



GOVERNMENT OF ANDHRA PRADESH

**COMMON
STANDARD SCHEDULE OF RATES
FOR
ALL ENGINEERING DEPARTMENTS
FOR THE YEAR 2006-2007
(Effective from 1st June, 2006)**

BOARD OF CHIEF ENGINEERS

Office of the Engineer-in-Chief (I.W.)
I & CAD Department.,
Errum manzil, Hyderabad.

Procs.No.ENC/IW/P&M/EE3/DEE10/AEE/13305/2004, dt:17-07-2006.

Sub:- Printing of SSRs for all Engineering Department works for the year
2006-07 – Communication of SSRs – Reg.,

Ref:- 1. G.O.Ms.No.94, I & CAD Dept., dt:1-07-2003.
2.Minutes of BOCEs meeting for Common SSRs held on dt:9-6-2006.
& 10-7-2006

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With reference to the Minutes of Board of Chief Engineers meeting held on
9-6 – 2006 & 10-7-2006 ,the final common S.S. Rates for all Engineering
Departments for the year 2006-07 are communicated. One copy of compact
disc containing common S.S. Rates is also enclosed. No other items other than
the items communicated by this Office shall be introduced in the SSR

The Heads of Department /Regional superintending Engineers of Irrigation
& CAD Dept mentioned below are authorized to print the Common S S R. The
unauthorized printing & selling of the Common SSR is strictly prohibited.

The revised rates will come into force from 1st June of 2006.

The receipt of the proceedings may please be acknowledged.

Sd/-K.Prakash,17/7/06,
Engineer-in-Chief (I.W.),
Chairman, BOCE (S.S.R).

for Engineer-in-Chief(I.W)

To
The Superintending Engineers of Irrigation Circles of
Dowlaiswaram, Chittoor and Hyderabad.

Copy along with Enclosures to

- 1) Engineer-in-Chief (Admn.), Roads & Buildings Department.
- 2) Engineer-in-Chief (P.H.), Public Health Department.
- 3) Engineer-in-Chief (P.R.), Panchayat Raj Department.
- 4) Chief Engineer (Roads), R&B Department.
- 5) Chief Engineer (Buildings), R&B Department.

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PREAMBLE

PREAMBLE**I.0 AREA ALLOWANCES:****A) CORPORATIONS & MUNICIPALITIES:**

- a) 25% extra over the rates on labour component of works is allowed with in Municipal Corporation Limits of Hyderabad, Secunderabad, Vijayawada, Guntur, Warangal, Tirupati, Visakhapatnam, kurnool, Ananthapur and kadapa shall be taken in to account for the purpose of allowing the extra percentage).
- b) Allow 20% extra over basic rates on labour component of works in all District Headquarters and the remaining Municipal limits (up to a belt of 12 Kms. from Municipal limits).
- c) For works at Tirumala Hills and Horsely hills in Chittoor District, 30% extra over the basic rates of labour component is allowed.
- d) For works located inside Tirumala Temple, allow 20% extra over the rate for Tirumala Hills.

B) JAIL COMPOUNDS:

15% extra is allowed over labour rates for the work in the Jail compounds. Only equivalent number of Man Mazdoor shall be provided in the Jail premises and no women Mazdoor are allowed inside.

C) INDUSTRIAL AREA:

- a. 20% over basic rates on labour component works allowed for works situated within 10 Kms belt of Industrial area of, Jeedimetla, Lingampally, Ibrahimpatnam in Ranga Reddy District, Ibrahimpatnam, Vuyyuru, Jaggaiahpetta in Krishna District, Macherla, Gurajala, Challapalli in Guntur District Garividi in Vijayanagaram District, , Kothur in Mahabubnagar District, Patancheru, Ramachandrapur in Medak District, Bibinagar in Nalgonda District, Ramagundam and Godavarikhani in Karimnagar District, Renigunta in Chittoor District and Yerraguntla & Mangampet in Kadapa District, Manchiryal, Mandamarri, Bellampalli in Adilabad District, Sarpaka, Kothagudem, Paloncha, Manguguru, Singareni Collieries in Khammam District, Kamalapur, Bhoopalpally of Warangal District, Wadepally of Nalgonda District, Narapally of Karimnagar District, Hindupur, Tadipatri, Anantapur, Guntakal, Rayalcheruvu, Yadiki of Anantapur District and Adoni, Dhone, Cement Nagar, Nandyal, Kurnool, Yemmiganur & Bethamcherla of Kurnool District ,Anakapally of Vishakhapatnam District.

D) AGENCY / TRIBAL AREAS:

- a) 15% extra allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located within & upto 16 KMs from any all weather route inside Agency / Tribal.
- b) 25% extra allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located beyond 16 KMs from any all weather route inside Agency / Tribal.

NOTE: 1. No extra percentage is permissible in respect of Forest produce such as Bamboo, Rellu grass and for all materials obtained from outside the Agency / Tribal.

2. The extra percentage under Agency / Tribal areas allowance may be allowed on the labour component and on the labour charges in the rates for conveyance of materials.

3. The extra percentage on cost of materials in Agency / Tribal areas can be allowed on the labour component only, if they are manufactured in the Agency / Tribal areas itself except Forest produce.

E) GHAT ROADS:

For Ghat Roads steeper than 1 in 20, the length of the road may be taken as 1.5 times the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.

Foot Note: Under compelling circumstances, the concerned Chief Engineer can adopt the equivalent length of road as 2 ½ times of actual length.

Note below area allowances:

If more than one area allowance (such as those) for (1) Municipalities (2) Agency / Tribal areas (3) Industrial areas are applicable for a particular situation, only the maximum out of the allowable percentages is to be allowed.

2.0 IMPORTATION OF LABOUR AND LABOUR AMENITIES:

Maximum 13% towards LI & LA will be allowed only in the case of works where the labour component i.e. excluding cost of material such as cement and steel works out to more than **Rs. 20.00 lakhs** on the basis of certificate of Executive Engineer that the labour available is not adequate and that labour has to be imported for executing the work, subject to approval of the Chief Engineer in terms of G.O.Ms.No.7 Finance (Works & Projects) Dept Dt 20-6-2005.

Note:1) Extra percentage towards labour importation and labour amenities where necessary, is admissible in addition to other percentage allowed:

3.0 WATER LEADS:

The following labour is allowed for conveyance of water for every ½ Kilometer lead or part there of over the initial lead of ½ kilometer.

- a) Cement concrete : 1.5 Women Mazdoor / Cum.
- b) Masonry : 1.0 Woman Mazdoor/ Cum.
- c) Plastering : 0.5 Woman Mazdoor/ 10 Sq.m

Note:- For Water leads of over 2 KMs, specific approval of Chief Engineer concerned is necessary.

4.0 EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

I) EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

A. TRIAL TRENCHES:

- 1) Trial trenches of not more than 2 metres in width...25% extra

B. TRIAL PITS:

- 1) Up to 2 Metres depth ... 25% extra
- 2) 2 Metres to 4 Metres depth ... 50% extra
- 3) 4 Metres to 6 Metres depth ... 75% extra
- 4) 6 Metres to 8 Metres depth ...100% extra
- 5) 8 Metres to 9 Metres depth ...150% extra
- 6) More than 9 Metres depth ...200% extra

II) EXCAVATION IN RESTRICTED PLACES:-

- I) Foundation of Buildings ... 50% extra
- II) For pipe lines where the depth is less than 1.5 times the width ... 75% extra
- III) For pipe lines where the depth is 1.5 times or more than the width ...120% extra
- IV) Silt removal in restricted areas such as U. T's., Culverts and Syphons. ...120% extra
- V) Excavation of field channels ... 75% extra

VI) For narrow trenches not more than 2 meters in width and depth not less than twice the width and for excavation ... 75% extra of road boundary drains, model sections of canals.

VII) High berm cutting of not more than 150 mm average thickness and sectioning for roads ... 50% extra

Note: 1) The extra percentage is allowed over S. S. 20 B rate for corresponding soil. It includes the charges for all lifts and initial lead but does not include deviation of charges if any in respect of all the items under (A) and (B) above.

2) The above extra percentages in respect of excavation in restricted places are not to be allowed in respect of items involving blasting component which may be taken as 1/3 of the cost.

5.0 Proportion of First class and 2nd class workmen under Skilled Labour:

30% of the skilled labour provided in the data may be taken as 1st Class and the remaining 70% as 2nd Class.

6.0

A) Cement Concrete proportion and requirement of coarse aggregate etc., for 1 cum (unit) of finished work:

- I) For Cement concrete proportions (1:4:8), (1:5:10) etc., 0.92 cum. of coarse aggregate shall be adopted and the quantity of mortar required calculated proportionately in each case.
- II) For cement concrete proportions (1:5:8), (1:6:10) etc., 0.90 cum. of coarse aggregate shall be adopted and the quantity of mortar required calculated proportionately in each case.

B) Requirement of Cement for stone masonry per unit (one cum.) of finished work:

- I) C. R. Masonry 1st Sort 0.28 Cum. of Cement Mortar.
- II) C. R. Masonry 2nd Sort 0.32 Cum. of Cement Mortar.
- III) R. R. Masonry 0.34 cum. of Cement Mortar.

Note:- In massive walls above 3 Mts. thick 0.40 cum. of cement mortar shall be allowed.

6.0 **Revetment and apron works:**

- I) The size of stone for the volume range (0.015 to 0.030 Cum) shall not be less than (0.30 X 0.30 X 0.15 to 0.30 X 0.225 X 0.225m)
- II) The size of stone for the volume range (0.011 to 0.015 Cum) shall not be less than (0.30 X 0.225 X 0.15 to 0.225 X 0.225 X 0.225 m)
- III) The rate of labour component as per the standard data book is to be adopted for revetment work only. However for apron work Rs. 2.50 per cum. should be deducted.
- IV) For the labour for the "**Rock Toe**" shall be taken as $\frac{2}{3}^{\text{rd}}$ of the labour charges of revetment as Chief Engineer, Circular No. P3/ OT2/ T3/ 65167/78, Dt: 19.03.1980.

8.0 **Deep cuts:**

Deep cuts are defined as reaches of canal where excavation in all soils is for a depth of excavation 6m and more. The following increase over normal rates is permitted in deep cuts on a graded basis.

- I) Up to 6 m excavation: The S. S. R. of corresponding classification of earth work excavation is applicable.
- II) Beyond 6 m and up to 9 m excavation -9% extra
- III) Beyond 9 m and up to 12 m excavation -12% extra
- IV) Beyond 12 m and up to 16 m excavation -15% extra
- V) Beyond 16 m and up to 30 m excavation -20% extra
- VI) Beyond 30 m excavation -40% extra

NOTE : 1) The extra percentage is only on basic rate. 2) The above percentage are not applicable for "**LEADS & LIFTS**". 3) The above extra percentages are to be allowed only on items excluding the blasting component which may be taken as $\frac{1}{3}$ of the rate.

9.0 **The conveyance of bitumen for bulk and packed may be admitted as follows:**

Packed	---	Rs.	1.75per Km/ MT
Bulk	---	Rs.	1.50 per Km/ MT (round the trip)

10.0 SEIGNIORAGE CHARGES:

Seigniorage charges for materials as fixed by the Government in G.O.Ms.No.217(industries and commerce department), dated 29. 9.2004 may be added in the data of rates in the estimate. In case of revision, the revised rates as fixed by Mines and Geology Department have to be adopted.

11.0 EARTH WORK EXCAVATION BY MACHINERY:

Excavation in all soils up to SDR & Stone matrix with machinery within a radius of 5 m i.e. cut and dump – **Basic rate for SS 20B**
Rs : 13.00 / cum

NOTE:-I) The machinery rate for earth work excavation should be adopted for more than **1000 cum** quantity as per **G. O. Ms. No. 134** Dated: 25.11.2002. (Irrigation & COD).

II) The machinery rates for earth work excavation for soil classification should be adopted as per **G.O. Ms. No 10** Dated : 26.07.2005 Finance(works & Projects) Dept. The machinery rates for soil classification from Extracts of the above G.O are as follows.(The machinery rates for earth work excavation should be adopted for 1000 Cum or more.)

- | | |
|--|-----------------------|
| 1. Excavation of all soils upto SDR | Rs: 13.00/Cum |
| 2. Excavation in H.D.R-I & II | Rs: 19.50/Cum |
| 3. Excavation in F & F rock | Rs: 43.50/Cum |
| 4. Excavation of Hard rock and boulders of more than 3 Cum in Size requiring blasting by machinery. | Rs: 87.00/ Cum |

III) The earth work excavation by machinery Rs: 6.50 /cum - rehandling(second operation)

LABOUR RATES

RATES OF LABOUR

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2006-07
1	2	3	4	5
		(A) Skilled Workmen		
		First Class		
1	1 a	Mason and stone Cutter	Day	166.00
2	b	Brick Layer	Day	166.00
3	c	Carpenter	Day	166.00
4	d	Painter	Day	166.00
5	e	Plumber	Day	166.00
6	f	Welder	Day	166.00
7	g	Fitter	Day	166.00
8	h	Electrician	Day	166.00
9	I	Cook	Day	166.00
10	2	Mechanic	Day	166.00
11	3	Rigger	Day	166.00
12	4	Rigger Syrang	Day	166.00
13	5	Well Sinker	Day	166.00
14	6	Blaster	Day	166.00
15	7	Tipper and Heavy Vehicle Driver above 12 T	Day	175.00
16		Tanker and Medium Vehicle Driver (7.5 T to 12 T)	Day	154.00
17		Tanker and Light Vehicle Driver up to 7.5 T	Day	139.00
18		Wagon Drill Operator upto 7.5 T	Day	175.00
19	8	Lorry and Heavy Vehicle Driver above 12 T	Day	175.00
20		Road Roller Driver (7.5 T to 12 T)	Day	154.00
21		Road Roller Driver up to 7.5 T	Day	139.00
22	9	Tractor Driver above 12 T	Day	175.00
23		Tractor Driver (7.5 T to 12 T)	Day	154.00
24		Tractor Driver upto 7.5 T	Day	139.00
		<u>Operator</u>		
25	10	Pan Mixer	Day	166.00
26		Concrete mixer	Day	166.00
27		Vibrator	Day	166.00

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2006-07
1	2	3	4	5
28		Compressor	Day	166.00
29		Jack Hammer	Day	166.00
30		Driller	Day	166.00
31		Boring Maistry	Day	166.00
32	11	Pump Operator	Day	166.00
33	12	Turner Grade-I	Day	166.00
34	13	Wireless Operator	Day	175.00
35	14	Assistant Wireless Operator	Day	146.00
36	15	Jeep Driver	Day	139.00
37	16	Work inspector with I.T.I qualification	Day	160.00
38	17	Work Inspector with LCE,LME,L.E.E Qualification	Day	175.00
39	18	Work Inspector with B.E (Civil, Mechanical and Electrical qualification)	Day	260.00
40	19	Work Inspector with Non-technical qualification SSLC/SSC/HSC	Day	146.00
41	20	Mason Spl. Grade for Mossaic and Polished shahabad stone floor	Day	179.00
42	21	Computer Operator	Day	150.00
	(B) SEMI-SKILLED WORKMEN			
		SECOND CLASS		
43	1 a	Mason	Day	146.00
44	b	Brick Layer and Stone Cutter	Day	146.00
45	c	Carpenter	Day	146.00
46	d	Painter	Day	146.00
47	e	Plumber	Day	146.00
48	f	Blacksmith	Day	146.00
49	g	Welder	Day	146.00
50	h	Fitter	Day	146.00
51	I	Electrician	Day	146.00
52	2	Caulker	Day	146.00
53	3	Barbender	Day	146.00
54	4	Tinker	Day	146.00

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2006-07
1	2	3	4	5
55	5	Sawyer	Day	146.00
56	6	Brick-Moulder	Day	146.00
57	7	Pot-tile turner	Day	146.00
58	8	Pan -tile turner	Day	146.00
59	9	Brick and Lime Kiln man /Glazzer	Day	146.00
60	10	Telephone Operator	Day	146.00
61	11	Hand Driller	Day	146.00
62	12	Quarry man	Day	146.00
63	13	Hammer man	Day	146.00
64	14	Thatcher	Day	146.00
65	15	Fireman	Day	146.00
66	16	Cleaner/Helper	Day	146.00
67	17	Stone Packer	Day	146.00
68	18	Jawali	Day	146.00
69	19	Ex-Service man/Goorkha watchman	Day	116.00
70	20	Ratton worker	Day	146.00
71	21	Mate	Day	146.00
(C) UNSKILLED WORKMEN				
72	1	Head mazdoor(Mukaddar)	Day	116.00
73	2	Man mazdoor	Day	116.00
74	3	Watch man	Day	116.00
75	4	Picottah man	Day	Deleted
76	5	Woman Mazdoor	Day	116.00
77	6(a)	Casual labour on loading & Un-loading operations	Day	
78	6(b)	Helpers/Cleaners/Sweepers/Scavangers/Choukidars/Security Guards/Office Boys	Day	
79	NOTE: Whenever unskilled workmen are engaged for cleaning of Sewers & Septic Tanks, they may be paid double of the above wages.			
	(D) OTHER CONVEYANCE ITEMS			
80	1	Single bullock with driver and cart	Day	160.00
81	2	Bullock pair with driver	Day	160.00

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2006-07
1	2	3	4	5
82	3	Bullock pair with driver and cart	Day	175.00
83	4	Bullock pair with driver and cart with Pneumatic tyres	Day	217.00
84	5	Bullock pair with driver and kapila	Day	Deleted
85	6	Nava with crew	Day	154.00
86	7	Punt thundal	Day	125.00
87	8	Punt lascar	Day	125.00
88	9	Punt boy lascar	Day	Deleted
		Note: - The wage should not be less than the minimum wages of schedule of employment, subject to out turn.		

COMMON MATERIAL AND WORK ITEMS

RATES OF COMMON MATERIALS & WORK ITEMS

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
		(A) STONE AND ROAD MATERIALS		
		ROUGH STONE QUARRIED INCLUDING WEDGING, BREAKING, BURNING, SPLITTING AND STACKING		
89	22.a	For R.R Masonary Work (other than Granite, Dolomite and Trap	1 cum	103.50
90	b.I	For SS Revetment work 225 mm	1 cum	55.30
91	b.ii	For SS Revetment work 300 mm	1 cum	73.40
92	b.iii	For SS Revetment work 450 mm	1 cum	88.10
93	c	Jeddy Stone above 450 mm to 600 mm	1 cum	121.20
94	d I.	Laterite for revetment 225 mm	1 cum	75.50
95	d II.	Laterite for revetment 300 mm	1 cum	88.10
96	d.iii	Granite for SS revetment 225 mm	1 cum	90.30
97	d.iv	Granite for SS revetment 300 mm	1 cum	104.70
		Note:- Only when other granite is not available		
98	e	Laterite for masonry	1 cum	88.10
99	f	Cyclopean stones above 0.2 cum	1 cum	162.70
100	g	For R.R.Masonry works (granite, dolomite and trap variety	1 cum	119.90
101		NOTE:- For items 22(a) to 22(c) and 22(g) add extra Rs /cum, wherever quarrying is done by blasting	1 cum	52.50
		COURSED RUBBLE STONE QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING INCLUDING STACKING FOR SS FIRST SORT WORKS		
102	23.a	Granite, dolomite and trap	1 cum	169.30
103	b	For other varieties	1 cum	117.20
104	27	Granite stone slabs for culverts, lintels and copings (3 faces dressed coarse rubble masonry)	1 cum	1090.90
105		NOTE: - For items 23(a), 23(b) and 27 add extra Rs. Per Cum, wherever quarrying is done by blasting	1 cum	54.00
106	28	Bond stones (600 x 200 x 200 mm)	each	17.60
107	b	Chainage stones and Centre line stones (750x150x150mm)	each	22.90
	29 (a)	Kilometers stones (1100 x 370 x 250 mm)	each	deleted
	b	5th Kilometers stones (1520 x 520 x 250 mm)	each	deleted

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
	30 (a)	Hectometers stones (900 x 200 x 200 mm)	each	deleted
108	31	Demarcation Stones (900 x 150 x 150 mm)	each	36.20
109	32.a	Guard Stones (1200 x 200 x 200 mm)	each	56.50
110	b	Guide Stones (800 x 150 x150 mm)	each	36.20
111	c	Carving letters and figures in stone up to 100 mm size	each	3.50
112	d	Carving letters and figures in stone above 100 mm size	each	4.60
		HARD BROKEN STONE OF GRANITE, TRAP AND DOLERITE FREE FROM DUST OBTAINED BY QUARRYING, WEDGING, BREAKING, BURNING AND SPLITTING INCLUDING STACKING.		
113	33.a	- do - 6mm size (SS 5)	1 cum	269.70
114	b	- do - 10mm size (SS 5)	1 cum	357.10
115	c	- do - 12mm size (SS 5)	1 cum	431.90
116	d	- do - 20mm size (SS 5)	1 cum	513.50
117	e	- do - 25mm size (SS 5)	1 cum	510.70
118	f	- do - 40mm size (SS 5)	1 cum	313.60
119	g	- do - 50mm size (SS 5)	1 cum	214.40
120	h	- do - 60mm size (SS 5)	1 cum	214.40
121	I	- do - 65mm size (SS 5)	1 cum	212.40
122	j	- do - 75mm size (SS 5)	1 cum	146.50
123	k	- do - 75 to 100mm size (SS 5)	1 cum	129.60
124		NOTE:- (1) Add extra Rs. /- per cum for items 33 (a) to 33 (k) if the metal is obtained by blasting		55.50
125		(2) Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.		25%
126		(3) Deduct Rs. /- per cum if the metal or rubble is obtained from surface stone and boulders.		5.90
127		(4) Add Rs. /- per cum for selection of stones and boulders from excavated spoil dumps for items 33 a to 33 k, when this addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum mentioned under Note (3) above should invariably be made.		11.50 5.90
		SOFT BROKEN STONE SCREENED AND FREE FROM DUST INCLUDING STACKING		
128	33.l	- do - 40 mm size (SS 5)	1 Cum	67.90
129	33.m	- do - 50 mm size (SS 5)	1 Cum	60.40
130	33.n	- do - 60 mm size (SS 5)	1 Cum	48.10
131	33.o	- do - 65 mm size (SS 5)	1 Cum	42.80
132	33.p	- do - 75 mm size (SS 5)	1 Cum	40.10

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
		HARD BROKEN STONE OF GRANITE TRAP DOLERITE AND DOLAMITE FREE FROM DUST OBTAINED BY QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING INCLUDING STACKING (QUARTZITE AND BASALT WITH AGGREGATE IMPACT OF LESS THAN 20)		
133 a)	33a	-do- 2.36 mm to 5 mm size (IRC and MORTH)	1 cum	145.00
b)	b	-do- 5 mm to 7 mm size (IRC and MORTH)	1 cum	275.70
134	c	-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 cum	368.00
135	d	-do- 12mm to 14 mm size (IRC and MORTH)	1 cum	439.60
136	e	-do- 19 mm to 22 mm size (IRC and MORTH)	1 cum	557.80
137	f	-do- 25 mm to 27 mm size (IRC and MORTH)	1 cum	551.20
138	g	-do- 40 mm to 45 mm size (IRC and MORTH)	1 cum	322.00
139	h	-do- 50 mm to 55 mm size (IRC and MORTH)	1 cum	225.40
140	i	-do- 60 mm to 63 mm size (IRC and MORTH)	1 cum	223.80
141	j	-do- 65 mm size (IRC and MORTH)	1 cum	219.80
142	k	-do- 75 mm size (IRC and MORTH)	1 cum	150.60
143	1	NOTE:- Add extra Rs. /- per cum for items 33 (a) to 33 (j) if the metal is obtained by blasting	1 cum	55.50
144	2	Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.	1 cum	25%
145	3	Deduct Rs. /- per cum if the metal or rubble is obtained from surface stones and boulders	1 cum	5.90
146	4	Add Rs. /- per cum for selection of stones and boulders from excavated soil dumps for items 33 (a) to 33 (k), when this addition of Rs. /- per cum allowed deduction of Rs. 5.90 per cum mentioned under note (3) above should invariably be made	1 cum	11.50
		HARD BROKEN STONE OTHER THAN GRANITE SUCH AS QUARTZ, QUARTZ-NAPA AND BASALT SCREENED AND FREE FROM DUST INCLUDING STACKING		
147	33.q	- do - 10 mm size (SS 5)	1 Cum	211.70
148		-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 Cum	211.70
149	r	- do - 12 mm size (SS 5)	1 Cum	198.70
150		-do- 12mm to 14 mm size (IRC and MORTH)	1 Cum	198.70
151	S	- do - 20 mm size (SS 5)	1 Cum	160.60
152		-do- 19 mm to 22 mm size (IRC and MORTH)	1 Cum	160.60

