involved are less than 50m and 1.5m respectively at each end. If it is more than this, separate charges for full lead and lift (without deducting initial lead and lift) will be allowed in addition to the above rates.

**PART IV  
CONVEYANCE OF MATERIALS BY LORRY**

Item No.	Materials	Unit of Rate	Up to 5 Km	Over 5 Km up to 6 km	Over 6 km up to 7 km	Over 7 km up to 8 km	Over 8 km up to 9 km	Over 9 km up to 10 km	For every additional 1 km or part thereof
1	2	3	4	5	6	7	8	9	10
1	Ashlar, Split Stones and blasted rubble above 45 dm3 in size.	m <sup>3</sup>	264.00	279.00	294.00	309.00	324.00	339.00	15.00
2	Split Stones and blasted rubble 45 dm3 and below in size, Laterite stones, Laterite chips, Earth gravel, sand and broken stones.	m <sup>3</sup>	158.00	169.00	180.00	191.00	202.00	213.00	11.00
3.00	Timber scantlings, brick jelly, surki and lime.	m <sup>3</sup>	126.00	135.00	144.00	153.00	162.00	171.00	9.00
4	Bricks, M.P. Roofing tiles including hip and ridge tiles and flooring tiles 225x225mm and above in size.	1000 Nos	210.00	224.00	238.00	252.00	266.00	280.00	14.00
	<b>OR</b>								
	P.W.D. or railway pattern tiles including hip and ridge tiles and flooring tiles below 225x225mm in size	3000 Nos							
5	Cement, Iron materials, A.C. Sheets and Bitumen.	T	234.00	239.00	244.00	249.00	254.00	259.00	5.00
	<b>OR</b>								
	Timber Logs	m <sup>3</sup>							

Note:- 1. The above rates are inclusive of loading and unloading charges. No extra head load or lift charge is to be given if the lead and lift involved are less than 50m and 1.5m respectively at each end. If it is more than this, separate charges for full lead and lift (without deducting initial lead and lift) will be allowed in addition to the above rates.  
2. For hilly area, 15 per cent increase in the above rates may be allowed.

Sd/-  
Chief Engineer  
Administration, PWD  
Thiruvananthapuram