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
153	T	- do - 25 mm size (SS 5)	1 Cum	158.50
154	U	- do - 40 mm size (SS 5)	1 Cum	93.50
155		-do- 40 mm to 45 mm size (IRC and MORTH)	1 Cum	93.50
156	V	- do - 50 mm size (SS 5)	1 Cum	82.60
157		-do- 50 mm to 55 mm size (IRC and MORTH)	1 Cum	82.60
158	33.w	- do - 65 mm size (SS 5)	1 Cum	78.30
159		-do- 60 mm to 65 mm size (IRC and MORTH)	1 Cum	78.30
160	X	- do - 75 mm size (SS 5)	1 Cum	64.70
161		- do - 75 mm size (IRC &MORTH)	1 Cum	64.70
162	Y	- do - 75 to 100 mm size (SS 5)	1 Cum	51.30
163		- do - 75 to 100 mm (IRC& MORTH)	1 Cum	51.30
		OTHER ITEMS INCLUDING STACKING		
164	33.z1	Laterite 40 to 75 mm (ring)	1 Cum	62.70
165	z2	kankar, hard broken kankar 40 to 75 mm (ring)	1 Cum	47.00
166	z3	Soling stone of 150 mm size of granite, trap and Dolomite varieties.	1 Cum	58.70
167		NOTE:- (1) Add extra for items to 33(z3) Rs /- Per cum, wherever quaring is done by blasting. (2) Wherever controlled blasting is resorted to the Chief Engineer concerned shall approve the observed data in support of SS item No. 22 a to 22 c , 22g, 23	1 Cum	55.50
168	z4	Soling stone of 150 mm size other than granite variety	1 Cum	41.10
169	z5	Soling Stone laterite, Kankar 150mm, surface stone	1 Cum	24.90
170	z6	Field picked metal unbroken 20 mm size	1 Cum	34.00
171	z7	- do - 25 mm size	1 Cum	26.90
172	z8	- do - 40 mm size	1 Cum	29.80
173	z9	- do - 50 mm size	1 Cum	26.90
174	z10	- do - 60 mm size	1 Cum	22.40
175	z11	- do - 80 mm size	1 Cum	16.20
176		NOTE:- ADD Rs. /- PER CUM FOR SELECTION OF STONE AND BOULDERS FROM EXCAVATED SPOIL DUMPS FOR ITEMS 33 (Q) TO 33 Z , WHEN THIS ADDITION OF Rs. /- PER CUM IS ALLOWED DEDUCTION OF Rs. 5.90 PER CUM SHOULD INVARIABLY BE MADE TOWARDS THE METAL OR RUBBLE IF IT IS OBTAINED FROM SURFACE STONE AND BOULDERS.		11.50 5.90
177	34	Gravel including stacking	1 Cum	42.70
178	35 a	Quarry rubbish	1 Cum	18.40

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
	b	HBG Stone Chips 2.36mm and below	1 Cum	69.00
179	36.a	Sand for mortar, ceiling coat including washing screening etc.,	1 Cum	79.20
180	b	Sand for filling and blindage	1 Cum	32.80
181	37	Clay for puddle and masonry Items 38 (a) to 39 (h) As per local prevailing rates based on competitive quotations.	1 Cum	20.20
		(C) LIME AND CEMENT		
182	40 to 41(c)			As per local prevailing rates based on competitive rates.
183	42	Cement excluding cost of empty cement bags	Metric Tonne	3400.00
NOTE: (1) The rate is material at site (No conveyance charges to be allowed) 2)As per the rates applicable to the District. 3) Least of the (1) and (2) above may allowed 4) The price of cement will be reviewed and fixed quarterly and rates will be communicated separately.				
184	42.a	Labour for mixing cement mortar	1 Cum	20.30
185	B	Mixing of cement mortar by machine	1 Cum	35.90
186	C	Grinding lime mortar or Surkhi mortar	1 Cum	60.70
187	D	Shell lime slaked and screened	1 Cum	610.50
188	E	White cement	1 Kg.	14.90
		(D) MORTARS		
189	43 to 45	Items 43 to 45		Rates have to be worked out based on standard data.
		(E) METAL AND IRON WORKS		
190		Mild steel rods 6mm dia.	One Metric Tonne	25850.00
191		Mild steel flats	One Metric Tonne	27700.00
192		Mild Steel, Structural Steel, I.e., Angles, Channels and I sections.	One Metric Tonne	28200.00

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
193		High Yield Strength Deformed Bars	One Metric Tonne	27300.00
194		Mild steel plates	One Metric Tonne	33700.00
NOTE: (1) The rate are inclusive of sales tax. 2)As per the rates applicable to the District. 3) Least of the (1) and (2) above may allowed 4) The prices of steel will be reviewed and fixed quarterly and rates will be communicated separately.				
		III RATES OF WORKS		
		(A) CLEARING SITE		
195	1.a	Clearing heavy Jungle	1 Sqm	1.30
196	b	Clearing light Jungle	1 Sqm	1.30
197	c	Clearing Scrub Jungle	1 Sqm	1.30
198	d	Clearing Juliflora (Prosafis) jungle including up-rooting and removing of Juliflora stumps.	1 Sqm	2.40
199	2.a.I	Cutting and removing Palmyrah trees including stacking of girth 30 to 100 cm.	Each	21.80
200	ii	- do - 100 to 200 cm.	Each	34.80
201	2.b.I	Uprooting and removing Palmyrah stumps including stacking of girth 30 to 100 cm.	Each	24.30
202	ii	- do - 100 to 200 cm.	Each	38.20
203	2.c.I	Cutting and removing date trees including stacking of girth 30 to 100 cm	Each	14.80
204	ii	- do - 100 to 200 cm	Each	21.10
205	d.I	Uprooting and removing stumps of date trees including stacking of girth 30 to 100 cm.	Each	14.80
206	ii	- do - 100 to 200 cm	Each	19.90
207	e I	Cutting and removing other kindof trees including stacking of girth 30 to 100 cm	Each	19.90
208	ii	- do - 100 to 200 cm	Each	31.00
209	iii	- do - above 200 cm	Each	52.90
210	f.I	Uprooting and removing stumps of other kind of trees including stacking of girth 30 to 100 cm.	Each	14.80
211	ii	- do - 100 to 200 cm	Each	21.00
212	iii	- do - above 200 cm	Each	29.00
213	3.a	Uprooting and clearing prickly pear jungle	1 Sq.m	1.30
214	b	- do - under 2.5 meters height including burning and burrying as directed.	1 Sq.m	1.80

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
215	c	- do - over 2.5 meters height including burning and burrying with an initital lead of conveyance	1 Sq.m	2.30
216	4.a	Removing of natchu, goobi, thooti etc., from drains, channels including clearance if not more than 1 metre depth of water with an initial lead of 10 metresand lift of 2 metres.	1 Sq.m	1.20
217	b.I	Clearing alchi, tilla	1 Sq.m	2.30
218	b.ii	Removal of Jammu	1 Sq.m	1.20
219	c.I	Removal of imponea, cornea	1 Sq.m	2.30
220	c.ii	Removal of water hyacinth upto 30 cm thick.	1 Sq.m	2.40
221	c.iii	- do - more than 30 cm thick	1 Sq.m	3.40
222	d	Removal of natchu, goobi, thooti etc., for every extra lead or lift over the initial lead or lift.	1 Sq.m	0.70
		(B) DISMANTLING		
	5	DISMANTLING, CLEARING AWAY AND CAREFULLY STACKING MATERIALS USEFUL FOR REUSE.		
223	n.(i)	Dry rough stone revetment for aprons and stacking within 40 metres	1 cum	27.10
		(C) QUARRYING AND BLASTING		
224	6	Blasting and removing hard granite measured in solid	1 cum	covered under earth work item
	7	Drilling holes in hard granite or sheet rock		
	a)	Manually (Hand)		
225	I)	20 mm dia meter	1 RM	68.60
226	ii)	25 mm dia meter	1 RM	73.80
227	iii)	36 mm dia meter	1 RM	83.60
	b)	Pneumatic Compressor		
228	I)	20 mm dia meter	1 RM	77.20
229	ii)	25 mm dia meter	1 RM	85.40
230	iii)	36 mm dia meter	1 RM	94.30
	8	Grouting the holes with neat cement slurry excluding cost of steel		
231	I)	20 mm dia meter	1 RM	48.30
232	ii)	25 mm dia meter	1 RM	62.10
233	iii)	36 mm dia meter	1 RM	75.30

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
		(D) EARTH WORK		
234		NOTE:- 1. Standard Specification No.20-A requires breaking clods,ramming and sectioning of spoil bank etc.,		
235		2. Standarad Specification No.20-B does not require that three items of work detailed above, but does require neat banking in accordance with the standard specification.		
236		3. A separate rate for these three items of work will not be necessary where the earth work is executed under the standard specification No. 20-A.		
236a		Allowances for Excavation and Forming Embankment:		
		(I) Top soil removal - upto 5%		
		(ii)Consolidation allowance to Proctor's Density - 10%		
		(iii)Shrinkage Allowance - 2 to 2.5%		
		(iv)Wastage- 1%		
		(v)Allowance for removal of boulders - Nil		
236b		Conveyance by Lorries not applicable to head leads		
		(vi) Clay 25%		
		loamy,Red Earth,Gravel,Homogeneous soils- 18%		
		(vii) Allowance for compaction and Shrinkage- 12 to 12.5%		
		EARTH WORK EXCAVATION AND DEPOSITING ON BANK WITH AN INITIAL LEAD OF 10 METRES AND AN INITIAL LIFT OF 2 METRES IN CASE OF HEAD LEAD ONLY.		
237	8.a	Sand or loose soils wet sand not under water, silt in canals,channels and drains SS 20-A.	1 cum	20.20
238	b	- do - 20-B	1 cum	21.30
239	9.a	Loamy and Clayey soils like black cotton soils, red earth and ordinary gravel SS 20-A.	1 cum	33.60
240	b	- do - 20-B	1 cum	30.50
241	10.b	Slushy soil and silt clearance upto 0.60 metres depth SS 20-B	1 cum	33.60

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
242	11.b	Clayey Soil in wet and slushy condition SS 20-B	1 cum	34.70
243	12.a	Hard Gravelly Soils SS 20-A	1 cum	34.70
244	B	- do - SS 20-B	1 cum	32.60
245	13.a	Mixture of gravel and soft disintegrated rock like shales ordinary gravel, stoney earth and earth mixed with fair sized boulders SS 20-A	1 cum	36.70
246	B	- do - 20-B	1 cum	33.60
247	14	Soft disintegrated rock (removable by pick axes and crow bars)	1 cum	39.20
248	15	Stone matrix	1 cum	40.90
249	16	Hard disintegrated rock or soft rock or conglomerate rock etc., removable by pick axes and crow bars	1 cum	53.30
250	17	Hard disintegrated rock or soft rock or conglomerate rock and Hard lime kankar requiring partial blasting.	1 cum	70.50
251	18.a.I	Fissured and fractured rock and boulders upto 3 cum in size requiring blasting including stacking	1 cum	121.70
252	a.ii	- do - Stacking is not done	1 cum	114.40
253	18.b.I	Excavation of Nandyal Slabs more than 3 cum in size requiring blasting including stacking	1 cum	147.20
254	b.ii	- do - Stacking is not done	1 cum	141.00
255	19.a.I	Hard rock and boulders more than 3 cum in size requiring blasting including stacking	1 cum	264.00
256	a.ii	- do - Stacking is not done	1 cum	249.90
257	19.b	Benching, chiselling, wedging and boring in rock in foundation grade levelling.	1 cum	363.20
		FOR ALL SOILS, SOFT DISINTEGRATED ROCK AND STONE MATRIX (ITEM NOS 8-b to 15 ABOVE)		
258	20.a.I	Extra for every additional 10 metres lead or part there of over the initial lead for the first 3 extra leads	1 cum	1.40
259	ii	-do- from 4 th extra lead to 6 th extra lead	1 cum	2.30

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
260	iii	-do- from 7 th extra lead to 9 th extra lead	1 cum	3.30
		FOR HARD DISINTEGRATED ROCK (ITEM 16 TO 17 ABOVE)		
261	20bi	(Extra for every additional 10 metres lead or part there of) over the initial lead for the first 3 extra leads	1 cum	2.30
262	ii	Extra for every additional 10 mtrs. Lead or part there of from 4 th extra lead to 6 th extra lead	1 cum	3.60
263	iii	-do- from 7 th extra lead to 9 th extra lead	1 cum	5.00
		FOR FISSURED AND FRACTURED HARD ROCK AND BOULDERS ETC., (ITEM 18 & 19 a ABOVE)		
264	20.c.I	(Extra for every additional 10 metres lead or part there of) over the initial lead for the first 3 extra leads	1 cum	3.60
265	ii	Extra for every additional 10 mtrs. Lead or part there of from 4 th extra lead to 6 th extra lead	1 cum	6.00
266	iii	-do- from 7 th extra lead to 9 th extra lead	1 cum	6.60
		FOR ALL SOILS, SOFT DISINTEGRATED ROCK AND STONE MATRIX (ITEM N0s 8-b to 15 ABOVE)		
267	21.a.I	Extra for every additional 1 metre lift or part there of over the initial lift for the first 3 extra lifts	1 cum	1.40
268	ii	Extra for every additional 1 mtrs. lift or part there of from 4 th extra lift to 6 th extra lift	1 cum	2.20
269	iii	-do- from 7 th extra lift and above	1 cum	3.40
		FOR HARD DISINTEGRATED ROCK (ITEM 16 & 17 ABOVE)		
270	21.b. I	Extra for every additional 1 metres Lift or part there of over the initial lift for first 3 extra lifts	1 cum	2.20
271	ii	Extra for every additional 1 mtrs. lift or part there of from 4 th extra lift to 6 th extra lift	1 cum	3.30
272	21.b.iii	-do- from 7 th extra lift and above	1 cum	4.90
		FOR FISSURED AND FRACTURED, HARD ROCK AND BOULDERS ETC.(ITEM 18 TO 19 a ABOVE)		
273	21.c.I	Extra for every additional lift of 1 metre or part there of over the initial lift for the first 3 extra lifts	1 cum	4.40

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
274	ii	Extra for every additional lift of 1metre or part there of over from 4th extra lift to 6 th extra lift	1 cum	5.40
275	iii	-do- from 7 th extra lift and above	1 cum	7.10
276		Note: The lift charges mentioned in SS item Nos 21a,21 b, and 21c under (D) Earth work are applicable to delifts also.		
277	22.a	Add to relevant SS 20-A rates for new tank bunds, closing breaches, road formation and embankments for extra watering and consolidation by stone roller upto 1 tonne.	1 cum	2.20
278	b	- do - with stone roller 2 tonnes or cattle treading	1 cum	3.60
	b(I)	Add to relevant SS 20-A rates for new tank bunds, closing breaches, road formation and embankments for extra watering and consolidation by pneumatic tampers at 90% proctor's density.	1 cum	4.20
279	c	Add to relevant SS 20-A rates for new tank bunds,closing breaches, road formation and embankments for extra watering and consolidation of proctor's density with 8 to 10 tonne power roller including watering and conveyance of water for initial lead of 1/2 Kilometer	1 cum	21.90
280		Note: The element of Hire charges is Rs 51.76 per 10 cum corresponding to the hire charges of 8 to 10 Tonne power roller fixed at Rs. 2200 /- per day of 8 hours. The rate shall be increased when the element of hire charges increases for item No. 22 c above,if the roller is lent to the contractor at a rate of Rs 275/- per hour (I.e) Rs 2200 /- per day of 8 hours may be effected.)		
281	22.d	Extra for every additional 1/2 km lead for water over the initial lead of 1/2 Km for consolidation of banks .	1 cum	2.30
282	23.a	Benching old embankment slopes 0.45 x 0.45 metres.	1 RM	1.40
283	23.b	Puddle wall work	1 cum	35.60
284	24	Turfing slopes including watering for 3 months with initial lead for conveyance of water and grass for 1 hectometre.	1 Sq.m	14.40
285	25	Refilling with the excavated sand complying with the standard specifications for filling foundations	1 cum	11.20

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
286	26.a	Refilling with the excavated soils (other than sand) complying with the standard specifications for filling foundations.	1 cum	7.60
287	b	Trimming of slopes of embankments and depositing the soils on the top of the bank.	1 cum	50% of earth work excavation of similar classification
288	c	Ploughing	1 Sq.m	0.30
		(E) CONCRETE AND (G) STONE MASONRY		
289		SSI NOS 31a to 39 and SSI Nos. 60 to 87		Rates have to be worked based on standard data
290		Note:		
291		1. Add for vibrating concrete	1 cum	34.60
292		2. Add for machine mixing of concrete.	1 cum	33.80
293		3.Add where the power is available for operating the mixer, the rate is,	1 cum	22.40
294	A I	White washing and colour banding for guard and guide stones including cost of materials	each	4.40
295	B I	Screening sand and gravel	1 cum	4.40
296	B 2	Screening chips and metal	1 cum	9.30
297	C 1	Removing and refixing Hectometre or Demarcation stones	each	5.60
		CENTERING CHARGES		
298	L 1	Centering charges for culvert slabs and other structures of 3 mts. span and above	1 cum	751.70
299	L 2	Centering charges for bed blocks and culvert slabs and other structures of less than 3 mts. span.	1 cum	615.00
		CENTERING CHARGES FOR MINOR AND MAJOR BRIDGE WORKS		
300	L3	For mass concrete piers, abutments and steining well curbs, well caps etc.,	1 cum	544.90
301	L 4	For RCC piers, abutments, wing wall, steining, well curbs, well caps etc.,	1 cum	679.70

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
302		NOTE:- The rates under L3 and L 4 are applicable to Roads and Buildings and Irrigation structures up to 2 metres width		
303	L 5	For RCC deck slabs	1 cum	1296.40
304	L 6	For RCC beams	1 cum	1638.10
305	L 7	For RCC hand rails	1 cum	1800.70
306	L 8	For CC pavements, wearing coats, approach, slabs, guide stone, J. M. stone etc.,	1 cum	129.90
	n	Laying and fixing RCC Hume pipes in position including lifting, aligning etc., complete with (fixing) collars for the following diametres of pipes but excluding cost of materials (NP2 Class)		
307	N 1	250 mm diameter	1 Rm	13.30
308	N 2	300 mm diameter	1 Rm	17.70
309	N 3	450 mm diameter	1 Rm	23.80
310	N 4	600 mm diameter	1 Rm	37.90
311	N 5	750 mm diameter	1 Rm	47.50
312	N 6	800 mm diameter	1 Rm	56.30
313	N 7	1000 mm diameter	1 Rm	63.30
314	N 8	1220 mm diameter	1 Rm	79.20
315		Note:- For NP3 class 50% extra over the rates of NP2. Class may be allowed.		
		(S) ROAD WORK ITEMS		
		PICKING OLD METALLED SURFACE TO DEPTH OF 40 TO 100 mm SPREADING OLD METAL AND NEW METAL SECTIONING INCLUDING EDGE BUNDS AND SUBGRADE ROLLING, SPREADING METAL INCLUDING BLINDAGE OF GRAVEL WATERING WITH AN INITIAL LEAD OF 2 HECTOMETERS AND HAND ROLLER (1.5 TO 2 TONNES) ROLLING ETC., INCLUDING BARRICADING, DIVERSION OF TRAFFIC AND WETTING THE NEW CONSOLIDATION FOR A FORTNIGHT COMPLETE		
		(For a compact thickness)		
	1 (I)	HARD METAL		
316	a	40 mm thickness	10 sqm	42.20
317	b	50 mm thickness	10 sqm	44.90
318	c	75 mm thickness	10 sqm	50.00
319	d	100 mm thickness	10 sqm	53.50

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
	1 (ii)	(For compact thickness of soft metal)		
320	a	50 mm thickness	10 sqm	33.50
321	b	75 mm thickness	10 sqm	37.90
322	c	100 mm thickness	10 sqm	42.20
323	2	Picking 5 to 100 mm old metalled surface and sectioning	10 sqm	15.70
324	3	Picking gravelled surface 25 mm deep and levelling and sectioning	10 sqm	4.50
325	4	Picking the existing B.T. surface and removal of chips	10 sqm	16.70
326	5	Picking old metalled surface to a depth of 40 to 100 mm and spreading metal including watering with an initial lead of 2 Hectometres and rolling with power rollers watering and spreading gravel for blindage and power roller rolling including hire chages of power roller(8 to 10 T) barricading and diversion of traffic and wetting the new consolidation for a fortnight(for compacted thickness of)		
		HARD METAL		
327	5 (a)	40 mm thick ness	10 sqm	107.50
328	(b)	50 mm thick ness	10 sqm	122.40
329	(c)	75 mm thick ness	10 sqm	134.60
330	(d)	100 mm thick ness	10 sqm	144.10
331	(e)	150 mm thick excluding hire charges	10 sqm	259.60
		Spreading gravel watering with an initial lead of 2 hectometres and power roller (8 to 10 T) rolling excluding hire charges of power roller and barricading etc., (for a compact thickness of)		
332	6a	50 mm thickness	10 sqm	19.80
333	b	75 mm thickness	10 sqm	26.10
334	c	100 mm thickness	10 sqm	42.20
335	d	150 mm thickness	10 sqm	47.50
336	7a	Blinding the road surface 6 mm thick with gravel or sand available at site after remaining loose stones including watering.	10 sqm	1.20
337	b	-do- without watering	10 sqm	1.10
338	8a	Blinding the road surface 6 mm thick with gravel or sand dug from road site including watering.	10 sqm	2.20
339	b	-do- without watering	10 sqm	1.70

Sl. No	S.S. Item No.	Description	Unit	SS Rate For 2006-07
1	2	3	4	5
340		Spreading gravel sand including watering and roller rolling (for compacted thickness of)		
341	9a	-do- 6mm to 20 mm thick	1 cum	30.40
342	b	-do- from 20 to 25 mm thick	1 cum	26.10
343	c	-do- from 25 to 40 mm thick	1 cum	25.10
344	d	-do- from 40 to 50 mm thick	1 cum	22.90
345	10	Picking 50 to 100 mm Old metalled surface, spreading metal and blindage watering tamping for patch repairs (labour only)	10 sqm	21.60
346	11	Picking old metalled surface 50 to 100 mm deep spreading gravel watering and tamping (labour only)	10 sqm	10.90
347	12	Levelling ruts and tamping gravelled roads	10 sqm	2.60
348	13	Levelling ruts and tamping metalled roads	10 sqm	4.60
349	14	Spreading gravel or sand including watering and rolling with hand roller irrespective of thickness in layer	10 cum	184.20
350	15	Carrying for water for WBM consolidation metal and blindage of 40 to 150 mm thickness for every one hectometre beyond initial lead of 2 hectometres beyond initial lead of 2 hectometers	10 sqm	2.60
351		Gelatin(For MORTH data,for works of state & national high ways only)	Per Kg	38.50
352		Electric Detonators(For MORTH data,for works of state & national high ways only)	each	1.10
353		Hot applied thermoplastic compound(For MORTH data,for works of state & national high ways only)	Per Litre	160.10
354		Reflectionising glass beads of 2 mm thick(For MORTH data,for works of state & national high ways only)	Per Kg	53.40
355		Road marking paint confirming to IS 164(For MORTH data,for works of state & national high ways only)	Per Kg	133.50
		BAILING OUT WATER CHARGES FOR CD & CM WORKS (WHEREVER REQUIRED)		
356	I 14	For earth work excavation for foundations below low water level	1 cum	90.50
357	I 15	For cement concrete for foundation below low water level	1cum	90.50
358	n	Labour charges for laying filters with coarse aggregate.	1 cum	36.30
359	o	Labour charges for laying filter with sand.	1 cum	17.10

BUILDING ITEMS

BUILDING ITEMS

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	IV . RATES OF MATERIALS		
	(A) BRICKS & TILE PRODUCTS		
1	Bricks second class or ground moulded (Non-Modular or traditional size) 23 x 11 x 7 cm	1000 Nos	1500.00
2	- do- modular size 19 x 9 x 9 cm	1000 Nos	1755.00
3	Bricks country (Non-modular traditional size) 22 x 11 x 5 cm	1000 Nos	1100.00
	Flyash lime solid blocks with compressive strength of 75 kg/sq.cm		
4	290 x 225 x 140 mm	Each	10.00
5	290 x 200 x 140 mm	Each	8.50
6	290 x 122 x 140 mm	Each	5.80
7	290 x 100 x 140 mm	Each	4.80
8	225 x 100 x 60 mm	Each	2.00
9	145 x 225 x 140 mm	Each	5.80
10	145 x 200 x 140 mm	Each	4.30
	Flyash lime solid blocks with compressive strength of 50 kg/sq.cm		
11	290 x 225 x 140 mm	Each	8.20
12	290 x 200 x 140 mm	Each	6.80
13	290 x 122 x 140 mm	Each	4.10
14	290 x 100 x 140 mm	Each	3.40
15	225 x 100 x 60 mm	Each	1.50
16	145 x 225 x 140 mm	Each	4.10
17	145 x 200 x 140 mm	Each	3.70
18	Cynder	1 Cum	273.20
	Supply of 'AEROCON' HQ building Blocks & 'COMFORTILE-Thermal Roof Tile' ('Ex-factory price) including all taxes.		
	A. AEROCON – HQ BUILDING BLOCKS		
19	600 x 200 x 75 mm	Each	27.30
20	600 x 200 x 100 mm	Each	36.90
21	600 x 200 x 125 mm	Each	44.00
22	600 x 200 x 150 mm	Each	51.00
23	600 x 200 x 200 mm	Each	68.90
24	600 x 200 x 230 mm	Each	79.60
	B. COMFORTILE -Thermal Roof Tile		
25	300 x 200 x 50 mm	Each	10.70

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Supply & fixing of AEROCON PANELS		
26	Supply & fixing of 50mm thick Aerocon sandwich Panels having Tongue and Groove joint for partitions and walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., as a complete item of work excluding finishings, fittings & fixtures.	Sqm.	1009.80
27	Supply & fixing of 75mm thick Aerocon sandwich Panels having Tongue & groove joint for partitions And walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., As a complete item of work Excluding finishings, fittings & fixtures	Sqm.	1128.60
	AEROCON PANELS		
28	50mm thick x 600mm standard width x 2400mm, 2700mm & 3000mm lengths	1 Sqm.	712.80
29	75mm thick x 600mm standard width x 2400mm, 2700mm & 3000mm lengths	1 Sqm.	950.40
	CUDDAPAH/SHAHABAD STONES		
30	Cuddapah/Shahabad slab 40 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	99.80
31	Cuddapah/Shahabad slab 50 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	111.70
	Shahabad Stone slab of Tandur 25.4 mm thick		
32	White	10 Sqm	748.40
33	Blue	10 Sqm	807.80
	Shahabad Stone slab of Tandur 50.8 mm thick		
34	White	10 Sqm	855.40
35	Blue	10 Sqm	974.20
	Polished Shabad stone slab 25.4mm thick		
	(0.457 X 0.304) or any other size as specified		
36	White	10 Sqm	1455.30
37	Blue	10 Sqm	1841.40
38	Polished black cuddapah slabs 25.4 mm thick (0.457x 0.457M)	10 Sqm	1372.10
39	Polished Bethamcherla white stone 25.4 mm thick (0.254M x0.254M)	10 Sqm	3593.70
40	Polished Bethamcherla colored stone 25.4 mm thick (0.254M x0.254M)	10 Sqm	3831.30

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
41	High Polished Granite 18 to 20 mm thick up to 8'-00 (2.43 M) other than black	1Sqm	1746.40
42	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black	1Sqm	1603.80
43	High Polished Granite 18 to 20 mm thick up to 8'-00 (2.43 M) black	1Sqm	1496.90
44	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) black	1Sqm	1354.30
45	Rounding the edges of cuddapah Slabs and Shahabad stone slabs & Marble slabs including polishing the same.	1 Rm	29.70
46	Rounding the edges of Granite slabs including polishing the same.	1 Rm	89.10
47	Flat nosing to Cuddapah slabs and Shahabad stone slabs 40mm thick	1 Rm	4.30
48	Flat nosing to Cuddapah slabs and Shahabad stone slabs 50mm thick	1 Rm	5.00
49	Flat nosing to Cuddapah slabs and Shahabad stone slabs 60mm thick	1 Rm	6.30
50	Flat nosing to Cuddapah slabs and Shahabad stone slabs 75mm thick	1 Rm	7.20
	FLOORING SLABS/ TILES		
51	Dongari Adanga marble slab polished 18 mm to 20 mm (average) thick (size 0.457 M x 0.457 M)/ (0.6M x 0.6M)	1 sqm	534.60
52	Dongari Adanga marble slab polished 16 mm to 20 mm (average) thick (size 0.457 M x 0.457 M)/ (0.6M x 0.6M)	1 sqm	475.20
53	Dongari Adanga marble slab polished 18 mm to 20 mm (average) thick 0.305 M x 0.305 M	1 sqm	445.50
54	Dongari Adanga marble slab polished 16 mm to 20 mm (average) thick 0.305 M x 0.305 M	1 sqm	386.10
55	Dongari Adanga marble slab polished 18 mm to 20 mm (average) thick (0.610 M width of any length).	1 sqm	712.80
56	Dongari Adanga marble slab polished 16 mm to 20 mm (average) thick (0.610 M width of any length)	1 sqm	653.40
57	Marble Tiles polished 8 mm thick	1 sqm	308.90
58	Cutting marble slabs up to 50 mm thick by mechanical device.	1 RM	5.90
59	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 sqm	665.30

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
60	Ceramic tiles 7.3mm thick 1st quality of all shades (as per manufacture specification)	1 sqm	356.40
61	Chequered Terrazo tiles of 22 mm thick (Medium shade) 0.254 M x 0.406 M	1 sqm	207.90
62	Chequered Terrazo tiles of 22 mm thick (Dark shade) 0.254 M x 0.406 M	1 sqm	190.10
63	Chequered Terrazo tiles of 30 mm thick (Light shade) 0.305 M x 0.305 M	1 sqm	190.10
64	Chequered Terrazo tiles of 30 mm thick (Dark shade) 0.305 M x 0.305 M	1 sqm	202.00
65	Chequered Terrazo tiles of 30 mm thick (medium shade) 0.305 M x 0.305 M	1 sqm	178.20
66	Decorated white background glazed tiles 200 mm x 152 mm	1 sqm	437.10
67	Decorated coloured background glazed tiles 200 mm x 300 mm	1 sqm	488.30
68	Fantasy Glazed Tiles size 200mm x152 mm	1 sqm	462.10
69	White glazed Tiles of any size Ist quality	1 sqm	267.30
70	Glazed coloured Tiles of any size Ist Quality	1 sqm	316.00
71	Precast Terrazo Tiles 20 mm thick (Medium shade)	1 sqm	215.50
72	Precast Terazo Tiles 20 mm thick (dark shade)	1 Sqm	209.80
73	Supply & Fixing precast Terrazo Tiles Marbleite in white & colour vains 20 mm thcik	1 Sqm	226.80
74	a) Fixing charges only	1 Sqm	18.70
75	b) Polishing charges only	1 Sqm	25.00
76	c) Wax polishing charges only.	1 Sqm	15.30
77	Supply & Fixing precast Terrazo Tiles Marbleite in white tiles 20 mm thick	1 Sqm	175.80
78	a) Fixing charges only	1 Sqm	18.70
79	b) Polishing charges only	1 Sqm	25.00
80	c) Wax polishing charges only.	1 Sqm	15.30
81	Supply & fixing Terrazo tiles 20 mm thick grey tiles	1 Sqm	102.10
82	a) Fixing charges only	1 Sqm	18.70
83	b) Polishing charges only	1 Sqm	25.00
84	c) Wax polishing charges only.	1 Sqm	15.30
	Supply & fixing of Crazy Marble flooring		
85	Marble powder	1 Kg	2.20
86	Marble chips	1 Sqm	368.60
87	Mosaic chips	1 Sqm	2083.20
88	Grinding, Polishing, electricity charges	1 Sqm	73.20

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
89	Vitrified polished floor tiles 800x 800x10 mm thickness premium type 1st quality	1 Sqm	976.30
90	Vitrified polished floor tiles 600x 600x 8mm thickness premium colour 1st quality.	1 Sqm	864.00
91	Vitrified polished floor tiles 600x 600x 8mm thickness normal colour 1st quality.	1 Sqm	756.00
92	Vitrified polished floor tiles 400x 400x 7mm thickness normal colour 1st quality.	1 Sqm	561.60
93	Providing Bisazza glass Tiles Group 1 series or equivalent quality 20 x 20x4 mm thick to be applied on sponge finish plastered surface using laticrete or equivalent thin set polymer based adhesive.	1 Sqm	1395.40
	(C) TIMBER AND ROOFING MATERIALS		
	TEAK WOOD		
	Note: Before proposing the Teak Wood Items, the estimating authorities shall obtain prior approval from the competent authority		
122	Teak wood scantlings below 2 meters First class	1 cum	68000.00
123	Teak wood scantlings below 2 meters Second class	1 cum	58000.00
124	Teak wood scantlings above 2 meters First class	1 cum	70000.00
125	Teak wood scantlings above 2 meters Second class	1 cum	60000.00
126	Teak wood planks of all sizes First Class	1 cum	62000.00
127	Teak wood Planks of all sizes second class.	1 cum	51000.00
128	Burma Teak wood scantlings below 2 meters	1 cum	Deleted
129	Burma Teak wood scantlings above 2 meters	1 cum	Deleted
130	Burma Teak wood planks 0.15m to 1 m	1 cum	Deleted
131	Assam Teak Wood frames	1 cum	24786.00
132	Assam Teak Wood Planks	1 cum	30240.00
133	Sal Wood Frames	1 cum	24786.00
134	Sal Wood Planks	1 cum	30240.00
	GALVANIZED IRON SHEETS		
135	Plain or Corrugated Galvanized iron sheets as per IS 277	1 kg	39.20
137	Country Nails	1 Kg	27.10
138	Wire Nails	1 Kg	27.10
139	Labour charges for petty Iron work for truss straps etc., wrought & put up (labour only)	1 Kg	6.50
140	labour for fabrication of reinforcement including bending and placing at site in position including cost of binding wire	1 Kg	4.70

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Galvanized Steel Barbed wire		
141	I.O.A. 12 Gauge	1 Kg	27.40
142	I.O.A. 14 Gauge	1 Kg	26.10
143	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths,interlocked together through their entire length and jointed together at the ends by end-locks,mounted on speciallydesigned pipe shaft of 50mm dia nominal bore MS B class pipe with brackets,plates,guide channels,stoppers,bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete,painted with one coat of approved steel primer,locks,ball bearings,all accessories etc complete for finished item of work as per special spn:1108	1 Sqm	1540.00
144	Supplying & fixing collapsable steel shutters with verticle, double channel of 20 x10x2 mm of 100 mm center ,Bracers with flat iron 40x40x6 mm with 38 mm dia steel pulleys,the top,bottom and side vertical frames of the collapsable gate with 65x65mmx8mm MS Angle and middle guide rail at site height with 65mmx8mm MS flat for the pulleys to guide and fixed with necessary hold fasts,bolts,nuts,rivets,locking arrangements,stoppers,handles,all accessories all fixtures and painted with one coat of approved steel primer etc., complete for finished item of work as per special spn 1105	1 Sqm	1280.00
	(D) DOOR FITTINGS		
	1) TOWER BOLTS AS PER IS 204		
	BRASS		
145	100 mm Long	Each	48.40
146	150 mm Long	Each	72.00
147	200 mm Long	Each	96.80
148	250 mm Long	Each	120.50
149	300 mm Long	Each	147.80
	ALLUMINIUM		
150	75 MM Long	Each	32.10
151	100 mm Long	Each	38.10
152	150 mm Long	Each	46.30
153	200 mm Long	Each	58.20
154	250 mm Long	Each	68.90
155	300 mm Long	Each	80.70

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	MILD STEEL (POWDER COATED)		
156	100 mm Long	Each	11.90
157	150 mm Long	Each	17.80
158	200 mm Long	Each	25.00
159	250 mm Long	Each	34.40
160	300 mm Long	Each	42.80
	2) BUTT HINGES AS PER IS : 205		
	BRASS		
161	75 MM Long	Each	21.20
162	100 mm Long	Each	67.00
163	125 mm Long	Each	80.70
164	150 mm Long	Each	106.80
	ALLUMINIUM		
165	75 MM Long	Each	45.10
166	100 mm Long	Each	54.70
167	125 mm Long	Each	64.10
168	150 mm Long	Each	64.10
	MILD STEEL (POWDER COATED)		
169	75 mm Long	Each	5.90
170	100 mm Long	Each	10.70
171	125 mm Long	Each	15.40
172	150 mm Long	Each	21.30
	3) DOOR HANDLES AS PER IS:208		
	ALLUMINIUM		
173	75 mm Long	Each	29.70
174	100 mm Long	Each	34.40
175	125 mm Long	Each	51.00
176	150 mm Long	Each	57.00
	MILD STEEL (POWDER COATED)		
177	125 mm Long	Each	15.40
178	150 mm Long	Each	22.60
	ALDROPS AS PER IS:2681		
	BRASS		
179	300 mm long	Each	436.00
	ALLUMINIUM		
180	200 mm long	Each	134.20
181	250 mm long	Each	160.40
182	300 mm long	Each	173.50
	MILD STEEL (POWDER COATED)		
183	200 mm long	Each	53.50
184	250 mm long	Each	70.10
185	300 mm long	Each	83.20

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	5)FLAT LATCHES		
	BRASS		
186	Door Stoppers	Each	86.90
187	Windows Stay	Each	99.40
	ALLUMINIUM		
188	200 mm long	Each	64.10
189	250 mm long	Each	73.70
190	300 mm long	Each	77.20
	MILD STEEL (POWDER COATED)		
191	250 mm long	Each	26.20
192	300 mm long	Each	33.20
193	Door Stoppers	Each	22.60
194	Supply & fixing droppery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	Rft	17.80
195	Supply & fixing droppery bracket - brass powder coated	pair	207.90
196	Brass Aldrop heavy duty 350 mm	Each	838.30
197	Brass Aldrop heavy duty 450 mm	Each	1193.60
198	Alluminium Aldrop 350 mm ISI marked IS 204	Each	218.60
199	Alluminium Aldrop 450 mm ISI marked IS 204	Each	276.80
200	Delux window stay alluminium	Each	59.40
201	Heavy duty alluminium Door stopper	Each	25.00
202	Brass fancy handles 150 mm	Each	147.80
203	Brass fancy handles 200 mm	Each	201.20
204	Brass fancy handles 250 mm	Each	362.70
205	Brass fancy handles 300 mm	Each	463.20
206	Brass fancy handles 450 mm	Each	724.00
207	Door closer automatic hyper brand IS 3564	Each	606.00
208	Double action brass plate floor spring Hyper brand IS 6315	Each	800.70
209	Floor spring Ist Quality for Aluminium door	Each	1603.70
210	Heavy duty mortice lock 6/7 levers with PC or CP handles complete set	Each	375.10
211	Heavy duty mortice lock 6/7 levers with brass heavy handles	Each	1307.80
212	Brass latch heavy 300 mm	Each	274.50
213	Brass latch heavy 350 mm	Each	315.40
214	Brass latch heavy 450 mm	Each	416.10
215	Friction stay hinges for windows	Each	53.50
216	Keyless lockset for toilet with CP or PC handles (complete set)	Each	154.40
217	Keyless lock set for toilet with brass handles	Each	411.10

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	(E) MISCELLANEOUS ITEMS		
218	Alluminium sheet 24 Gauge	1 Sqm	198.40
	Alluminium strips		
219	Alluminium Strip 40 mm wide and 2 mm thick	1 Kg.	137.80
220	Alluminium plain strip edging 38x12x3 mm	Metre	44.00
221	Alluminium plain strip edging 57x12x3 mm	Metre	62.90
222	Alluminium strips 10 mm	1 Kg.	124.70
223	Alluminium Strips 25 mm	1 Kg.	124.70
224	Alluminium Stips 38 mm wide and 1.6 mm thick.	1 Kg.	124.70
225	7.5mm thick Alluminium Grill (as approved by the department) 3.58 Kg/Sq.m.	1 Sqm	730.60
226	Supply & fixing MS/CI grills of any design	1 Kg.	32.40
227	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1" (25.4 mm) thick	1 Sqm	609.80
228	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1/2" (12.7 mm) thick	1 Sqm	349.00
229	Expanded metal Jally 3/4" (19.05 mm) size	1 Sqm	82.10
230	GI (M.S) fly proof wire mesh 16 x 20 guage	1 Sqm	122.30
231	SS fly proof mesh	1 Sqm	297.00
232	Chain link mesh 8 guage 2" x2" (50.8 mm x 50.8 mm)	1 Sqm	141.40
233	Chain link mesh 8 guage 3" x 3" (76.2 mm x 76.2 mm)	1 Sqm	96.30
234	Chain link mesh 8 guage 4"x4" (101.6 mm x 101.6 mm)	1 Sqm	82.00
235	Rabbit wire mesh (chicken mesh)	1 Sqm	9.50
236	Providing Tarfelting roof repairs duly applying one coat of appropriate grade of bitumen in hot condition @ 1.2 Kg/1Sqm of roof area, fixing tarfelt (Manufactures to IS 1322/1972 specification), applying second coat of appropriate grade of hot bitumen at 1.20 Kg/1Sqm of roof area and spreading course aggregate (sand) at 0.063 cum per 1 Sqm of roof area finished item including all taxes.	1 Sqm	130.40

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
237	Providing waterproofing treatment by supplying and applying ROOFSHIELD-1500 OR EQUIVALENT (1.50 mm thickness, 2.25Kg per Sq.Mt and 20 X1 Mtr. roll with a center core of 90 micron thickness HMHDPE film) Water Proofing Membrane.A) apply one coat of Butiminous Emulsion, first coat of bituminous grade 85/25, fix "ROOFSHIELD-1500 OR EQUIVALENT" water proofing membrane, apply second coat of Bitumen grade 90/15 after sealing all the joints and abutments with a Gas torch and apply one coat of BITUMINOUS ALUMINIUM PAINT for heat resistance for finished item including all taxes	1 Sqm.	189.00
238	Supply, laying & fixing of 60mm thick cement Mosaic reflective concrete pavers from "Super decorative floorings" make of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete. However cement, sand, water, electricity etc shall be provided by you free of cost at site.	1 Sqm.	581.00
239	Supply, laying & fixing of 30mm thick cement Mosaic reflective concrete pavers from "Super decorative floorings" make of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete. However cement, sand, water, electricity etc shall be provided by you free of cost at site.	1 Sqm.	522.70
	WATER PROOFING & CONSTRUCTION CHEMICALS AND EPOXIES		
	Any company make As per I.S.I. Standards, First Quality Rate (exfactory) including all taxes		
	A) Concrete Admixtures and Plasticisers		
	Conflow SNP1 or Equivalent		
240	Pack size 1 litre	1 litre	38.60
	Conflow SNP20 or Equivalent		
241	Pack size 1 litre	1 litre	48.60
	Conflow SNPA or Equivalent		
242	Pack size 1 litre	1 litre	63.40
	B) Super Plasticisers		
	Conflow SNS I OR EQUIVALENT.		
243	Pack size 1 Ltr	Ltr	48.60

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Conflow SNS 2 OR EQUIVALENT.		
244	Pack size 1 Ltr	Ltr	48.60
	Accelerating Plasticisers		
	Conflow SNA OR EQUIVALENT.		
245	Pack size 1 Ltr	Ltr	60.50
	Retarding Plasticisers		
	Conflow SNR OR EQUIVALENT.		
246	Pack size 1 Ltr	Ltr	38.60
	Air Entraining Agents		
	Conflow SNE OR EQUIVALENT.		
247	Pack size 1 Ltr	Ltr	38.60
	Retarding super Plasticisers		
	Conflow SNS3 SPL OR EQUIVALENT		
248	Pack size 1 Ltr	Ltr	48.60
	Conflow SNS3 OR EQUIVALENT		
249	Pack size 1 Ltr	Ltr	63.40
	Mortar Plasticisers		
	Morflow SN1 OR EQUIVALENT		
250	Pack size 1 Ltr	Ltr	18.40
	Integral Water Proofing compounds		
	Conflow SNW1 OR EQUIVALENT		
251	Pack size 1 Ltr	Ltr	56.00
	Conflow SNW2 OR EQUIVALENT		
252	Pack size 25 Kg	Kg	8.30
253	Pack size 750 Gms	Pack	10.20
	Block Admixtures		
	Conflow SNB OR EQUIVALENT		
254	Pack size 1 Ltr	Ltr	19.30
	Sprayed Concrete Accelerators		
	Shotset SN1 OR EQUIVALENT		
255	pack size 250 Kg.	Kg	19.30
	B) Concrete surface Treatments curing compounds		
	CURAID SN1 OR EQUIVALENT		
256	Pack size 1 Ltr	Ltr	48.60
	CURAID SN2 OR EQUIVALENT		
257	Pack size 1 Ltr	Ltr	50.50
	Formwork & Mould Treatment		
	Shutterol SNU OR EQUIVALENT		
258	Pack size 1 Ltr	Ltr	48.70

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Cleaning Agents		
	Uniklen SN1 OR EQUIVALENT		
259	Pack size 1 Ltr	Ltr	20.20
	Uniklen SN2 OR EQUIVALENT		
260	Pack size 1 Ltr	Ltr	45.00
	Uniklen SN3 OR EQUIVALENT		
261	Pack size 1 Ltr	Ltr	107.50
	C)Free flow - Non shrink Grouts		
	Pre – Packed Cementitious Grouts		
	Expacrete SN 50 OR EQUIVALENT		
262	Pack size 25 Kg	Kg	8.30
	Expacrete SN 70 OR EQUIVALENT		
263	Pack size 25 Kg	Kg	10.20
	Expacrete SN 90 OR EQUIVALENT		
264	Pack size 25 Kg	Kg	15.70
	Expacem SN 2 OR EQUIVALENT		
265	Pack size 250 gm	pack	23.80
	Epoxy Resin Grouts		
	Expacrete SNE 1 OR EQUIVALENT		
266	Pack size 1 Kg	Kg	510.30
	Expacrete SNE 3 OR EQUIVALENT		
267	Pack size 15 Kg	pack	1944.00
	Polyster Resin Grouts		
	Anchrset SN1 OR EQUIVALENT		
268	Pack size 1 Kg	pack	121.50
	Anchrset SN2 OR EQUIVALENT		
269	Pack size 10 Kg	pack	1142.10
	D) Industrial Flooring systems		
	Floor Hardeners		
	Flortop SNC OR EQUIVALENT		
270	pack size 25 Kg	Kg	19.30
	Floor top SNS OR EQUIVALENT		
271	Pack size 25 Kg.	Kg	11.90
	Expoxy Floor coating & protective coatings		
	Procoat SNF or Equivalent		
272	Pack size 1 Kg	Pack	403.40
	Procoat SNS or Equivalent		
273	Pack size 1 Kg	Pack	335.30
	Essenputty SNE or Equivalent		
274	pack size 1 Kg	Pack	204.10

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Procoat SNZ or Equivalent		
275	Pack size 1 Ltr	Pack	486.00
	Procoat SNL or Equivalent		
276	Pack size 2.5 Kg.	Pack	704.70
	Epoxy Self Levelling (Flooring system)		
	Flortop SNSL or Equivalent		
277	Pack size 14 Kg	Pack	2818.80
	Flortop SNSL (SPL) or Equivalent		
278	Pack size 14 Kg	Pack	2148.10
	Heavy Duty Epoxy Base (Flooring system)		
	Flortop SNM or Equivalent		
279	Pack size 16 Kg	Pack	1142.10
	Flortop SNFM or Equivalent		
280	Pack size 16 Kg	Pack	874.80
	Epoxy resin primer		
	Florcoat SNP or Equivalent		
281	Pack size 1 Kg	Pack	486.00
	Procoat SNC or Equivalent		
282	pack size 3 Kg	Pack	806.80
	Procoat SNP or Equivalent		
283	pack size 1 Kg	Pack	470.90
	Procoat SNP2 or Equivalent		
284	pack size 3 Kg	Pack	845.60
	E) Repair Products		
	Reprecrete SNC or Equivalent		
285	Pack size 25 Kg	Kg	11.90
	Reprecrete SNE1 or Equivalent		
286	Pack size 16 kg	Pack	1341.40
	Reprecrete SNW Primer or Equivalent		
287	Pack size 1 Kg	Pack	670.70
	Reprecrete SNW Mortor or Equivalent		
288	Pack size 1 Kg	Pack	189.50
	Uniplug SN or Equivalent		
289	pack size 5 Kg	Kg	25.70
	F) Water Proffing Systems		
	Aquacoat SNF or Equivalent		
290	Pack size 15+5 Kg	Pack	1477.40
	Water Repellants		
	Aquarepel SN1 or Equivalent		
291	Pack size 1 Ltr	Ltr	45.90
	G) Adhesive Tile Adhesives		

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Tilegrip SNU or Equivalent		
292	Pack size 15 Kg	Kg	15.70
	Bonding Adhesives		
	Conbond SNA or Equivalent		
293	Pack size 1 Ltr	Ltr	204.10
	Conbond SNE or Equivalent		
294	Pack size 1 Kg	Pack	558.90
	Note: Literature for usage / application of above construction /water proofing materials, epoxies etc, will be obtained from manufacturers.		
	BITUMINOUS HOT SEALING COMPOUND		
295	Grade 'A' I.S.I excluding ST	1 Kg	19.90
296	Bitumen solution primer of aproved quality excluding ST	1 Kg	32.30
297	Tar Felt Type - 2 Grade - 1	1 sqm	58.40
	GLASS - SAINT GOBIAN / MODIGUARD OR EQUIVALENT		
298	Plain Glass 4 mm thick	1 sqm	242.00
299	Plain Glass 5 mm thick	1 sqm	308.00
300	Tinted Glass 4 mm thick	1 sqm	374.00
301	Tinted Glass 5 mm thick	1 sqm	484.00
302	Pin headed Glass 4 mm thick	1 sqm	187.00
303	Ground Glass 4 mm thick	1 sqm	308.00
304	Ground Glass 5 mm thick	1 sqm	363.00
	CEMENT JALI		
305	25 mm thick	1 sqm	110.20
306	40 mm thick	1 sqm	142.60
307	50 mm thick	1 sqm	194.40
	BRUSHES		
308	Wire Brush	Each	23.80
309	Soft Brush	Each	106.90
	DISTEMPERS		
310	Dry Powder Distemper	1 Kg	23.40
311	Oil Bound Washable Distemper Acrylic Based	1 Kg	62.10
	POLISH		
312	French Spirit Polish	1 Ltr	105.50
313	Wax Polish (Ready made)	1 Kg	210.90
314	Putty for steel work	1 Kg	15.20
315	Putty for wood work	1 Kg	32.80
316	Melamine Polish including cost & labour charges	1Sqm	323.70

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	PAINTS (CONFORMING TO I.S.I)		
317	Alluminium paint Ist Grade	1 Ltr	210.90
318	Anti Corrosive bitumen paint (Black) grade1	1 Ltr	322.20
319	Red Oxide Primer Paint Grade -1	1 Ltr	76.20
320	Red Oxide Primer Paint Grade – II	1 Ltr	58.60
321	Synthetic Enamel paints in all shades Grade - I	1 Ltr	146.50
322	Synthetic Enamel paints in all shades Grade - II	1 Ltr	105.50
323	Plastic Emulsion Paint Grade – I	1 Ltr	234.40
324	Water proof Cement paint of Superior Quality	1 Kg	31.70
325	White Lead	1 Kg	61.00
326	Marble Powder	1 Kg	15.20
327	Cement primer Grade –I	1 Kg	76.20
328	Cement primer Grade –II	1 Kg	58.60
329	Impervios Water Proofing compound	1 Kg	20.00
330	Fevicol/Wood adhesive compound	1 Kg	128.90
331	Wood Primer	1 Ltr	105.50
332	Oil bound Distemper Primer.	1 Ltr	58.60
333	Supplying and finishing (Altek or equivalent brand) to interior faces of new walls and ceiling of approved colour as per manufacturers specification including cost and conveyance of materials to site and labour charges such as preparing the wall, applying primary coat etc, complete for finished item of work.	1 Sqm	70.20
334	Altek paint	25 Kg	313.20
335	Trump	1 Ltr	129.60
336	Snowcem or equivalent quality	25 Kg	864.00
337	Surya Cem or equivalent quality	25 Kg	162.00
338	a).Unitek Fine Grade or equivalent brand	25kg	259.20
	b).Supply and finishing of Unitek fine Grade or equivalent brand t with superfine grade to interior faces of new walls and ceiling of approved colour as per manufacturers specification including cost and conveyance of materials to site and labour charges such as preparing the wall, applying the primary coat etc., complete for finished item of work	1 sqm	99.40
339	Unitek Superfine Grade or equivalent brand	25kg	280.80
340	Supply and finishing of Unitek Superfine Grade or equivalent brand to interior faces of new walls and ceiling of approved colour as per manufacturers specification including cost and	1sqm.	70.20

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	conveyance of materials to site and labour charges such as preparing the wall, applying the primary coat etc., complete for finished item of work		
341	Unitek Granito Grade or equivalent brand	1kg	1296.00
342	Unitek Granito Grade or equivalent brand	5kg	6318.00
343	Unitek Granito Grade or equivalent brand	20kg	25110.00
344	Supply and finishing of Unitek Granito Grade or equivalent brand to interior faces of new walls and ceiling of approved colour as per manufacturers specification including cost and conveyance of materials to site and labour charges such as preparing the wall, applying the primary coat etc., complete for finished item of work	1sqm.	1274.40
345	a).Unitek Superfine (Water resistant)Grade or equivalent brand	25kg	810.00
	b).Supply and finishing of Unitek Superfine(Water resistant)Grade or equivalent brand to interior and exterior faces of new walls and ceiling of approved colour as per manufacturers specifications including cost and conveyance of materials to site and labour charges such as preparing the wall,applying the primary coat etc.,complete for finished item of work.	1 sqm.	135.00
346	Unitek Orient Grade or equivalent brand	25kg	1058.40
347	Supply and finishing of Unitek Orient Grade or equivalent brand to interior and exterior faces of new walls and ceiling of approved colour as per manufacturers specification including cost and conveyance of materials to site and labour charges such as preparing the wall, applying the primary coat etc., complete for finished item of work	1sqm.	194.40
348	Unitek Antico Grade or equivalent brand	25kg	1123.20
349	Supply and finishing of Unitek Antico Grade or equivalent brand to interior and exterior faces of new walls and ceiling of approved colour as per manufacturers specification including cost and conveyance of materials to site and labour charges such as preparing the wall, applying the primary coat etc., complete for finished item of work	1Sqm.	178.20

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
350	Supply & Application of Two Coats of Alltek Super Fine, One Coat of Alltek Water Based Cement Primer & Two Coats of Alltek Flora (Plastic Emulsion Paint)	1 Sqm.	97.00
351	Supply & Application of Two Coats of Alltek Super Fine, One Coat of Alltek Water Based Cement Primer & Two Coats of Delight (Acrylic Washable Distemper)	1 Sqm.	81.00
352	Supply & Application One Coat of Alltek Water Based Cement Primer & Two Coats of Alltek Harmony (Acrylic Emulsion Paint Extr. Grade).	1 Sqm.	86.00
353	Supply & Application of One Coat of Alltek Water Based Cement Primer & Two Coats of Alltek Alltime (100% Pure Acrylic Emulsion Paint)	1 Sqm.	118.00
	ANTI TERMITE TREATMENT TO OLD & EXISTING BUILDINGS		
354	Providing post construction anti termite treatment to drilling 1/2 inch dia., holes in 12mm depth at the edges of wall floor junction every foot apart and pouring anti termite chemical (Chloriphosphos 20% E.C / Lindine - 20 % E.C.) with a hand operator pressure pump until refusal or to a maximum of one litre per hole. Holes will sealed with cement mortar after treatment and providing spraying and injection termiticides for treating and applying doors, windows, frames, removing, crusting treating with preventive chemicals (the plinth area of the building each floor shall be taken for purpose of payment) finished item including all costs, conveyances and all taxes.	1 Sqm.	118.00
355	Providing pre construction anti termite treatment for new buildings: Providing, applying and Injecting for pre construction anti termite treatment to wall trenches bottom excavation, foundations, vertical walls, top surface of plinth filling wall and floor junctions, joints, conduits and external perimeter of the building (Chloriphosphos 20% E.C / Lindine - 20 % E.C.) with a hand operator pressure pump at applicable areas as per site condition in various stages as per IS: 6313, the plinth area of the building each floor shall be taken for purpose of payment and finished item including all costs, conveyances and all taxes.	1 Sqm.	133.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
356	Vinycide, Matt finish plastic emulsion Artilin Anti Insect paint OR EQUIVALENT for interior walls and ceilings, which will be applied on cement plastered surface, brick, old matt finish paints adhering to the substrate, wood etc., washable finished item .	1 Sqm.	226.00
357	Kremasoie INS, Semi gloss finish Artilin Anti Insect paint OR EQUIVALENT for interior and exterior surfaces, which will be applied on cement plastered surface, brick, old matt finish paints adhering to the substrate, wood, wood products, plasttic products, tiles, glass texttile covering etc., washable finished item .	1 Sqm.	262.00
358	Kremacryl, Matt finish Artilin Anti Insect paint OR EQUIVALENT for interior and exterior, which will be applied on cement plastered surface, brick, old matt finish paints adhering to the substrate, wood etc., washable finished item .	1 Sqm.	287.00
359	Vernis 107, Semi gloss finish transparent Artilin Anti Insect Varnish OR EQUIVALENT for wood work, works against wood borers and termites also for interiors only, which will be applied on wooden surfaces, steel surfaces and tiles, washable finished item .	1 Sqm.	262.00
360	Kermasoie Fongicide, Semi gloss finish Artilin Anti Fungus paint OR EQUIVALENT for inneriors and exteriors which will be applied on cement plastered surface, brick, old Matt finish paints adhering to the substrate, wood and wood products, plaster products, tiles and glass texttile covering etc., washable finished item .	1 Sqm.	237.00
361	Kermasoie INS& Fong, Semi gloss finish acrylic Artilin Anti Insect and Anti Fungus paint OR EQUIVALENT for inneriors and exteriors which will be applied on cement plastered surface, brick, old Matt finish paints adhering to the substrate, wood and wood products, plaster products, tiles and glass texttile covering etc., washable finished item .	1 Sqm.	292.00
362	Bactesoie, Semi gloss finish Artilin bactericidal and fungicidal paint OR EQUIVALENT for inneriors only which will be applied on cement plastered surface, brick, old Matt finish paints adhering to the substrate, wood and wood products, plaster products, tiles and glass texttile covering etc., washable finished item .	1 Sqm.	320.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Prelaminated particle Board		
	(ECO BOARD or Equivalent)		
	(One side choice colour and other side balancing white lamination)		
	A EXTERIOR (GRADE-I)		
363	9 mm thick	1 Sqm	567.00
364	12 mm thick	1 Sqm	626.40
365	18 mm thick	1 Sqm	756.00
366	25 mm thick	1 Sqm	816.50
	B. REGULAR (GRADE -II)		
367	9 mm thick	1 Sqm	489.20
368	12 mm thick	1 Sqm	542.20
369	18 mm thick	1 Sqm	614.50
370	25 mm thick	1 Sqm	722.50
	Prelaminated particle Board		
	(Both sides choice colour of same shade)		
	C. EXTERIOR (GRADE -I)		
371	9 mm thick	1 Sqm	659.90
372	12 mm thick	1 Sqm	723.60
373	18 mm thick	1 Sqm	877.00
374	25 mm thick	1 Sqm	950.40
	D. REGULAR (GRADE - II)		
375	9 mm thick	1 Sqm	565.90
376	12 mm thick	1 Sqm	618.80
377	18 mm thick	1 Sqm	705.20
378	25 mm thick	1 Sqm	803.50
	Particle Board (Exterior Grade) (Bhutan or Equivalent)		
	A. Plain Particle Board		
379	8 mm thick	1 Sqm	208.40
380	12 mm thick	1 Sqm	232.20
381	18 mm thick	1 Sqm	303.50
382	21.4 mm thick	1 Sqm	356.40
383	25 mm thick	1 Sqm	403.90
384	35 mm thick	1 Sqm	659.90
	Melamine Faced prelaminate		
	B. Particle Board (Single Deco)		
385	8 mm thick	1 Sqm	432.00
386	12 mm thick	1 Sqm	489.20
387	18 mm thick	1 Sqm	567.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
388	25 mm thick	1 Sqm	642.60
389	35 mm thick	1 Sqm	1069.20
	Melamine Faced prelaminated		
	C. Particle Board (Twin Deco)		
390	8 mm thick	1 Sqm	496.80
391	12 mm thick	1 Sqm	567.00
392	18 mm thick	1 Sqm	656.60
393	25 mm thick	1 Sqm	726.80
394	35 mm thick	1 Sqm	1366.20
	Particle Board (Interior Grade)(Bhutan or Equivalent)		
	A. Plain Particle Board		
395	6 mm thick	1 Sqm	166.30
396	8 mm thick	1 Sqm	178.20
397	10 mm thick	1 Sqm	196.60
398	12 mm thick	1 Sqm	208.40
399	18 mm thick	1 Sqm	256.00
400	21.4 mm thick	1 Sqm	303.50
401	25 mm thick	1 Sqm	320.80
402	35 mm thick	1 Sqm	558.40
	Melamine Faced Prelaminated		
	B. Particle Board (Singel Deco)		
403	8 mm thick	1 Sqm	380.20
404	10 mm thick	1 Sqm	402.80
405	12 mm thick	1 Sqm	425.50
406	18 mm thick	1 Sqm	489.20
407	25 mm thick	1 Sqm	553.00
	Melamine Faced prelaminated		
	C. Particle Board (Twin Deco)		
408	8 mm thick	1 Sqm	434.20
409	10 mm thick	1 Sqm	475.20
410	12 mm thick	1 Sqm	492.50
411	18 mm thick	1 Sqm	563.80
412	25 mm thick	1 Sqm	619.90
	NATURAL COLOUR INSULATING BOARD		
413	12 mm thick	1 Sqm	160.90
414	18 mm thick	1 Sqm	237.60
415	25 mm thick	1 Sqm	302.40
	WHITE FACE INSULATING BOARD		
416	12 mm thick	1 Sqm	196.60
417	18 mm thick	1 Sqm	279.70

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
418	25 mm thick	1 Sqm	249.50
419	Extra for veneered particle Board with commercial venerring on both sides.	1 Sqm	95.00
420	Venering on both sides with one side teak veneered and other side commercial veneered	1 Sqm	202.00
421	Teak veneering on both sides	1Sqm	315.40
422	Particle Board 12 mm thick (Three Layer)	1 Sqm	249.50
	PANELS		
	Plain particle Board (PPB) (Interior Grade)		
423	9 mm thick	1 Sqm	205.20
424	12 mm thick	1Sqm	227.90
425	15 mm thick	1 Sqm	258.10
426	18 mm thick	1Sqm	285.10
427	21.4 mm thick	1 Sqm	324.00
428	25 mm thick	1Sqm	343.40
	Plain particle Board (PPB) (Exterior Grade)		
429	9 mm thick	1 Sqm	273.20
430	12 mm thick	1Sqm	295.90
431	15 mm thick	1 Sqm	353.20
432	18 mm thick	1Sqm	385.60
433	21.4 mm thick	1 Sqm	446.00
434	25 mm thick	1Sqm	482.80
	Prelaminated particle Board (OSL) (Interior Grade)		
435	9 mm thick	1 Sqm	419.00
436	12 mm thick	1Sqm	451.40
437	15 mm thick	1 Sqm	497.90
438	18 mm thick	1Sqm	529.20
439	21.4 mm thick	1 Sqm	568.10
440	25 mm thick	1Sqm	594.00
	Prelaminated particle Board (OSL) (Exterior Grade)		
441	9 mm thick	1 Sqm	470.90
442	12 mm thick	1Sqm	529.20
443	15 mm thick	1 Sqm	565.90
444	18 mm thick	1Sqm	600.50
445	21.4 mm thick	1 Sqm	661.00
446	25 mm thick	1Sqm	698.80
	Prelaminated particle Board (BSL) (Interior Grade)		
447	9 mm thick	1 Sqm	475.20
448	12 mm thick	1Sqm	516.20
449	15 mm thick	1 Sqm	548.60

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
450	18 mm thick	1Sqm	587.50
451	21.4 mm thick	1 Sqm	661.00
452	25 mm thick	1Sqm	737.60
	Prelaminated particle Board (BSL) (Exterior Grade)		
453	9 mm thick	1 Sqm	527.00
454	12 mm thick	1Sqm	590.80
455	15 mm thick	1 Sqm	643.70
456	18 mm thick	1Sqm	709.60
457	21.4 mm thick	1 Sqm	740.90
458	25 mm thick	1Sqm	771.10
	LAMINATED SHEETS (EQUIVALENT TO DECOLAM)		
	Glossy Finish		
459	1.00 mm thick	1 Sqm	256.00
460	1.50 mm thick	1Sqm	368.30
461	1.80 mm thick	1Sqm	403.90
	Mat Finish		
462	1.00 mm thick	1 Sqm	273.20
463	1.50 mm thick	1 Sqm	380.20
464	1.80 mm thick	1Sqm	410.40
	MEDIUM FIBRE BOARD INTERIOR GRADE (EQUIVALENT TO NUWUD)		
465	6 mm thick	1 Sqm	261.40
466	8 mm thick	1Sqm	297.00
467	12 mm thick	1 Sqm	398.50
468	15 mm thick	1Sqm	505.40
469	18 mm thick	1 Sqm	564.80
470	25 mm thick	1Sqm	802.40
471	30 mm thick	1 Sqm	968.80
472	35 mm thick	1Sqm	1057.30
	MEDIUM FIBRE BOARD EXTRIOR GRADE (EQUIVALENT TO NUWUD)		
473	6 MM Thick	1 Sqm.	357.50
474	8 MM Thick	1 Sqm.	415.80
475	12 MM Thick	1 Sqm.	549.70
476	15 MM Thick	1 Sqm.	691.20
477	18 MM Thick	1 Sqm.	773.30
478	25 MM Thick	1 Sqm.	1031.80
479	30 MM Thick	1 Sqm.	1284.70
480	35 MM Thick	1 Sqm.	1517.40

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	DECOLAM SHEET GLOSSY FINISH		
481	1 mm thick	1 Sqm.	262.20
	DECOLAM SHEET MATT FINISH		
482	1 mm thick	1 Sqm.	281.70
	PARTICLE BOARD CEILINGS		
483	Gypsum Board 0.595 M x 0.595 M of 12.5 mm thick as per IS 2095 -1992	1 Sqm	190.10
484	False ceiling with 12.5 mm Gypsum Board IS 2095 -1982 using Gyp steel section including installation and complete finish excluding painting.	1 Sqm	577.80
485	Supply & fixing GVP board 0.595 x 0.595M 12.5mm thick tile using fine line grid system including installation and complete finished excluding painting	1 Sqm	640.40
	Gypboard wall lining :		
486	Supply & fixing of Gypboard wall lining using 9.5/12.5 mm thick Gyp - board (conforming to IS 2095-1982), fixing to Gypsteel GI channels of perimeter channel (20mm x30mm x27mm x0.55mm thick) and ceiling channels of (51.5 mm x 26mm x26mmx10.5mmx0.55mm thick) and fixing and finishing using joint compound and paper tape complete finish as per specification without painting.	1 Sqm	591.80
	Gypboard plain false ceiling:		
487	Supply and fixing of Gypboard plain false ceiling using 12.5 mm thick Gypboard conforming to IS 2095 -1982, fixing to Gypsteel GI channels frame work using perimeter channel (20mm x30mmx27mmx0.55mm) Intermediate channels (45mm x15mmx15mmx0.9mm) and ceiling channels (51.5 mm x26mm x10.5mm x 0.55 mm thick) jointing and finishing using joint compound and paper tape complete finish as per specification without painting	1 Sqm	651.20
	Gypboard (fine line) Grid suspended ceiling Supply and fixing of Gypboard (conforming to IS 2095-1982) FALSE CEILING WITH FINE LINE EXPOSED Grid suspended ceiling system using pre-coated galvanized steel		

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	main "T" section (24x38x0.35 mm thick x 3600 mm) Cross "T" (24x38x0.35mm x 600mm)and wall angle of (24x24x0.8 mm thick x 3050 mm) to form Grid size 600x 600 mm using MS Rods, "J" Bolts and anchor fasteners etc as per specification & as directed by dept, officers.		
488	Using Plain Gypsum Board 9.5 mm laid on to the Grid	1 sqm	534.60
489	Using Plain Gypsum board 12.5 mm laid on to the Grid.	1 Sqm	577.80
	Gypboard metal stud partition single layer:-		
490	Supply &fixing 75mm thick metal stud partition using 12.5 mm thick Gypboard conforming to IS 2095-1982 screw fixed to either side to 48 mm studs of 0.55 mm thick with the 50 mm floor and ceiling channel 0.55 mm and the joints duly finished with joint compound, paper tape and two coats Dry wall top coat as per specification.	1 Sqm	972.00
492	Providing wooden paneling 12 mm thick Novapan one side laminated sheet fixed on wooden frame of BT wood size 50.8 mm x 25.4 mm (2"x1") at distance of 609.6mm (2'-0") intervals of both ways providing 3/4" x 1/2" (19.05 mm x 12.7 mm) size BT wood ornamental cover beeding and necessary screws, fevical glue complete for finished item of work.	1 Sqm	1312.20
493	Supply , manufacturing , installing of library Rack of 19 mm thick ISI marked commercial ply All round boxing verticals, Horizontal for depth of 609.6mm (2'-0) and shelves with 3.5 mm thick teak veneer covered with on exposed surface externally and internally and each panels with 6mm thick ISI commercial ply with 3.5 mm thick teak veneer for glazed shutters teak wood size 55 mm x 28mm with 5 mm thick glass fixed with ornamental beeding and other ornamental beading is covered as per drawing including brass hinges, ornamental handles, ball catchters, buffers, locking system etc, and all the commercial ply exposed edges are to be covered with 6 mm thick teak wood lipping. All the teak veneer and teak wood and ornametnal beading is to coated with polishing and a coat of melamine finish etc, complete for finished item of work.	1 Sqm	5616.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
494	Thermocole 12 mm thick	1 Sqm	20.50
495	Thermocole 19 mm thick	1 Sqm	35.60
	Supply &fixing thermocole false ceiling 2' x 2' (609.6 mm x 609.6 mm) size with all necessary fittings for finished item of work.		
496	25 mm thick	1 Sqm	362.90
497	19 mm thick	1 Sqm	339.10
498	Plaster of paris 12 mm thick	1 Sqm	356.40
499	Plaster of Paris 10 mm thick	1 Sqm	297.00
500	Supply & fixing Plaster of paris false ceiling with all necessary fittings for finished item of work.	1 Sqm	387.70
	PLYWOOD ITEMS		
501	Plywood 3 ply with teak ply on one face and commercial ply on another face 4mm thick	1 Sqm	374.80
502	Plywood 5 ply with commercial ply on both faces 6 mm thick	1 Sqm	332.60
503	Plywood 5 ply with commercial ply on both faces 8 mm thick	1 Sqm	339.10
504	Plywood 5 ply with Teak ply on both faces 9 mm thick	1 Sqm	814.30
505	Plywood 5 ply with teak ply on one face and commercial ply on another face 6 mm thick	1 Sqm	487.10
506	Plywood 5 ply with teak ply on one face and commercial ply on another face 9 mm thick	1 Sqm	624.20
507	Plywood 9 ply with commercial ply on both faces 12 mm thick.	1 Sqm	386.60
508	Plywood 9 ply with commercial ply on both faces 15 mm thick.	1 Sqm	558.40
509	Plywood 9 ply with commercial ply on both faces 19 mm thick.	1 Sqm	641.50
510	Plywood 9 ply with teak ply on both faces 12 mm thick	1 Sqm	950.40
511	Plywood 9 ply with teak ply on one face and commercial ply on another face 13 mm thick	1 Sqm	796.00
	Flush Door Shutters (Kutty or Equivalent) Conforming to IS 2201		
	(Providing Solid core Flush Doors veneer facing).		
	Both Sides Teak		
512	40/38 mm thick	1 Sqm	1303.00
513	35mm thick	1 sqm	1272.20
514	30 mm thick	1 sqm	1213.90

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	One Side teak wood and other side commercial		
515	40/38 mm thick	1 sqm	1172.90
516	35 mm thick	1 sqm	1123.70
517	30 mm thick	1 sqm	1075.70
	One Side teak wood and other side Kutty Coat		
518	40/38 mm thick	1 sqm	1386.70
519	35 mm thick	1 sqm	1332.50
520	30 mm thick	1 sqm	1279.30
	Both Side Commercial		
521	40/38 mm thick	1 sqm	995.80
522	35 mm thick	1 sqm	948.20
523	30 mm thick	1 sqm	899.10
	Both Sides Kutty Coat		
524	40/38 mm thick	1 sqm	1236.60
525	35 mm thick	1 sqm	1183.70
526	30 mm thick	1 sqm	1129.70
	Providing Internal Lipping by Teak Wood Single Leaf		
527	All edges 30 mm thick & below	1 sqm	317.50
528	35 mm thick	1 sqm	359.60
529	38/40 mm thick	1 sqm	395.30
	Providing Internal Lipping by Teak Wood Double Leaf		
530	All edges 30 mm thick & below	1 sqm	485.50
531	35 mm thick	1 sqm	509.50
532	38/40 mm thick	1 sqm	671.20
	Providing External Lipping by Teak Wood Single Leaf		
533	All edges 30 mm thick & below	1 sqm	221.40
534	35 mm thick	1 sqm	245.70
535	38/40 mm thick	1 sqm	245.70
536	Bottom edges only	1 sqm	23.80
	Providing External Lipping by Teak Wood Double Leaf		
537	All edges 30 mm thick & below	1 sqm	263.50
538	35 mm thick	1 sqm	293.80
539	38/40 mm thick	1 sqm	293.80
540	Bottom edges only	1 sqm	23.80
	Providing External Lipping by Hard Wood Single Leaf		
541	All edges 30 mm thick & below	1 sqm	83.90

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
542	35 mm thick	1 sqm	95.90
543	38/40 mm thick	1 sqm	95.90
544	Bottom edges only	1 sqm	19.20
	Providing External Lipping by Hard Wood Double Leaf		
545	All edges 30 mm thick & below	1 sqm	108.00
546	35 mm thick	1 sqm	119.90
547	38/40 mm thick	1 sqm	119.90
548	Bottom edges only	1 sqm	19.20
	Designers Doors by Teak wood		
549	Torina	1 sqm	401.50
550	Penta Torina	1 sqm	467.60
551	Arch Torina	1 sqm	401.50
	Designers Doors by Hard Wood		
552	Torina	1 sqm	179.80
553	Penta Torina	1 sqm	239.80
554	Arch Torina	1 sqm	179.80
555	Tanjore Art	1 sqm	677.20
	Kutty's New International Eleganza range Panel Doors OR EQUIVALENT with imported phenolic moulded fiber board panels		
	Kutty's Vishala Heavy Duty		
556	975 x 2035 x 30 mm thick	1 sqm	1775.50
557	920 x 2065 x 30 mm thick	1 sqm	1775.50
558	830 x 2065 x 30 mm thick	1 sqm	1775.50
559	680 x 2065 x 30 mm thick	1 sqm	1775.50
560	975 x 2035 x 35 mm thick	1 sqm	1831.70
561	920 x 2065 x 35 mm thick	1 sqm	1831.70
562	830 x 2065 x 35 mm thick	1 sqm	1831.70
563	680 x 2065 x 35 mm thick	1 sqm	1831.70
564	975 x 2035 x 38 mm thick	1 sqm	1882.40
565	920 x 2065 x 38 mm thick	1 sqm	1882.40
566	830 x 2065 x 38 mm thick	1 sqm	1882.40
567	680 x 2065 x 38 mm thick	1 sqm	1882.40
	Kutty's Vishala Light Duty		
568	975 x 2035 x 30 mm thick	1 sqm	1704.20
569	920 x 2065 x 30 mm thick	1 sqm	1704.20
570	830 x 2065 x 30 mm thick	1 sqm	1704.20
571	680 x 2065 x 30 mm thick	1 sqm	1704.20
572	975 x 2035 x 35 mm thick	1 sqm	1745.80
573	920 x 2065 x 35 mm thick	1 sqm	1745.80
574	830 x 2065 x 35 mm thick	1 sqm	1745.80

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
575	680 x 2065 x 35 mm thick	1 sqm	1745.80
576	975 x 2035 x 38 mm thick	1 sqm	1786.30
577	920 x 2065 x 38 mm thick	1 sqm	1786.30
578	830 x 2065 x 38 mm thick	1 sqm	1786.30
579	680 x 2065 x 38 mm thick	1 sqm	1786.30
	Kutty's Heera Heavy Duty		
580	920 x 2035 x 30 mm thick	1 sqm	1775.50
581	815 x 2035 x 30 mm thick	1 sqm	1775.50
582	660 x 2035 x 30 mm thick	1 sqm	1775.50
583	920 x 2035 x 35 mm thick	1 sqm	1831.70
584	815 x 2035 x 35 mm thick	1 sqm	1831.70
585	660 x 2035 x 35 mm thick	1 sqm	1831.70
586	920 x 2035 x 38 mm thick	1 sqm	1882.40
587	815 x 2035 x 38 mm thick	1 sqm	1882.40
588	660 x 2035 x 38 mm thick	1 sqm	1882.40
	Kutty's Heera Light Duty		
589	920 x 2035 x 30 mm thick	1 sqm	1704.20
590	815 x 2035 x 30 mm thick	1 sqm	1704.20
591	660 x 2035 x 30 mm thick	1 sqm	1704.20
592	920 x 2035 x 35 mm thick	1 sqm	1745.80
593	815 x 2035 x 35 mm thick	1 sqm	1745.80
594	660 x 2035 x 35 mm thick	1 sqm	1745.80
595	920 x 2035 x 38 mm thick	1 sqm	1786.30
596	815 x 2035 x 38 mm thick	1 sqm	1786.30
597	660 x 2035 x 38 mm thick	1 sqm	1786.30
	Kutty's Fantasy Heavy Duty		
598	815 x 2065 x 30 mm thick	1 sqm	1797.10
599	660 x 2065 x 30 mm thick	1 sqm	1797.10
600	815 x 2065 x 35 mm thick	1 sqm	1831.70
601	660 x 2065 x 35 mm thick	1 sqm	1831.70
602	815 x 2065 x 38 mm thick	1 sqm	1882.40
603	660 x 2065 x 38 mm thick	1 sqm	1882.40
	Kutty Fantasy Light duty		
604	815 x 2065 x 30 mm thick	1 sqm	1704.20
605	660 x 2065 x 30 mm thick	1 sqm	1704.20
606	815 x 2065 x 35 mm thick	1 sqm	1745.30
607	660 x 2065 x 35 mm thick	1 sqm	1745.30
608	815 x 2065 x 38 mm thick	1 sqm	1786.30
609	660 x 2065 x 38 mm thick	1 sqm	1786.30
	Kutty's Eleganza Heavy Duty		
610	815 x 2065 x 30 mm thick	1 sqm	1797.10
611	660 x 2065 x 30 mm thick	1 sqm	1797.10

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
612	815 x 2065 x 35 mm thick	1 sqm	1831.70
613	660 x 2065 x 35 mm thick	1 sqm	1831.70
614	815 x 2065 x 38 mm thick	1 sqm	1882.40
615	660 x 2065 x 38 mm thick	1 sqm	1882.40
	Kutty's Eleganza Light Duty		
616	815 x 2065 x 30 mm thick	1 sqm	1704.20
617	660 x 2065 x 30 mm thick	1 sqm	1704.20
618	815 x 2065 x 35 mm thick	1 sqm	1745.30
619	660 x 2065 x 35 mm thick	1 sqm	1745.30
620	815 x 2065 x 38 mm thick	1 sqm	1786.30
621	660 x 2065 x 38 mm thick	1 sqm	1786.30
	Kutty's Heleganza Golden Oak Heavy Duty		
622	850 x 2035 x 30 mm thick	1 sqm	1797.10
623	850 x 2035 x 35 mm thick	1 sqm	1831.70
624	850 x 2035 x 38 mm thick	1 sqm	1882.40
	Kutty's Heleganza Golden Oak Light Duty		
625	850 x 2035 x 30 mm thick	1 sqm	1704.20
626	850 x 2035 x 35 mm thick	1 sqm	1745.30
627	850 x 2035 x 38 mm thick	1 sqm	1786.30
	Providing external Lipping with teak wood.		
628	30/32 mm thick	1 sqm	221.40
629	35/38 mm thick	1 sqm	245.70
	Providing external Lipping with Hard wood.		
630	30/32 mm thick	1 sqm	95.60
631	35/38 mm thick	1 sqm	119.90
632	Ployurethane coating for extra water resistance for bath / toilet doors for each side.	1 sqm	89.60
	DOOR FRAMES		
633	ACCUCEL OR EQUIVALENT BATHROOM DOOR CHAUKHAT FRAME: Single Rebate size 60mmx 30mm		
	The Door Chaukhat Frame (Single Rebate) shall be made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 60mm width and 30mm thickness and shall be fixed to wall as per instructions of engineer in charge using 100 x 8 sheet metal CSK screws. Door frame should be waterproof, termite proof, elegant and should have excellent screw holding strength to fix hinges and hold doors properly for a long life for finished item of work including all taxes.	1 Rm	267.10

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
634	ACCUCEL OR EQUIVALENT PANEL DOOR SHUTTER: 750mm(W) x2100mm(L) x28mm (T)		
	The door shutter shall be made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 71mm width and 28mm thick as vertical and horizontal stiles, joints are made using solvent adhesive and GI 'C' sections (39mm x 19mm x 19mm x 0.6mm thick) or MS pipe (40mm x 20mm) stiffener frame insert and telescopic polymeric 'L' corners. The panel shall be filled with 3mm thick high-pressure compact laminate as per manufacturer's guidelines. Cover molding shall be provided for covering fixing screws and elegant look. Panel Door shutter should be waterproof, termite proof, elegant and should have excellent screw holding strength to fix hinges and hold doors properly for a long life. Normal hardware and fitting shall be fixed for finished item of work including all taxes.	1 sqm	2702.50
635	ACCUCEL OR EQUIVALENT OPENABLE WINDOW SHUTTER WITH DOUBLE REBATE CHAUKHAT FRAME (1600mm x 1600mm)		
	The Window Chaukhat Frame (Double Rebate) shall be made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 100mm width and 30mm thickness. Made of two sections joined together with solvent adhesive and GI 'C' section (25mm x 19mm x 0.6mm thick) stiffener insert. Press fit type 'Tee' section 25mm width and 19mm thick is fixed in the frame after fixing it to wall as per instructions of engineer in charge using 100x8 sheet metal CSK screws. The Open able Window shutter should made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 71mm width x 28mm thick as vertical and horizontal stiles. Joints are made using solvent adhesive and GI 'C' sections (39mm x 19mm x 19mm x 0.6mm thick) stiffener frame insert and telescopic polymeric 'L' corners. The 4mm thick glass panel shall be fixed using PVC foam profile beading (12mm x	1 Sqm.	5290.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	10mm) for finished item of work including all taxes.		
636	RAJSHRI OR EQUIVALENT SOLID DOOR FRAME		
	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work including all taxes.	1 Rm	275.80
637	RAJSHRI OR EQUIVALENT SOLID PANEL DOOR SHUTTER		
	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing for finished item of work including all taxes.	1 Sqm.	2004.50

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	DOOR FRAMES		
638	MS. Hallow door frames manufactured by cold roll formed process steel sheet 1.25mm thick bright CRCA conforming to IS 4351 - 1976 with Hinges tower Bolts etc.	1 Rm	184.10
	Flush door shutters, solid bond wood block board type with teak ply on both faces.		
639	25 mm thick	1 sqm	902.90
640	30 mm thick	1 sqm	933.10
641	35 mm thick	1 sqm	1004.40
	Flush door shutters, solid bond wood block board type with commercial ply on both faces.		
642	25 mm thick	1 sqm	459.00
643	30 mm thick	1 sqm	517.30
644	35 mm thick	1 sqm	567.00
645	40 mm thick	1 sqm	675.00
	Flush door shutters, solid bond wood block board type with teak venner on one face and commercla ply on another face (liping)		
646	20 mm thick	1 sqm	605.90
647	25 mm thick	1 sqm	675.00
648	30 mm thick	1 sqm	756.00
649	35 mm thick	1 sqm	810.00
650	40 mm thick	1 sqm	864.00
	Plain cement bonded particle boards conforming to IS 14276 truly exterior grade (Bison panel or equivalent)		
651	6 mm thick	1 sqm	165.10
652	8 mm thick	1 sqm	203.20
653	10 mm thick	1 sqm	238.80
654	12 mm thick	1 sqm	276.80
655	16 mm thick	1 sqm	369.50
656	20 mm thick	1 sqm	443.10
657	25 mm thick	1 sqm	535.80
658	30 mm thick	1 sqm	626.10
659	40 mm thick	1 sqm	811.40
	Prelaminated cement particle board truly exterior board one side laminated (Bison Lam or equivalent)		
660	6 mm thick	1 sqm	400.70
661	8 mm thick	1 sqm	423.40
662	10 mm thick	1 sqm	446.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
663	12 mm thick	1 sqm	468.70
664	16 mm thick	1 sqm	521.60
	Prelaminated cement particle board truly exterior board both side laminated (Bison Lam or equivalent)		
665	6 mm thick	1 sqm	490.60
666	8 mm thick	1 sqm	515.60
667	10 mm thick	1 sqm	540.50
668	12 mm thick	1 sqm	565.50
669	16 mm thick	1 sqm	623.70
	E-BOARD MULTI PURPOSE CEMENT BOARDS (HIGH PRESSURED STEAM CURED)		
670	4 mm thick	1 Sqm.	112.00
671	6 mm thick	1 Sqm.	170.00
672	8 mm thick	1 Sqm.	220.90
673	10 mm thick	1 Sqm.	247.00
674	12 mm thick	1 Sqm.	299.00
675	14 mm thick	1 Sqm.	320.10
676	16 mm thick	1 Sqm.	374.00
677	18 mm thick	1 Sqm.	400.10
678	20 mm thick	1 Sqm.	454.90
	E-BOARD CLASSIC		
679	4 mm thick	1 Sqm.	186.90
680	6 mm thick	1 Sqm.	280.00
	E-BOARD PEARL		
681	4 mm of size 595mm X 595mm	1 Sqm.	216.00
	MULTIPURPOSE CEMENT BOARDS FALSE CEILING WITH EXPOSED METAL E-GRID IS 14862 : 2000		
	Supply and fixing of E-Board (High Pressured Steam Cured) multipurpose fibre cement board manufactured as per IS 14862 : 2000, to be fixed in E-Grid, GI suspended ceiling grid system of size 600 mm x 600 mm with, main runner 39 x 24.7 mm, cross T 29 x 24.7 mm and wall angle 22.2 x 22.2 mm the grid is suspended from the truss with GI wire and necessary hardware		
682	Using 6 mm thick E-board	1 Sqm	630.00
683	Using 8 mm thick E-board	1 Sqm	693.00
684	Using 4 mm thick E-board classic*	1 Sqm	651.00
685	Using 6 mm thick E-board Classic*	1 Sqm	760.20
686	Using 4 mm thick E-board Pearl	1 Sqm	672.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	WALL PANELLING		
	Supply and fixing of E-board wall paneling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer.		
687	With 8 mm E-board	1 Sqm.	836.90
688	With 6 mm E-board Classic	1 Sqm.	903.00
	DOUBLE SKIN PARTITION		
689	Supply and fixing double skin E-board partition with Frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the E-board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving 3 mm gap between two panels of width 2'-0" (610 mm). The gap will be covered with decorative molding surface will be given a smooth finish over cement primer. The rate is inclusive of cost and conveyance of all materials and labour charges etc. complete.	1 Sqm.	1287.30
	DOOR		
690	Supply and fixing of E-board door shutter with alround style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick E-board with necessary screws fixed at 1'-0" interval 250 mm long aldrops 2 Nos. M.S. nickel coated 250 mm long 1 No. M.S. Tower bolts including cost and conveyance of all materials at site and applying 1 coat of primar, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm.	1102.50

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	DOOR WITH CRCA FRAME		
691	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. E-board shutter with alround `U` lipping of size 15 X 18 X 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick E-board with necessary screws fixed at every 1'-0" interval 250 mm long aldrops 2 Nos. MS Nickel coated 250 mm long 1 No. MS tower bolt including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm.	1680.00
	Cup Boards Shutters using Cement Bonded Particle Board (Bison Panel or Equivalent)		
692	Supply and fixing of cup board shutters and frames using 16mm thick Cement Bonded Particle Board (Bison Panel or Equivalent) duly painted both sides with one coat of primer and two coats of synthetic / enamel paint of approved shade and brand including fixing of hardware like M.S. powder coated Piano hinges of size 18mm x 18mm, brass ball catches, Aluminum tower bolts and handles , Godrej locks, Fevicol, screws and nails including cost and conveyance of all materials, labour charges, all incidental and operational charges etc., complete for finished item of work at site as per the directions of Engineer in Charge.	1 sqm	1395.90
	False Ceiling using Cement Bonded Particle Board (Bison Panel or Equivalent)		
693	Supply and fixing of false ceiling with galvanized and pre painted steel T section of size 24mm x 38mm x 0.4mm for main T duty pre punched to accept cross T section of size 24mm x 30mm x 0.4mm duly punched at both ends for insertion into main T. The grid size will be 610mm x 610mm. The frame work (grid) is suspended to the roof by using G.I flat of 0.60mm or 14-gauge G.I wire with necessary fixers to the roof and frame work. 8mm thick Cement Bonded Particle Board lay on the grid. The cost inclusive of necessary hardware, labour, one coat of primer (Both side) and two coats of smooth finish on visible side.	1Sqm	689.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	WALL PANELING WITH CEMENT BONDED PARTICLE BOARD (BISON PANEL OR EQUIVALENT)		
694	Supply and fixing bison panel wall paneling (water proof) with frame work made of GI stud section of size 48mm x 35mm x 0.55mm thick placed at every 610 mm C/C intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. 10 mm thick cement bonded particle board (Bison panel or Equivalent) is to be fixed to frame by means of self tapping screws placed at every 300 mm intervals leaving 3mm gap between two panels. The cost inclusive of one coat of Altek primer and two coats of Altek smooth finish and cost & conveyance of all materials, labour charges etc. complete as per the direction of Engineer in charge.	1 Sqm	1104.80
	DOUBLE SKIN PARTITION WITH CEMENT BONDED PARTICLE BOARD (BISON PANEL OR EQUIVALENT)		
695	Supply and fixing double skin partition made out of G.I. track section of size 50mmx 35mm x 0.55 mm for fixing to the roof and floor and stud section of size 48mm x 35mmx 0.55mm placed in track section vertically at 610mm intervals and at 1200mm intervals horizontally fixed to the wall by means of self expansion screws and caps to the wall and roof. 10mm thick Cement bonded particle board (BISON PANEL OR EQUIVALENT) is to be fixed both sides of frame work by using self tapping screws fixed at every 300mm intervals to the frame work leaving 3 mm gap between two panels. The cost inclusive with one coat of Altek primer and two coats of Altek smooth finish and cost and conveyance of all materials to site, labour charges etc., complete as per the direction of Engineer in charge.	1 Sqm	1770.10
	SINGLE SHUTTER WITH CEMENT BONDED PARTICLE BOARD (BISON PANEL OR EQUIVALENT)		

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
696	Supply and fixing cement bonded particle board shutter with alround "U" section of size 12mmx18mm x12mm made from 0.6 mm thick galvanized, color quoted cold rolled steel profiles 16 mm thick panel with necessary screws fixed at every 304.8 mm intervals. The cost inclusive of MS Nickel coated Aldrops of size 255 mm long 2 Nos., 200 mm long tower bolts 1 No., 125 mm handles 2 Nos. 300 mm long "T" hing cost and conveyance of all materials at site and applying 1 coat primer, 1 coat of luppum and 2 coats of synthetic enamel paint as per approved design for finished itme of work.	1 Sqm	1306.80
	Doors Frames (Colour Coated Steel Sections) & Shutter using Cement Bonded Particle Board (Bison Panel or Equivalent)		
697	Providing and fixing of door frame made from cold roll formed sections made of galvanized (Base steel as per IS277 with zinc of 120 Gms/sq.mtr) colour coated steel sections with total coated thickness of 1mm, primer coated with epoxy primer coat of 5-7 microns thick, finish paint with polyester paint of 12-16 microns. The Section for door frame is to be filled with polyurethane (P.U) form of 40kg/m ³ . Overall size of frame section should be of 50mm x 50mm. With necessary corner brackets, stiffeners, hinges, and screws. Cement Bonded particle board shutter (Bison Panel or Equivalent) "Single Leaf" with all round styles "U" section of size 12m x 18m x 12mm made from 0.6 mm thick galvanized, colour coated cold rolled steel profiles with 16mm thick Cement Bonded particle Board (Bison Panel or Equivalent) with necessary screws fixed at every 1'-0" (304.8mm) intervals. The cost inclusive of MS nickel coated Aldorp of size 250mm long 2nos. 200mm long tower bolt 1no., 125mm handles 2nos., cost and conveyance of all materials at site and applying one coat primer, one coat of luppum and two coats of synthetic enamel paint as per approved design for finished item of work	1 Sqm	2079.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Box Type Cup Board using Cement Bonded Particle Board (Bison Panel or Equivalent) & Shutter using Pre-Laminated Cement Bonded Particle Board (Bison Lam or Equivalent)		
698	Supply and fixing of box type cup board using 20mm thick Cement Bonded Particle Board (Bison Panel or Equivalent) for making frame of size 100mm x 35mm using two sandwiched 16mm boards, one plain board and one Pre-Laminated cement bonded particle board with plain 35mm wood lipping. The Shutters are made of 16m thick Pre-Laminated Cement Bonded Particle Board (Bison Lam or Equivalent) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size $\frac{3}{4}$ " x $\frac{3}{4}$ " , Aluminum powder coated handles of size 4" (101.6mm), Aluminum tower bolt 4" (101.6mm) Godrej locks, screws, wood lipping and Fevicol etc., complete finish item of work.	1 Sqm	2970.00
	Door Shutter with Cement Bonded Particle Board (Bison Lam or Equivalent)		
699	Supply and fixing of door shutter made out of PVC Hollow extruded section having dimensions of 47mm x 26mm with wall thickness of 1.5mm with necessary tapering to house Bison Lam thickness of 12mm. All the four corners are jointed with PVC 'L' brackets of size 4" x 8" (101.6 x 203.2mm) and the PVC lipping is filled with well-seasoned country wood to hold hinges. The hardware consists of 250mm long aldrop – 2 Nos. 250mm Handle- 1 No. (all are of Aluminum). The cost is inclusive of all incidental, labour transportation charges.	1 Sqm	1362.90
	Double Skin Partition with Pre Laminated Cement Bonded Particle Board (Bison Lam or Equivalent)		
700	Supply and fixing double skin partition made out of G.I track section of size 50 mm x 35mm x 0.55mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm internals horizontally. The frame is fixed by means of self expansion screws and caps to the wall / roof. 12mm thick Pre Laminated Cement bonded particle board (Bison Lam or equivalent) is to be fixed both sides of	1 Sqm	1802.90

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	the frame work by using 2mm thick electro plated CR flat section leaving 3mm gap between two panels. The cost inclusive of cost and conveyance of all materials to sites, other materials incidentals and labour charges as per the direction of Engineer in charges.		
	Wall Paneling with Pre Laminated Cement Bonded Particle Board (Bison Lam or equivalent)		
701	Supply and fixing of wall paneling with frame work made of G.I stud section of size 48mm x 35mm x 0.55mm thick placed at every 610mm intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. 12mm thick pre laminated Cement bonded particle board (Bison Lam or equivalent) is to be fixed to frame by means of self-taping screws placed at every 300mm intervals leaving 3mm gap between two panels. The cost inclusive of Conveyance of materials, Labour charges etc., complete as per the direction of Engineer in charge.	1 Sqm	1452.00
	Aluminum Partition with Pre Laminated Cement Bonded Particle Board (Bison Lam or Equivalent)		
702	Supply and fixing in position aluminum glazed partitions using 5.50 mm thick plain glass to full height using with pre laminated cement bonded particle board (Bison Lam or equivalent) of 10mm thick to a height of 0.91 metre at bottom panel and remaining height with glass and aluminum sections anodized to 12 to 15 microns and of sections of size 37mm x 62mm and 1.5mm thickness with one metre centre to centre duly fixed with clip beading on both sides including fixing the frame to pillars by M.S. flats, bolts and nuts including cost and conveyance of all materials etc., complete as directed during execution.	1 Sqm	2230.90
	SINTEX OR EQUIVALENT DOOR (SINGLE PANEL)		
703	Supply and fixing Sintex or equivalent doors are made out of PVC section and panels. The overall dimension of the same is 33mm X 47mm with usual process variation and having a wall thickness of 1.5mm with a variation of ± 0.3 mm. The infill is seamless hallow multi chambered PVC single panel having an effective	Sqm.	2018.30

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	dimension of 762mm X 20mm having a wall thickness of 1mm \pm 0.3mm including all taxes complete, for finished item of work.		
704	Supply and fixing PVC door frames made from extruded sections in overall dimensions of 40 X 48mm having a wall thickness of 1.5mm with usual process variation of \pm 0.3mm, including all taxes complete, for finished item of work.	Sqm.	188.80
	SINTEX OR EQUIVALENT OPENABLE WINDOW		
705	Supply and fixing of Sintex window shall be made out of extruded PVC section. The outer frame having overall dimensions of 40 X 48mm with a wall thickness of 1.5mm with usual process variation of \pm 0.3mm. The shutter frame having with overall dimensions of 26 X 47mm with wall thickness of 1.2mm \pm 0.3mm provided with 5mm glazing. The centre mullion having over all dimensions of 25 X 32.5mm \pm 0.3mm, including all taxes complete, for finished item of work.	Sqm.	3008.20
	SINTEX OR EQUIVALENT SLIDING 2 TRACK WINDOWS		
706	Supply and fixing of two track or three track sliding window the outer frame shall be 58 X 45mm with a wall thickness of 1.2mm \pm 0.3mm. The sliding shutter frame is made of PVC section 57 X 32mm with overall dimensions of 1.5mm \pm 0.3mm provided with 5mm glazing. Roller bearings and arrestor type handle cum lock shall be provided, including all taxes complete, for finished item of work.	Sqm.	2608.20
	SINTEX OR EQUIVALENT FALSE CEILING		
707	Supply and fixing of PVC false ceiling on MS/GI made skeleton framework. The frame shall be 24 X 48mm MS tube section fixed along with the wall. The entire frame work shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm \pm 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, including all taxes complete, for finished item of work.	Sqm.	1335.20
	SINTEX OR EQUIVALENT WALL PANELLING		
708	Supply and fixing of wall panelling on the framework of wooded rippers of 24 X 24mm of	Sqm.	1273.10

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm \pm 0.3mm. The panels are joined with tongue and groove system. Necessary cutouts for electrical connections to be provided at required places, including all taxes complete, for finished item of work.		
	SINTEX OR EQUIVALENT PVC CABINETS		
709	Supply and fixing of PVC cupboards for kitchen and bedrooms shall be made out of multi chambered PVC sections having overall dimensions of 20 X 762mm with a wall thickness of 1.2mm \pm 0.3mm. The cabinets shall be made as per the requirements of the room with groove system. The PVC section surface shall be plain and laminated finish to have good look, including all taxes complete, for finished item of work.	Sqm.	3682.50
	SINTEX OR EQUIVALENT SMC SIGN BOARDS		
	Supply of hot pressed compression moulded SMC sign plates for making road signs as per the approved dimensions of National Highway Authority Of India, including all taxes complete, for finished item of work.		
710	Circular sign plate Dia 400mm.	Each.	506.20
711	Circular sign plate Dia 600mm.	Each.	1330.20
712	Circular sign plate Dia 870mm	Each.	2665.20
713	Triangular sign plate 600mm.	Each.	682.80
714	Triangular sign plate 900mm.	Each.	1542.10
715	Square sign plate 600mm.	Each.	1236.10
716	Square sign plate 1000mm.	Each.	4591.10
	SINTEX OR EQUIVALENT PVC PARTITION		
717	Supply and fixing of PVC Double Skin Partition. The entire framework shall be carried out by mild steel section having overall dimensions of 24 X 48mm with a wall thickness of 1.2mm. The entire framework shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm \pm 0.3mm both sides. Glass provision/Door provision can be provided along the partition wherever required. Partitions can be made full or half as per requirement, including all taxes complete, for finished item of work.	Sqm.	2219.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	SINTEX OR EQUIVALENT WATER STORAGE TANKS		
718	Supply of Sintex or equivalent Polyethylene water storage tank double layer conforming to ISI 12701/96 mark with lid including all taxes.	Ltr.	6.50
	PVC DOOR SHUTTER (Nandi or Equivalent)		
719	Supply and fixing of door shutters made of rigid PVC extruded hollow section(Nandi or equivalent) of 20mm X 200 mm with the wall thickness of 1.0mm +/- 0.1mm equally divided into 4 no's with tongue and groove locking arrangements.The shutter frame is made of 58 X 24 mm with the wall thickness of 1.5mm +/- 0.15mm section metri-cut and joined at 4 corners with 125mm X 225mm plastic brackets.The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter.	Sqmt.	1235.80
720	Supply and fixing of door shutters made of rigid PVC extruded hollow section(Nandi or equivalent) of 20mm X 200 mm with the wall thickness of 1.0mm +/- 0.1mm equally divided into 4 no's with tongue and groove locking arrangements.The shutter frame is made of 30mm X 79mm with the wall thickness of 1.5mm +/-0.15mm section metri-cut and joined at 4 corners with 125mm X 225mm plastic brackets.The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods.Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed onto the door shutter.	Sqmt.	1411.60
	PVC DOOR FRAME (Nandi or Equivalent)		
721	Supply and fixing of door frame made of hollow extruded PVC section(Nandi or equivalent) having dimensions of 40 X 57mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metri-cut/weilded.	1 RM	169.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
722	Supply and fixing of door frame made of hollow extruded PVC section(Nandi or equivalent) having dimensions of 40 X 46 mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metri cut/weilded	1 RM	147.20
	PRE- PAINTED STEEL, WINDOWS, VENTILATORS & DOOR FRAMES.		
	Supply and fixing of windows & top Hung and fixed louvered ventilators made of pre - painted steel (base steel as per IS 513 of -0.6 mm thick 'D' quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microsn thick alkyd backer. Section for outer frame should be 46 x 52 mm section for shutter should be 46 x 46 mm section for mullion should be 46 x 70 mm, and section for beading should be 18 x 25 mm and section for louvered ventilation should be 33 x57mm Box section. The windows should be panelled with 5mm thick plain float glass & 4 mm pinhead glass for ventilators with Ethy propylene Diamine monomer Gasket(EPDM). The sections are to be cut to length mitre joined with corner bracket centre mullions are to be fixed using mullilon cap. Handle made of high grade aluminium powder coated and nylon receiver. Gaskets made of Ethyl propylene Diamine monomer(EPDM). Corner brackets made of		
	CRCA with Zinc Phasphating. Mullion caps made of glass linked nylon. The above frames should be fixed to the concrete /masonry wall by means of self expanding screws. including 10 mm square guard bars with 6" pitch and all taxes, complete for finished item of work.		
	Windows		
723	Single shutter 2'0 x 4'0 (609.6 x 1219.2 mm) Outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 sqm	3368.30

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
724	Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame sectionsize of 46 x 52 mm shuter frame section size of 46 x 46 mm	1 Sqm	3368.30
725	Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame sectionsize of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	3569.50
726	Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	3368.30
727	Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	3569.50
728	Double shutter 4'-6" x 4'-6" (1371.6x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	3182.10
729	Centre fixed both side openable shutter 5'-0" x 4'-0" (1524x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	3182.10
730	Centre fixed both side openable shutter 6'-0" x 4'-0" (1828.8x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	3182.10
731	Centre fixed both side openable shutter 6'-0" x 4'-6" (1828.8x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	3182.10
	Ventilators :		
732	Top Hung 2'-0" x 2'-0" (609.6x609.6mm) outer frame section size of 46mm x 52 mm shutter frame section size of 46mm x 46 mm	1 Sqm	3690.00
733	Top Hung 4'-0" x 2'-0" (1219.2x609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	3690.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
734	Top Hung 4'-0" x 3'-0" (1219.2x914.4mm) outer frame section size of 46 x 52mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	3690.00
735	Fixed louvers 2'-0" x 2'-0" (609.6x609.6mm)(Box section) outer frame section size of 33 x 57 mm	1 Sqm	2526.20
736	Fixed louvers 4'-0" x 2'-0" (1219.2x609.6mm)(Box section) outer frame section size of 33 x 57 mm Mullion section size of 33 x 57	1 Sqm	2526.20
737	Fixed louvers 4'-0" x 3'-0" (1219.2x914.4mm)(Box section) outer frame section size of 33 x 57 mm Mullion section size of 33 x 57	1 Sqm	2526.20
	NCL or Equivalent ECO 3000 SERIES WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL PROVISION)		
	Providing and Fixing of windows made of pre-painted steel (Base steel as per IS 513 of 0.6mm thick galvanized as per IS 277 with Zinc of 150 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 48x50mm, center mullion should be of 48x50mm, section for shutter should be of 47x20mm and Fixed glass beading section should be of 12x12mm. Outer frame and mullions to have rebate for Glazed shutter and a 20mm provision for Guard bars/Grills. The sections are to be cut to length metre joined with corner bracket. Centre mullion is to be fixed with mullion cap. Seccolor Handle, 8" stay made of Aluminium, 2 nos. of Stainless Steel heavy duty Pivot hinges shall be provided per shutter. The windows should be paneled with 5mm thick plain float glass. Rubber Gaskets are provided all around the glass. The above frames should be fixed to the concrete/masonry wall by means of		
	self expanding screws, Including 10mm Square guard bars with 6" (152.4mm) pitch and all Taxes, etc., complete for finished item of work.		
738	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of	1 Sqm	3101.30

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	48x50mm shutter frame section size of 47x20mm.		
739	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm. Mullion section size of 48x50mm.	1 Sqm	3302.50
740	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm and mullion section should be of 48x50mm.	1 Sqm	3302.50
741	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	2913.80
742	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	2913.80
	NCL or Equivalent ECO 4000 SERIES WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL & FLYMESH PROVISION)		
	Providing & Fixing of windows made of pre-painted steel (Base Steel as per IS 513 of 0.6mm thick galvanized as per IS 277 with zinc of 150 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer. Section for outer frame should be of 72x50mm, center mullion should be of 72x50mm, Section for fixed glass beading section should be of 12x12mm and section for shutters should be of 47x20mm. Outer frame & mullion sections to have rebate for glazed shutters, flymesh and a 20mm provision for guard bars/grills. Flymesh shutter section should be of 20x40mm. The sections are to be cut to length metre joined with corner bracket. Centre mullions are to be fixed with mullion cap. Telescopic Stay, 'D' type handle, 2		

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	nos' of 3" Tower Bolt made of Aluminium. 2 Nos of heavy duty stainless steel pivot hinges shall be provided per Shutter. The windows should be paneled with 5mm thick plain float glass and S.S. Mesh for flymesh shutter(304 grade). Rubber Gaskets are provided all around the glass.		
	The above frames should be fixed to the concrete/masonry wall by means of self expanding screws. Including 10mm Square guard bars with 6" (152.4mm) pitch and all Taxes, complete for finished item of work		
743	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 47x20mm.	1 Sqm	4117.20
744	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm. Mullion section size of 72x50mm.	1 Sqm	4318.50
745	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm and mullion section should be of 72x50mm.	1 Sqm	4318.50
746	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x 1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 47x20mm. Mullion section size of 72x50mm. Fixed beading section size of 12x12mm.	1 Sqm	3930.90
747	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x 1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 47x20mm. Mullion section size of 72x50mm. Fixed beading section size of 12x12mm.	1 Sqm	3930.90
	Flymesh Shutters		
	Supply & fixing of Flymesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) flymesh including cost and conveyance of all materials, all taxes and labour charges etc. complete for finished item of work.		
748	Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	775.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
749	Double shutter 3'-0" x 4'-0" (914.4x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	775.00
750	Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	775.00
	Supply & fixing of Flymesh shutters of size 20 x 40 mm fly proof mesh with Netlon flymesh inclding cost and conveyance of all materials, all taxes and labour charges etc. complete for finished item of work.		
751	Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	668.20
752	Double shutter 3'-0" x 4'-0" (914.4x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	668.20
753	Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	668.20
	Door frames		
	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. including all taxes complete for finished item of work.		
754	Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 60 mm	1RM	161.60
755	Double shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 60 mm	1 RM	161.60
	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. including all taxes complete for finished item of work.		
756	Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	184.10
757	Single shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	184.10

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	SPECIFICATION OF HARDWYN OR EQUIVALENT DOOR CLOSER ISI MARKED		
758	Providing and fixing IS:3564 marked Aluminium Die cast body tubular type universal hydraulic door closer, Hardwyn make (Classic Queen) with necessary accessories and screws etc complete	Each	453.60
759	Providing and fixing IS:3564 marked Aluminium Extruded Section body tubular type universal hydraulic door closer with double speed adjustment, Hardwyn make (Mytel) with necessary accessories and screws etc complete	Each	604.80
760	Providing and fixing IS:3564 marked Aluminium Extruded Section body tubular type universal hydraulic door closer with double speed adjustment, Hardwyn make (Eddy) with necessary accessories and screws etc complete	Each	712.80
761	Providing and fixing IS:3564 marked Aluminium Extruded Section body tubular type universal hydraulic door closer with double speed adjustment, Hardwyn make (Gazel) with necessary accessories and screws etc complete	Each	745.20
	SPECIFICATION OF HARDWYN OR EQUIVALENT FLOOR SPRING ISI MARKED		
762	Providing and fixing double action hydraulic floor spring of approved brand manufacture IS : 6315 marked, Hardwyn make (U-32) for doors including cost of cutting floors as required, embedding in floors and S.S cover plates with Aluminum Pivot and single piece M.S. Sheet outer box with slide plate etc. complete (Weight Capacity upto 130 Kgs)	Each	1803.60
763	Providing and fixing double action hydraulic floor spring of approved brand manufacture IS : 6315 marked, Hardwyn make (U-32) for doors including cost of cutting floors as required, embedding in floors and Brass cover plates with Aluminum Pivot and single piece M.S. Sheet outer box with slide plate etc. complete (Weight Capacity upto 130 Kgs)	Each	1911.60
764	Providing and fixing double action hydraulic floor spring of approved brand manufacture Hardwyn make (U-88) for doors including cost of cutting floors as required, embedding in floors and S.S cover plates with Aluminum Pivot and single piece M.S. Sheet outer box with slide plate etc. complete (Weight Capacity upto 80 Kgs)	Each	1350.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
765	Providing and fixing double action hydraulic floor spring of approved brand manufacture Hardwyn make (U-88) for doors including cost of cutting floors as required, embedding in floors and Brass cover plates with Aluminum Pivot and single piece M.S. Sheet outer box with slide plate etc. complete (Weight Capacity upto 80 Kgs)	Each	1458.00
	Curtain Glazing NCL		
	Supply and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.6 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12- 16 microns thick and back coated with 5-7 microns thick alkyad backer. Section for outer frame should be 46 x 52 mm , section for mullion should be 46 x 70 mm and section for beading should be 18 x 25 mm. The Glazing should be panelled with 5 mm thick plain float Glass with Ethyl Propylene diameine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket. Cnetre mullions are to be fixed suing mullion cap. Handle made of high grade alluminium powder coated and nylon receiver. Gaskets made of Ethyl propylene Diamine Monomer (EPDM) Corner brackets made of CRCA with zinc phosphating. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete / masonry wall be means of self expanding screws. Including all taxes & complete for finished item of work.		
766	Fixed Glazing 2'-0" x 2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm	1 Sqm	3114.90
	Mullion section size of 46 x 70mm		
	Beading section size of 18 x 25 mm		
767	Fixed Glazing 2'-0" x 3'-0" (609.6x914.4mm) grid outer frame section size of 46 x 52 mm	1 sqm	3114.90
	Mullion section size of 46 x 70 mm		
	Beading section size of 18 x 25 mm		
768	Fixed Glazing 3'-0" x 3'-0" (914.4x914.4mm) grid outer frame section size of 46 x 52 mm	1 sqm	2660.40
	Mullion section size of 46 x 70 mm		
	Beading section size of 18 x 25 mm		

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
769	Fixed Glazing 3'-0" x 4'-0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 sqm	2660.40
	Mullion section size of 46 x 70 mm		
	Beading section size of 18 x 25 mm		
	ALLUMINIUM DOORS AND WINDOWS		
770	Supplying alluminium Door frames with rectangular box hollw section (including annodisation cost)	1 Kg	190.10
771	Supplying alluminium annodised openable sliding window, Ventgilator (including annodisation cost)	1 Kg	190.10
772	A.C sheet Corrugated 6 mm thick	1 sqm	102.60
773	A.C sheet plain 4 m thick	1 sqm	95.00
774	A.C sheet plain 6 m thick	1 sqm	97.20
775	Sun Control film to the glazed windows partition including labour charges.	1 sqm	259.20
776	Alluminium Venetian blinds horizontal 25.4 mm wide with all accessories.	1 sqm	661.10
777	Venetian blinds Verticle 100 mm wide with all accessories.	1 sqm	1069.20
778	S & F of marblex flooring with 2.0 mm thick in rolls.	1 sqm	351.00
779	S&F Vinyl Flooring with tiles 1.5 mm thick in rolls	1 sqm	351.00
	RATES OF WORKS		
	A. DISMANTLING		
	Dismantling clearing away and carefully stacking materials useful for reuse.		
780	Brick or stone masonry in clay upto 3 M height	1 Cum	56.70
781	Brick or stone masonry in clay over 3 M height	1 Cum	68.00
782	Brick or stone masonry in lime motar or brick masonry in cement mortar upto 3 M height	1 Cum	96.40
783	Brick in lime mortar wall up to 3 M height	1 Cum	56.70
784	Brick or stone masonry in lime motar or brick masonry in cement mortar over 3 M height	1 Cum	96.40
785	Brick in lime mortar wall up to 3 M height	1 Cum	56.70
786	Stone masonry in cement mortar upto 3 M height	1 Cum	136.10
787	Stone masonry in cement mortar over 3 M height	1 Cum	164.40
788	Terracing work in roofs or floors	10 Sqm	68.00
789	Flat stones in roof or floors incluidng lifting	10 Sqm	56.70
790	pan tiled or mangalore tiled roof without roof timbers.	10 Sqm	51.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
791	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	56.70
792	Old thatched roofing including tying materials into small bundles for reuse.	10 Sqm	17.00
793	Wrought and framed timber in roofs or floors	1 Cum	85.10
794	Doors and windows including removal of frame, hinges and fastening.	1 sqm	28.40
795	Old lime mortar plaster	10 Sqm	17.00
796	Old cement mortar plaster	10 Sqm	20.40
797	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	27.20
798	Revetment for aprons and stacking grouted within 40 lead	1 Cum	20.40
799	Lime concrete	1 Cum	90.70
800	Surki or cement concrete	1 Cum	141.80
801	Cuddapah slabs or shahabad stone slabs flooring on sand bed	10 Sqm	28.40
802	reinforced cement concrete	1 Cum	833.50
803	Through scraping of old plastered surface	10 Sqm	17.00
804	Washing of plastered surface with soap, soda and water (or with soda lime lumpy and water)	10 Sqm	5.70
805	clean removal of lime plaster from walls and raking out joints 20mm deep or from terraced roof and raking out joints 100 mm deep	10 Sqm	18.20
806	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	19.30
	Bailing out water for earth work excavation /concrete for foundation below water level.(For building items only)		
	a) other than sandy soil		
807	0.0 M to 1.0 M	1 cum	75.30
808	1.0 M to 2.0 M	1 cum	89.50
809	2.0 M to 3.0 M	1 cum	104.70
	b) Sandy soil		
810	0.0 M to 1.0 M	1 cum	120.10
811	1.0 M to 2.0 M	1 cum	186.00
812	2.0 M to 3.0 M	1 cum	224.90
	(E) CONCRETE		
813	a) Supply and placing of the ready (design) standard mix concrete M 20 grade from standard suppliers approved by the Department including cost and conveyance, pumping upto 5 floors and curing etc., complete for finished item of work.	1 Cum	2900.00

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
814	For each additional floor for M 20 grade concrete	1 Cum	34.00
815	a) Supply and placing of the ready (design) standard mix concrete M 25 grade from standard suppliers approved by the Department including cost and conveyance, pumping upto 5 floors and curing etc., complete for finished item of work.	1 Cum.	2975.00
816	For each additional floor for M 25 grade concrete	1 Cum	34.00
	(F) labour charges for wrought and put up including fixing in position frames, shutters for doors, windows, ventilators etc.		
817	Fully panelled doors external or internal	1 Sqm	374.20
818	Glazed and panelled doors	1 Sqm	360.60
819	Framed and planked doors	1 Sqm	352.70
820	Ledged, braced and planked doors	1 Sqm	302.80
821	Windows glazed	1 Sqm	360.60
822	Windows panelled	1 Sqm	475.10
823	Windows ledged, braced and planked	1 Sqm	302.80
824	Windows framed and planked	1 Sqm	288.00
825	Ventilators glazed, fixed with double frame with wire netting.	1 Sqm	360.60
826	Swing ventilators glazed	1 Sqm	388.90
827	Weldmesh doors and windows	1 Sqm	302.80
828	G.I or .AC sheet door & windows	1 Sqm	151.90
	(G) MISCELLANEOUS ITEMS		
829	Preparing gabions with jungle wood	Each	2.70
830	Planting plants	Each	2.00
831	Pruning plants	Each	2.00
832	Maintaining avenues including fencing, weeding, milching, watering etc per plant.	Each	4.70
833	- do - When scattered in hot weather with extra conveyance from March to June	Each	5.50
834	Hoisting or lowering of slab	1 cum	76.00
835	Dressing faces of granite stone (double line dressing)	1 Sqm	125.90
836	Dressing faces of other than granite stone(double line dressing)	1 Sqm	78.20
	Expansion Joint fillers		
	SUPPLY OF HIGH PERFORMANCE EXPANSION		
	JOINT FILLER BOARD. CONFIRMING TO M.O.S.T		
	(FOR ROADS&BUILDINGS)		

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	"SILFLEX" CAPCELL HD-100		
837	A. 18MM THICK	1 Sqm	540.00
838	B. 20MM THICK	1 Sqm	604.80
839	C. 25MM THICK	1 Sqm	756.00
	SUPPLY OF EXPANSION JOINT FILLER BOARD		
	FOR BUILDINGS, COLUMNS, BEAMS AND		
	SLABS		
	"ARMOUR BOARD" SILFILL		
840	A. 20MM THICK	1 Sqm	216.00
841	B. 25MM THICK	1 Sqm	270.00
842	C. 50MM THICK	1 Sqm	540.00
	SUPPLY OF BACK UP TO COLD APPLIED SEALANT IN CONSTRUCTION AND		
	LONGITUDINAL JOINT		
	"BACK UP ROAD" SILSEAL		
843	A. 10MM OD	1 RM	8.60
844	B. 12MM OD	1 RM	10.40
845	C. 15MM OD	1 RM	13.00
846	D. 20MM OD	1 RM	17.30
847	E. 25MM OD	1 RM	21.60
	(H) SCAFFOLDING		
848	For superstructure in first floor over the rate of foundation and basement	1 cum	32.90
849	For second floor over the rate of first floor superstructure	1 cum	39.70
850	For third floor over the rate of IInd floor superstructure	1 cum	53.30
851	For each additional floor over third floor	1 cum	23.80
	Scaffolding for plastering of walls and ceiling or painting of roof timber or walls, where height is more than 3 M		
852	1st and 2nd floor	10 Sqm	36.30
853	2nd and 3rd floor	10 Sqm	72.60
854	3rd and 4th floor	10 Sqm	108.90
855	Extra for every additional floor over 4th floor	10 Sqm	26.00
	Centering charges		
856	Centering charges for all RCC roof slabs upto 150 mm depth and upto 3.66 M of floor height	10 Sqm.	851.50
857	Centering charges for all RCC roof slabs upto 150 mm depth & more than 3.66 M of floor height. Add for each additional meter height or part there of over the rate as in item above.	10 Sqm	233.30
858	Centering charges for all RCC roof slabs above	10 Sqm	1264.40

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	150 mm upto 300mm depth and upto 3.66 M of floor height		
859	Centering charges for all RCC roof slabs above 150 mm and upto 300mm depth & more than 3.66 M of floor height. Add for each additional meter height or part there of over the rate as in item above.	10 Sqm	345.30
	Centering charges for all R.C.C. roof slabs projection upto 1.2M only, at higher level without having such slab projections at lower levels.		
860	At 2 nd floor level	10 Sqm	780.30
861	At 3 rd floor level	10 Sqm	815.30
862	At 4 th floor level	10 Sqm	851.50
863	Centering charges for all RCC waffle slabs including ribs etc., (Plain area) upto 3.66 M of floor height.	10 Sqm	1299.30
864	Centering charges for all RCC waffle slabs including ribs etc., (plain area) and more than 3.66 M of floor height. Add for each additional metre height or part there of over the rate as in item above.	10 Sqm	354.60
865	Centering charges for all R.c.C. helical stair cases	10 Sqm	1386.80
866	Centering charges for RCM facia/ railing 50 to 75 mm thickness	1 Sqm	49.00
867	Centering charges for sunshade 0.6M width	1 RM	36.70
868	Centering charges for sunshade 0.8 M width	1 RM	45.50
869	Centering charges for sunshade 1.00 M width	1 RM	51.30
870	Centering charges for T beams upto 3.66M of floor height.	1 Cum.	948.20
871	Centering charges T beams more than 3.66 M of floor height. Add for each additional metre height or part there of over the rate as in item above.	1 Cum.	259.00
872	Centering charges for Rectangular beam, L beams, upto 3.66 M of floor height.	1 Cum.	803.60
873	Centering charges for Rectangular beams & L beams more than 3.66 M of floor height. Add for each additional metre height or part there of	1 Cum.	219.20

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	over the rate as in item above.		
874	Centering charges for columns, pedestals	1 Cum.	803.60
875	Centering charges for Templates, bed blocks and footings	1 Cum.	506.20
876	Centering charges for arches upto 1.5 M span	1 Cum.	1094.00
877	Centering charges for arches above 1.5 M span	1 Cum.	1167.60
878	Centering charges for lintels and plinth beams (less than 3.0 span)	1 Cum.	654.40
879	Centering charges for slabs above 300 mm depth.	1 Cum.	759.30
880	Labour charges for making 50 to 75 mm thick RCM Paradah walls (RCM Drop walls) including tying Rabbit (chicken) wire mesh to the existing mild steel/ HYSD Steel reinforcement applying mortar lumps, finishing, plastering both faces, sponge finishing etc co	1 sqm	90.70
881	Labour charges for fixing A.C sheets including cost of J.Bots bitumen washers etc. with or without ridges.	10 sqm	390.10
	(j) LIFT CHARGES		
	For RCC items		
882	Between 1 st and 2 nd floor	1 cum	42.00
883	Between 2nd and 3rd floor	1 cum	103.20
884	Between 3rd and 4th floor	1 cum	192.80
885	Between 4th and 5th floor	1 cum	302.80
886	Between 5th and 6 th floor	1 cum	330.00
887	between 6ht and 7 th floor	1 cum	412.80
888	Between 7th and 8 th floor	1 cum	480.80
889	Between 8th and 9 th floor	1 cum	536.30
890	Between 9th and 10th floor	1 cum	619.20
	LIFT CHARGES FOR BRICK MASONRY & STONE MASONRY		
891	Between 1 st and 2 nd floor	1 cum	34.50
892	Between 2nd and 3rd floor	1 cum	48.70
893	Between 3rd and 4th floor	1 cum	62.40
894	Add extra for every additional floor above 4th floor	1 cum	20.40

S. No	Details	Unit	S S RATE FOR 2006-07
1	2	3	4
	Lift charges for impervious coat upto 26 mm thick plastering with impermo compound or shahabad stone flooring:		
895	Between 1 st and 2nd floor	10 Sqm	17.00
896	Between 2nd and 3rd floor	10 Sqm	31.00
897	Between 3rd and 4th floor	10 Sqm	45.40
898	Add extra for every additional floor above 4th floor	10 Sqm	15.90
	Lift charges for plastering		
899	Between 1 st and 2 nd floor	10 Sqm	8.40
900	Between 2nd and 3rd floor	10 Sqm	14.70
901	Between 3rd and 4th floor	10 Sqm	21.50
902	Add extra for every additional floor above 4th floor	10 Sqm	9.60
Note: SSR rates for Building items are purely for guidance for the officers for preparation of estimates vide para.113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in para.45 of APPWD code.			

SANITARY AND WATER SUPPLY ITEMS (BUILDINGS)

SANITARY & WATER SUPPLY ITEMS

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
1	Supplying, laying, jointing and testing 101.6 mm SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5 : 1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) upto 1524 mm (5'0") depth and refilling with watering and tamping.	1 RM	155.50
2	Supplying, laying, jointing and testing 101.6 mm SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1:5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) upto 914.4 mm (3'0") depth and refilling with watering and tamping.	1 RM	121.40
3	a) Supplying & fixing SWG bends 101.6 mm	Each	38.00
4	b) - do - labour charges only	Each	12.70
5	Supplying & fixing 152.4 mm x 101.6 mm SWG gully traps of ISI make conforming to ISI 651 & 4127 with C.I Grating & Constg. Brick masonry in CM 1 : 6 prop. Intermediate chamber and fitted with 304.8 mm x 288.6mm (12"x9") C.I Frame and hinged cover	Each	292.20
6	Supply of SWG pipe of ISI make conforming to ISI 651 4" dia (101.6mm)	1 RM	52.90
7	Supply of SWG pipe of ISI make conforming to ISI 651 6" dia (152.4mm)	1 RM	71.50
8	Supply of SWG pipe of ISI make conforming to ISI 651 8" dia (203.2mm)	1 RM	180.30
9	Supply of SWG pipe of ISI make conforming to ISI 651 10" dia (254mm)	1 RM	264.40
10	Constructing 914.4 mm (3'0") dia brick in CM 1:6 prop. Masonry inspection chamber upto 1524 mm (5'0") depth including plastering with CM 1:3 prop. 12.7 mm (1/2") thick both inside and outside and fitted with 508 mm (20") dia light weight 20 kg CI frame and cover.	Each	2783.00
11	Constructing 914.4 mm (3'0") dia brick in CM 1:6 prop. Masonry inspection chamber upto 914.4 mm (3'0") depth including plastering with CM 1:3 prop. 12.7 mm (1/2") thick both inside and outside and fitted with 508 mm (20") dia light weight 20 kg CI frame and cover.	Each	2017.70
12	Extra for provision of medium weight 40 Kg in place of light weight cover.	Each	411.10

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
13	Constructing 914.4 mm x 457.2 mm (3'0"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber upto 914.4 mm (3'0") and fitted with light weight 914.4 mm x 457.2 mm (3'0"x1'6") C.I frame and cover of 40 Kg.	Each	2150.50
14	Constructing 457.2 mm x 457.2 mm (1'6"x1'6") brick in CM 1:6 prop. Masonry. Inspection chamber upto 914.4 mm (3'0") and fitted with light weight 457.2 mm x 457.2 mm (1'6"x1'6") C.I frame and cover of 20 Kg.	Each	1296.60
15	a) Supplying & fixing 101.6 mm C.I Plug Bend	Each	189.70
16	b) - do - labour charges only	Each	34.70
17	a) Supplying & fixing 152.4mm dia CI plug bend Ist quality	Each	433.50
18	b) - do - labour charges only	Each	45.90
19	a) Supplying & fixing 101.6mm dia CI Plain bend Ist quality	Each	177.10
20	b) - do - labour charges only	Each	34.70
21	a) Making drainage connection in the existing inspection including all repairs	Each	72.60
22	b) - do - labour charges only	Each	40.40
23	a) Supplying, laying, jointing and testing 152.4 mm SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5 : 1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) upto 151.2 cm depth and refilling with watering and tamping.	1 RM	202.40
24	b) - do - labour charges only	1 RM	40.40
25	a) Supplying, laying, jointing and testing 152.4 mm CC bed 1 : 2 : 4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 101.6 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	50.60
26	b) - do - labour charges only	1 RM	5.80
27	a) Supplying, laying, jointing and testing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 152.4 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	88.50
28	b) - do - labour charges only	1 RM	28.90
29	Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	53.00
30	b) - do - labour charges only	1 RM	20.00
31	a) Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for	1 RM	99.00

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	fixing the channels in position		
32	b) - do - labour charges only	1 RM	27.90
33	a) Supplying & fixing 101.6 mm (4") C.I Soil pipes with cement caulked joints and painted black	1 RM	297.30
34	b) - do - labour charges only	1 RM	78.50
35	a) Supplying and fixing 152.4 mm (6") CI soil pipe Ist quality with cement caulked joints and painted black (single socket)	1 RM	537.60
36	b) - do - labour charges only	1 RM	78.50
37	a) Supplying and fixing 76.2 mm (3") CI soil pipe Ist quality with cement caulked joints and painted black (single socket)	1 RM	177.10
38	b) - do - labour charges only	1 RM	78.00
39	a) Supplying and fixing 152.4 mm(6") CI soil pipe Ist quality with cement caulked joints and painted black (Double socket)	1 RM	569.20
40	b) - do - labour charges only	1 RM	78.00
41	a) Supplying and fixing 76.2 mm(3") CI soil pipe 1st quality with cement caulked joints and painted black (Double socket)	1 RM	202.40
42	b) - do - labour charges only	1 RM	78.00
43	a) Supplying & fixing 101.6 mm (4") CI soil single junction with plug	Each	253.00
44	b) - do - labour charges only	Each	23.10
45	a) Supplying & fixing 152.4 mm (6") CI soil single junction with plain	Each	387.50
46	b) - do - labour charges only	Each	45.90
47	a) Supplying & fixing 152.4 x 152.4 mm (6"x6") CI single junction plug /door Ist quality	Each	499.70
48	b) - do - labour charges only	Each	27.50
49	a) S & F 101.6 mm (4") CI soil double junction with plug	Each	273.20
50	b) - do - labour charges only	Each	34.70
51	a) S & F 101.6 x 76.2 mm CI soil offsets (calcutta make)	Each	170.80
52	b) - do - labour charges only	Each	17.30
53	a) Supplying & fixing 152.4 x 152.4 mm CI single offset Ist quality	Each	333.70
54	b) - do - labour charges only	Each	27.50
55	a) Supplying & fixing 203.2 x 76.2 mm CI soil offsets Ist quality	Each	283.10
56	b) - do - labour charges only	Each	27.50

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
57	a) Supplying & fixing 101.6 mm x 152.4 mm C.I soil offsets (Calcutta make)	Each	202.40
58	b) - do - labour charges only	Each	20.80
59	a) Supplying & fixing 88.9 mm A.C cowls	Each	42.40
60	b) - do - labour charges only	Each	6.90
61	a) Supplying & fixing A.C Cowl 63.5 mm dia	Each	30.30
62	b) - do - labour charges only	Each	5.80
63	a) supplying & fixing 101.6 mm x 63.5 mm CI inverted double junction (Calcutta/Nagpur make)	Each	379.50
64	b) - do - labour charges only	Each	30.00
65	a) S & F 76.2 mm CI Nahary trap (Calcutta/Nagpur make)	Each	196.10
66	b) - do - labour charges only	Each	27.70
67	Removing and refixing W.C s	Each	139.80
68	Removing and refixing wash hand basins of any size with fittings complete	Each	109.70
69	a) S & F 76.2 x 101.6 mm teak wood block complete	Each	15.70
70	b) - do - labour charges only	Each	4.60
71	a) S& F 76.2 mm C.I plug bends (Calcutta/Nagpur make)	Each	126.50
72	b) - do - labour charges only	Each	13.90
73	a) S & F 76.2 mm CI plain beds (Calcutta/Nagpur make)	Each	111.30
74	b) - do - labour charges only	Each	11.60
75	a) S&F 76.2 mm C.I single junction with Plug (Calcutta / Nagapur make)	Each	170.80
76	b) - do - labour charges only	Each	19.60
77	a) S&F 76.2 mm C.I double junction with Plug (Calcutta / Nagapur make)	Each	240.30
78	b) - do - labour charges only	Each	23.10
79	a) Supplying & fixing 76.2 mm x 76.2 mm CI offsets (Calcutta/Nagpur make)	Each	132.80
80	b) - do - labour charges only	Each	3.50
81	a) Supplying & fixing 76.2 mm x 152.4 mm CI offsets (Calcutta/Nagpur make)	Each	145.50
82	b) - do - labour charges only	Each	17.30
83	Supply & fixing 101.6 mm dia CI floor traps Ist quality	Each	236.60
84	a)Boxing of Nahany traps in RCC floors	Each	96.80
85	b) - do - labour charges only	Each	46.20
86	Boxing of W.C Trap in R.C.C floor in Ist floor Labour charges only	Each	193.60
87	Cutting holes in C.C; basement & repairs Labour	Each	52.00

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	charges only		
88	Cutting holes in stone masonry & basement and repairs Labour charges only	Each	34.70
89	Cutting holes in Brick masonry & repairs Labour charges only	Each	23.10
90	Cutting holes in RCC slab floor & repairs Labour charges only	Each	34.70
91	a) S & F 584.2 mm long Indian pattern white glazed W.C with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark	Each	581.90
92	b) - do - labour charges only	Each	127.10
93	a) S& F 584.2 mm long Orissa pan of parry Neycer/H.S.W/ Parryware make with 'P' & 'S' trap - ISI Mark	Each	976.60
94	b) - do - labour charges only	Each	159.40
95	a) S & F porcelanin foot rest for I.W.C.(Rectangular pair)	Pair	139.10
96	b) - do - labour charges only	Pair	28.90
97	a) S & F low down porcelain flushing tank 10 Lit Capacity Hindustan Sanitary ware/ parry/ Neycer with internal components	Each	1391.50
98	b) - do - labour charges only	Each	231.00
99	a)S & F European type Hindustan / Neycer or parry W.C best Indian make white glazed with 'P' trap	Each	695.70
100	b) - do - labour charges only	Each	115.50
101	a) S & F European type Hindustan / Neycer or parry W.C best Indian make white glazed with 'S' trap	Each	822.20
102	b) - do - labour charges only	Each	115.50
103	a) S& F best Indian make plastic seat and lid for European water closets & Buffers as per IS 2548-1963	Each	278.30
104	b) - do - labour charges only	Each	34.70
	Supply, Installation and commissioning approved make EWC(suit) CASCADE model 'P' or 'S' trap with porcelin cistern fixed on EWC with all internal parts of cistern vis. White seat cover of aproved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects		
105	a) white	Each	5366.40

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
106	b) Extra for colour - Grade - I/ Grade - II	Each	2282.70
107	c) Extra for spl. Colour - Grade - III	Each	4566.60
108	a) Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	60.50
109	b) - do - labour charges only	Each	11.60
110	a) S & F 12.7 mm NP stop cock Indian make 300 grams	Each	111.30
111	b) - do - labour charges only	Each	13.90
112	a) S & F concealed stop cock 12.7 mm (1/2")	Each	163.40
113	b) - do - labour charges only	Each	16.00
114	a) S & F angle stop cock 12.7 mm dia first quality	Each	116.20
115	b) - do - labour charges only	Each	16.00
116	a) S&F 12.7 mm N.P bib tap Indian make 300 grams	Each	111.30
117	b) - do - labour charges only	Each	13.90
118	a) S&F 12.7mm N.P bib tap Indian make 250 grams	Each	94.40
119	b) - do - labour charges only	Each	11.60
120	a)S & F 31.75 mm brass plumber Union best Indian first quality	Each	30.30
121	b) - do - labour charges only	Each	5.80
122	a) S & F 12.7 mm brass stop cock Indian make 400 grams	Each	96.80
123	b) - do - labour charges only	Each	11.60
124	a) S & F 12.7 mm brass stop cock Indian make 300 grams	Each	90.80
125	b) - do - labour charges only	Each	11.60
126	a) S & F 12.7 mm brass bib cock Indian make 400 grams	Each	106.50
127	b) - do - labour charges only	Each	11.60
128	a) S & F 12.7 mm brass bib cock Indian make 300 grams	Each	90.80
129	b) - do - labour charges only	Each	12.70
130	S & F CP long body bib cock fancy type delux 300 grames dia 12.7 mm	Each	188.80
131	S & F 12.7mm dia high neck pillar cock Ist quality Indian make 400 grams	Each	302.10
132	a) S & F 12.7 mm .M.P couplings	Each	21.80
133	b) - do - labour charges only	Each	5.80
134	a) S & F 19.05 mm M.P couplings	Each	24.20
135	b) - do - labour charges only	Each	5.80
136	a) S& F MP coupling 25.4 mm dia	Each	58.10
137	a) S & F PVC Rubber adopter for LLC and bend	Each	12.10
138	b) - do - labour charges only	Each	3.50
139	a) S& F 31.75 mm Brass union nuts	Each	21.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
140	b) - do - labour charges only	Each	3.50
141	a) S& F 38.1 mm Brass union nuts	Each	23.00
142	b) - do - labour charges only	Each	4.60
143	S& F GI union 12.7 mm Ist Quality	Each	23.20
144	S& F GI union 19.05 mm Ist Quality	Each	29.00
145	S& F GI union 25.4 mm Ist Quality	Each	43.60
146	S& F GI union 31.75 mm Ist Quality	Each	54.50
147	S& F GI union 38.1 mm Ist Quality	Each	65.30
148	S& F GI union 50.8 mm Ist Quality	Each	79.90
149	S& F GI connector 25.4 mm dia	Each	48.40
150	S& F 12.7 m GI 'T' A class Ist quality	Each	30.30
151	S& F 31.75 mm dia GI bend Ist quality	Each	43.60
152	S & F 31.75 mm dia GI 'T' 1st Quality	Each	42.60
153	a) Supplying & Fixing solder joints upto 50.8 mm dia	Each	37.50
154	b) - do - labour charges only	Each	11.60
155	a) Supplying & Fixing solution joints upto 50.8 dia Ist quality.	Each	7.50
156	b) - do - labour charges only	Each	1.40
157	a)S & F 558.8 mm x 406.4 mm Indian make wash hand basins (HSW/Parry/Earthenware) with 12.70 mm N.P 400 grams pillar taps wast plug chain complete with CI brackets including wooden block	Each	605.00
158	b) - do - labour charges only	Each	161.70
159	a) S & F pedestal (H.S.W / Parry/ Earthenware)	Each	653.40
160	b) - do - labour charges only	Each	57.80
161	a) S & F 31.75 mm C.P bottle trap (Heavy type)	Each	181.50
162	b) - do - labour charges only	Each	23.10
163	a) S & F 31.75 mm C.P TRAPS	Each	181.50
164	b) - do - labour charges only	Each	23.10
165	a) S & F 12.7 mm NP elbow action bib cock 600 gms	Each	278.30
166	b) - do - labour charges only	Each	20.00
167	a) S&F 12.7 m NP elbow action pillar cock 600 gms	Each	232.30
168	b) - do - labour charges only	Each	17.30
169	S&F 12.7 mm dia NP pillar cock Ist quality	Each	113.20
170	S&F 12.7 mm dia NP push cock Ist quality	Each	121.00
171	S&F 12.7 mm dia NP lift cock Ist quality	Each	96.80
172	a)S & F 38.1 mm C.P waste coupling	Each	55.70
173	b) - do - labour charges only	Each	13.90
174	a) S & F 31.75 mm PVC bottle trap	Each	78.70
175	b) - do - labour charges only	Each	11.60
176	a) S& F 38.1 mm brass plumber union	Each	40.40
177	b) - do - labour charges only	Each	5.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
178	a) S & F white glazed flat back urinals Small stall 440 mm x 265 mm x 315 mm with screws complete Indian make (HSW/Parry/Neycer)	Each	439.00
179	b) - do - labour charges only	Each	63.50
180	a) S & F 19.05 mm NP stop cock Indian make with ISI mark 400 grams	Each	157.30
181	b) - do - labour charges only	Each	11.60
182	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	17.30
183	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	80.90
184	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	17.30
185	a) S & F NP telephonic shower spray set & valve mixer with rest and all fittings complete (ARK/ESSCO make)	Each	907.50
186	b) - do - labour charges only	Each	207.90
187	a) S & F NP shower spray fancy with NP Flexible pipe	Each	302.50
188	b) - do - labour charges only	Each	69.30
189	a) S & F NP cover for nahany trap	Each	19.40
190	b) - do - labour charges only	Each	9.20
191	a) Painting the flushing tank with white enamel paint	Each	63.50
192	b) - do - labour charges only	Each	32.30
193	S & F internal fittings for flush tank	Each	363.00
194	Repairing and over hauling flushing tank	Each	46.20
195	a) Supplying & Fixing NP chain rubber and plugh for bain	Each	24.20
196	b) - do - labour charges only	Each	3.50
197	a) S & F 609.6 x 457.2 x 254 mm Indian make white glazed sink on cantilever brackets with 2 NP couplings, plug and chain complete	Each	2200.00
198	b) - do - labour charges only	Each	173.30
199	a) S & F 762.00 x 457.2 x 228.6 mm Indian make white glazed sink on cantilever brackets with 2 NP couplings, plug and chain complete	Each	2662.00
200	b) - do - labour charges only	Each	173.30
201	a) S & F 609.6 x 457.2 x 254 mm RCC terrazo finished sink (or constructed at site with 50.8mm thick) brass plug and chain including CI cantilever brackets	Each	363.00
202	b) - do - labour charges only	Each	115.50
203	a) S & F 25.4 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium	Each	90.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	screws		
204	b) - do - labour charges only	Each	23.10
205	a) S & F 19.04 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	78.70
206	b) - do - labour charges only	Each	34.70
207	a) S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	115.00
208	b) - do - labour charges only	Each	28.90
209	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	36.30
210	b) - do - labour charges only	Each	5.80
211	a) S & F NP soap dish heavy type with NP SCREWS	Each	145.20
212	b) - do - labour charges only	Each	6.40
213	a) S & F NP holder brackets with screws	Each	30.30
214	b) - do - labour charges only	Each	6.90
215	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	133.10
216	b) - do - labour charges only	Each	11.60
217	a) Constructing R.C.C over head tank with partition complete	1 Lt	4.30
218	b) - do - labour charges only	1 Lt	0.90
219	a) Constructing R.C.C over head tank with out partition complete	1 Lt	3.60
220	b) - do - labour charges only	1 Lt	0.80
221	a) S & F 25.4 mm copper ball cock ith PVC ball Indian make ISI mark	Each	229.90
222	b) - do - labour charges only	Each	23.10
223	a) S & F 19.05 mm copper ball cock ith PVC ball Indian make ISI mark	Each	187.60
224	b) - do - labour charges only	Each	23.10
225	a) S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	121.00
226	b) - do - labour charges only	Each	23.10
227	a) S & F 25.4 mm GM peet valve Indian make heavy type	Each	254.10
228	b) - do - labour charges only	Each	23.10
229	a) S & F 19.05 mm GM peet valve Indian make heavy type	Each	196.00
230	b) - do - labour charges only	Each	23.10

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
231	a) S & F 12.7 mm GM peet valve Indian make heavy type	Each	151.30
232	b) - do - labour charges only	Each	23.10
233	a) S & F 31.75 mm GM peet valve Indian make heavy type Ist quality	Each	381.20
234	a) S & F 38.1 mm GM peet valve Indian make heavy type Ist quality	Each	600.20
235	b) - do - labour charges only	Each	34.70
236	a) S & F 50.8 mm dia GM peet valve Ist quality	Each	774.40
237	b) - do - labour charges only	Each	46.20
238	a) S & F 63.5 mm dia GM peet valve Ist quality	Each	1461.70
239	b) - do - labour charges only	Each	57.80
240	a) S & F 76.2 mm dia GM peet valve Ist quality	Each	2142.90
241	b) - do - labour charges only	Each	69.30
242	a) S & F 15 mm Nominal Bore GI pipe Light Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	79.20
243	b) - do - labour charges only	1 RM	20.80
244	a) S & F 20 mm Nominal Bore GI pipe Light Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	103.20
245	b) - do - labour charges only	1 RM	20.80
246	a) S & F 25 mm Nominal Bore GI pipe Light Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	147.10
247	b) - do - labour charges only	1 RM	20.80
248	a) S & F 40 mm Nominal Bore GI pipe Light Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	213.00
249	b) - do - labour charges only	1 RM	23.10
250	a) S & F 50 mm Noiminal Bore GI pipe Light Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	257.00
251	b) - do - labour charges only	1 RM	34.70
252	a) S & F 15 mm Nominal Bore GI pipe Medium Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	93.70
253	b) - do - labour charges only	1 RM	20.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
254	a) S& F 20 mm Nominal Bore GI pipe Medium Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	110.10
255	b) - do - labour charges only	1 RM	20.80
256	a) S& F 25 mm Nominal Bore GI pipe Medium Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	157.00
257	b) - do - labour charges only	1 RM	20.80
258	a) S& F 40 mm Nominal Bore GI pipe Medium Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	219.00
259	b) - do - labour charges only	1 RM	23.10
260	a) S& F 50 mm Noiminal Bore GI pipe Medium Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	281.00
261	b) - do - labour charges only	1 RM	34.70
262	a) S& F 32 mm Nominal Bore GI pipe Medium Grade as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	199.00
263	S & F 65 mm Nominal Bore GI pipe Medium Grade as per IS 1239 with GI fittings such as elbows tees couplings, nipples, plugs including excavation for trenches and refilling the trenches complete except for GI bends union and GI connectors with checknut and socket Tata or Zenith make or equivalent.	1 RM	418.00
264	a)S & F 12.7 mm holder bat clamps	Each	6.90
265	b) - do - labour charges only	Each	3.50
266	a)S & F 19.05 mm holder bat clamps	Each	11.60
267	b) - do - labour charges only	Each	3.50
268	a)S & F 25.4 mm holder bat clamps	Each	13.90
269	b) - do - labour charges only	Each	3.50
270	a)S & F 38.1 mm holder bat clamps	Each	17.30
271	b) - do - labour charges only	Each	4.60
272	a) Constructing Brick masonry chamber over the gully trap or peet valve and fitted with 304.8 x 228.6 m size CI frame and hinged cover.	Each	217.80
273	b) - do - labour charges only	Each	52.00
274	a)Constructing Brick mlasonry supprt for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size including	Each	36.30

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	plastering and finishing etc. complete.		
275	b) - do - labour charges only	Each	11.60
276	a) S & F 12.7 x 152.0 mm NP shower rose heavy	Each	90.80
277	b) - do - labour charges only	Each	10.40
278	a) S & F 12.7 x 137.0 mm NP shower rose heavy	Each	90.80
279	b) - do - labour charges only	Each	11.60
280	a) S & F 12.7 x 101.6 mm NP shower rose heavy	Each	78.70
281	b) - do - labour charges only	Each	11.60
282	a) S & F 12.7 x 88.9 CP fancy shower	Each	145.20
283	b) - do - labour charges only	Each	11.60
284	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mudvalve) including making a hole	Each	24.20
285	b) - do - labour charges only	Each	11.60
286	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	36.30
287	b) - do - labour charges only	Each	11.60
288	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	42.40
289	b) - do - labour charges only	Each	13.90
290	a) Taking branch water connection from the existing 25.4 mm GI pipe including cutting threading, etc, complete with fitting	Each	84.70
291	b) - do - labour charges only	Each	23.10
292	a) Taking branch water connection from the existing 19.05 mm GI pipe including cutting threading, etc, complete with fitting,	Each	48.40
293	b) - do - labour charges only	Each	20.80
294	a) Taking branch water connection from the existing 12.7 mm GI pipe including cutting threading, etc, complete with fitting,	Each	36.30
295	b) - do - labour charges only	Each	17.30
296	Supplying & fixing leather washers for 12.7 mm bib tap and stop cock	Each	1.20
297	Supplying & fixing leather washers for 19.05 mm bib tap and stop cock	Each	2.40
298	Supplying & Fixing 12.7 mm fibre washers	Each	2.40
299	Supplying & Fixing 19.05 mm fibre washers	Each	3.10
300	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	72.60
301	b) - do - labour charges only	Each	18.50
302	a) Supplying & fixing CI Nahany trap grating	Each	12.10
303	b) - do - labour charges only	Each	5.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
304	a) Supplying & fixing CI gully trap grating	Each	30.30
305	b) - do - labour charges only	Each	5.80
306	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	12.10
307	b) - do - labour charges only	Each	4.60
308	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	11.10
309	b) - do - labour charges only	Each	2.90
310	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	18.20
311	b) - do - labour charges only	Each	3.50
312	Removing 12.7 mm GI pipe and refixing the same	Rm	30.00
313	Removing 19.05 mm GI pipe and refixing the same	Rm	34.70
314	Removing 25.4 mm GI pipe and refixing the same	Rm	50.80
315	Removing 38.1 mm GI pipe and refixing the same	Rm	63.50
316	Removing 50.8 mm GI pipe and refixing the same	Rm	75.10
317	Cleaning the W.C with acid and Vim powder	Each	17.30
318	Cleaning the Urinal with acid and Vim power	Each	17.30
319	Cleaning the wash basin with acid and Vim power	Each	17.30
320	Cleaning the E.W.C with acid and Vim power	Each	17.30
321	a) Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight)	Each	508.20
322	b) - do - labour charges only	Each	46.20
323	a) Supplying & fixing CI steps for septic tank.	Each	30.30
324	b) - do - labour charges only	Each	5.80
325	a) Supplying & fixing 50.8 cm dia man hole frame & cover for 914.4 mm dia chamebr (Light weight)	Each	393.30
326	b) - do - labour charges only	Each	34.70
327	a) Supplying & fixing 50.8 cm dia man hole frame & cover for 914.4 mm dia chamebr (Medium weight)	Each	726.00
328	b) - do - labour charges only	Each	75.10
329	a) Supplying & fixing 101.6 x 101.6 mm SWG Tee	Each	54.50
330	b) - do - labour charges only	Each	12.70
331	a) S & F SWG pipe 101.6 mm of Ist Class with cement joints	1 RM	55.70
332	b) - do - labour charges only	1 RM	5.80
333	a) Supplying & Fixing SWG pipe 152.4 mm of Ist Class with cement joints	1 RM	72.60
334	b) - do - labour charges only	1 RM	11.60
335	Constg. 50.8 mm thick RCM baffle wall with 2.267 Kg steel & rabbit wire mesh in CM 1:3 with fine rendering in neat cement labour charges Only	1 Sqm	127.10
336	a) Constg. 50.8 mm RCC partition wall	1 Sqm	145.20

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
337	b) - do - labour charges only	1 Sqm	23.10
338	a) S & F double layer of bamboo matting tarred on both sides.	10 Sqm	346.50
339	b) - do - labour charges only	10 Sqm	57.80
340	Removing of 101.6 m or 76.2 mm CI pipe	1 RM	17.30
341	a) Supplying & fixing 76.2 mm W.I clamps	Each	9.70
342	b) - do - labour charges only	Each	3.50
343	Extra depth of inspection chamber of 914.4 mm diameter excluding rock cutting.	1 Rm	726.00
344	Extra depth of inspection chamber of 914.4 x 457.2mm diameter excluding rock cutting.	1 Rm	726.00
345	a) Supplying & fixing NP coat hook	Each	24.20
346	b) - do - labour charges only	Each	5.80
347	Supplying & fixing small precast RCC water tanks including cover over the roof of building	1 Lit	3.60
348	Labour charges for laying glazed tiles	1 Sqm	57.80
349	a) Providing & Placing on Terrace (at all floor levels) polyethylene water storage tank with Double layer approved brand & manufacture with cover and suitable locking arrangement & making necessary holes for inlet & outlets and over flow pipes but without fittings & base support for tanks	1 Lit	5.00
350	b) - do - labour charges only	1 Lit	0.30
351	Supply of Plastic storage tank lid with hinges	Each	54.50
352	Supply & Fixing 76.2 mm dia PVC elbow Ist quality	Each	31.50
353	Supply & fixing 31.75 mm dia PVC flexible waste pipe of 914.4 mm length of Ist quality	Each	18.20
354	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	60.50
355	Supply & fixing Fancy PVC shelf including all fittings	Each	145.20
356	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457.2 mm	Each	303.70
357	b) - do - labour charges only	Each	59.90
358	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	3.10
359	b) - do - labour charges only	Each	0.60
360	a) Supplying & fixing 19.06 mm dia GI plug	Each	3.60
361	b) - do - labour charges only	Each	0.60
362	a) Supplying and fixing 38.1 mm dia of GI plug	Each	13.30
363	b) - do - labour charges only	Each	3.50
364	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	30.30
365	b) - do - labour charges only	Each	5.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
366	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	42.40
367	b) - do - labour charges only	Each	9.20
368	a) Supplying & fixing 19.05 mm non return valve	Each	205.70
369	b) - do - labour charges only	Each	28.90
370	a) Supplying & fixing 25.4 mm dia non return valve	Each	274.70
371	b) - do - labour charges only	Each	34.70
372	a) Supplying & fixing 38.1 mm dia non return valve	Each	490.10
373	b) - do - labour charges only	Each	57.80
374	a) Supplying & fixing 50.8 mm dia non return valve	Each	701.80
375	b) - do - labour charges only	Each	57.80
376	a) Supplying & fixing C.P flange.	Each	9.70
377	b) - do - labour charges only	Each	3.50
378	a) Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	3872.00
379	b) - do - labour charges only	Each	173.30
380	a) Supplying & fixing stainless steel sink size 24" x 18" x 8" (609.6x457.2x203.2mm) 1 mm thick with accessories	Each	3206.50
381	b) - do - labour charges only	Each	173.30
382	a) Supplying & fixing stainless steel sink size 20" x 18" x 8" (508x457.2x203.2mm) 1 mm thick with accessories	Each	2904.00
383	b) - do - labour charges only	Each	173.30
384	Supplying & fixing 4" x 24" (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	275.90
385	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bib cock indian make heavy type including all materials	Each	556.60
386	Supply & fixing 2 1/2" (63.5mm) dia Sluice valve ISI mark with 2 Nos. flanges, 8 nos, 3/4" dia nuts & bolts and all necessary washers and packing materials etc. complete	Each	3288.80
387	Supply & fixing porcelain P' trap	Each	138.60
388	Supplying & fixing oval shape basin white (520x410mm) parry or equivalent	Each	1427.80
389	Supply & fixing RCC cover 22" dia with nominal reinforcement 3" thick and hooks for lifting	Each	484.00
390	Supply & fixing cp spl. Grating with frame and cover of Ist quality	Each	34.50
391	Supply & fixing towel rod (CP) of 24" long and 3/4" dia	Each	225.10
392	Supply & fixing of LLC handle set Ist quality	Each	48.40

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	Supply & fixing 4" dia CP thimble pipe		
393	a) 150 mm long	Each	242.00
394	b) 220 mm long	Each	363.00
395	c) 300 mm long	Each	484.00
396	Supply & fixing CP long bend	Each	196.70
397	Supply & fixing CP short bend	Each	98.00
	Supply & fixing of PVC low level system parryware, slimline with internal components & short bend.		
398	a) 10 Ltrs capacity white	Each	665.50
399	b) 10 ltrs capacity colour	Each	738.10
400	c) 8 lts capacity tuffmate white & colour	Each	447.70
401	Supplying & fixng bib cock with flange C.P jaquar make queen series.	Each	827.20
	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook of jaquar make queen series with 7 years warranty		
402	a) Chrome plated	Each	2375.00
403	b) Ivory gold	Each	3935.00
	Supply & fixing pillar cock jaquar make Queen series with 7 years warranty		
404	a) Chrome plated	Each	925.00
405	b) Ivory gold	Each	1550.00
	Supply & fixing Angular stop cokc with wall flange jaquar make Queen series with 7 years warranty		
406	a) Chrome plated	Each	895.00
407	b) Ivory gold	Each	1760.00
	Supply & fixing Waste coupling jaquar make with 7 years warranty		
408	a) Chrome plated	Each	215.00
	Supply & fixng of Bottle trap jaquar make with 7 years warranty		
410	a) Chrome plated	Each	900.00
411	b) Ivory gold	Each	1415.00
	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty		
412	a) Chrome plated	Each	215.00
413	b) Ivory gold	Each	420.00

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange jaquar make queen series with 7 years warranty		
414	a) Chrome plated	Each	2725.00
415	b) Ivory gold	Each	4920.00
	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series. with 7 years warranty		
416	a) Chrome plated	Each	1250.00
417	b) Ivory Gold	Each	1925.00
418	Supply and Fixing Wall Mixer with Telephonic shower arrangement with crutch and flexible pipe Jaquar series Ivory gold colour for bath tub. with 7 years warranty	Each	7620.00
419	Supply & fixing Bath tub overflow set complete with over flow cap, 450 mm Ball chain with rubber plug & union bend with brass nut jaquar make, Ivory gold colour. with 7 years warranty	Each	875.00
420	Supply & fixing sink cock with regular swinging spout with wall flange chromeplated Jaquar make Queen series with 7 years warranty	Each	1315.00
	Supply & fixing soap dish jaquar make queen series: with 7 years warranty		
421	a) Chrome plated	Each	825.00
422	b) Ivory Gold	Each	1330.00
	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty		
423	a) Chrome plated	Each	695.00
424	b) Ivory Gold	Each	1215.00
	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty		
425	a) Chrome plated	Each	650.00
426	b) Ivory Gold	Each	1110.00
	Supply & Fixing of towel coat hook Jaquar make Queen series with 7 years warranty		
427	a) Chrome plated	Each	475.00
428	b) Ivory Gold	Each	975.00
429	Supply & Fixing of Towel rod 24 " Jaquar make Queen series Ivory gold colour with 7 years warranty	Each	1715.00

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
430	Supply & Fixing of Tumbler holder Jaquar make Queen series, Ivory gtold colour with 7 years warranty	Each	1205.00
431	Supply & fixing of Glass shelf 22" Jaquar make Queen series, Ivory gold colour with 7 years warranty	Each	2380.00
	"CZAR" OR EQUIVALENT BATH ROOM FITTINGS ACCESSORIES PRICES INCLUSION OF ALL THE TAXES		
432	Polo 3 flow hand shower-ts1000	Each	1045.00
433	Polo 3 flow overhead shower - ts 1001	Each	856.90
434	Polo 4 flow hand shower - ts 1002	Each	1567.50
435	Rain head shower 6"-ts 1003	Each	731.50
436	Rain head shower 9"- ts 1004	Each	1567.50
437	Rio hand 4 flow shower -ts 1005	Each	993.30
438	Rio 4 flow overhead shower -ts 1006	Each	784.30
439	Viva 4 flow hand shower -ts 1007	Each	1515.80
440	Viva 4 flow overhead shower -ts1008	Each	1149.50
441	Sliding tel shower rail -ts 1009	Each	731.50
442	Flexi shower rail -ts 1010	Each	1045.00
443	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -cp	Each	627.00
444	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -col/cp	Each	836.00
445	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -col/gold	Each	983.40
446	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -spl/gold	Each	1093.40
447	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -gold	Each	1285.90
448	Health faucet -s 2307 -cp	Each	743.60
449	Health faucet -s 2307 -col/cp	Each	991.10
450	Health faucet -s 2307 -col/gold	Each	1167.10
451	Health faucet -s 2307 -spl/gold	Each	1296.90
452	Health faucet -s 2307 -gold	Each	1525.70
453	Bottle trap h/ casted 40/32mm -s 2061-cp	Each	632.50
454	Bottle trap h/ casted 40/32mm -s 2061-col/cp	Each	841.50
455	Bottle trap h/ casted 40/32mm -s 2061-col/gold	Each	992.20
456	Bottle trap h/ casted 40/32mm -s 2061-spl/gold	Each	1101.10
457	Bottle trap h/ casted 40/32mm -s 2061-gold	Each	1296.90
458	Bottle trap exclu 40/32mm -s 2602 cp	Each	445.50
459	Waste coupling heavy - s2603 cp 32mm	Each	151.80
460	Waste coupling heavy - s2604cp 40mm	Each	172.70
461	Waste coupling heavy - s2603 col/cp 32mm	Each	201.30

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
462	Waste coupling heavy - s2604 col/cp 40mm	Each	229.90
463	Waste coupling heavy - s2603 spl/gold 32mm	Each	264.00
464	Waste coupling heavy - s2604 spl/gold 40mm	Each	301.40
465	Waste coupling heavy - s2603 gold 32mm	Each	310.20
466	Waste coupling heavy - s2604 gold 40mm	Each	353.10
467	Waste coupling 150 mm long - s2605 cp 40mm	Each	238.70
468	Waste coupling 150 mm long - s2605 col/cp 40mm	Each	317.90
469	Waste coupling 150 mm long - s2605 spl/gold 40mm	Each	414.70
470	Waste coupling 150 mm long - s2605 gold 40mm	Each	489.50
471	Bath tub over flow set-s2606 -cp	Each	468.60
472	Bath tub over flow set-s2606 -col/cp	Each	623.70
473	Bath tub over flow set-s2606 -col/gold	Each	734.80
474	Bath tub over flow set-s2606 -spl/gold	Each	816.20
475	Bath tub over flow set-s2606 -gold		960.30
476	Concealed flush valve 32mm -sy 163 cp	Each	1776.50
477	Concealed flush valve 32mm -sy 163 col/cp	Each	2369.40
478	Concealed flush valve 32mm -sy 163 col/gold	Each	2787.40
479	Concealed flush valve 32mm -sy 163 spl/gold	Each	3096.50
480	Concealed flush valve 32mm -sy 163 gold	Each	3643.20
481	Urinal flush valve 15mm -sy 2404 cp	Each	1160.50
482	Urinal flush valve 15mm -sy 2404 col/cp	Each	1546.60
483	Urinal flush valve 15mm -sy 2404 col/gold	Each	1819.40
484	Urinal flush valve 15mm -sy 2404 spl/gold	Each	2020.70
485	Urinal flush valve 15mm -sy 2404 gold	Each	2378.20
486	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 cp	Each	1745.70
487	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 col/cp	Each	2327.60
488	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 col/gold	Each	2737.90
489	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 spl/gold	Each	3041.50
490	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 gold	Each	3578.30
491	Single line flush valve 32 mm w/o elbow bend - sy 2406 cp	Each	1536.70
492	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 col/cp	Each	2048.20
493	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 col/gold	Each	2410.10
494	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 spl/gold	Each	2677.40
495	Single line flush valve 32 mm w/elbow bend & flange	Each	3149.30

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	- sy 2406 gold		
496	Flush cock half turn -25mm -s2407 cp	Each	784.30
497	Flush cock half turn -25mm -s2407 col/cp	Each	1045.00
498	Flush cock half turn -25mm -s2407 col/gold	Each	1228.70
499	Flush cock half turn -25mm -s2407 spl/gold	Each	1366.20
500	Flush cock half turn -25mm -s2407 gold	Each	1607.10
501	Flush cock lever type -25mm -s2408 cp	Each	886.60
502	Flush cock lever type -25mm -s2408 col/cp	Each	1183.60
503	Flush cock lever type -25mm -s2408 col/gold	Each	1392.60
504	Flush cock lever type -25mm -s2408 spl/gold	Each	1547.70
505	Flush cock lever type -25mm -s2408 gold	Each	1821.60
506	Push cock 25mm -s2409 cp	Each	794.20
507	Push cock 25mm -s2409 col/cp	Each	1058.20
508	Push cock 25mm -s2409 col/gold	Each	1245.20
509	Push cock 25mm -s2409 spl/gold	Each	1383.80
510	Push cock 25mm -s2409 gold	Each	1628.00
511	Urinal push cook 15 mm - s 2410 cp	Each	251.90
512	Urinal push cook 15 mm - s 2410 col/cp	Each	335.50
513	Urinal push cook 15 mm - s 2410 col/gold	Each	394.90
514	Urinal push cook 15 mm - s 2410 spl/goldcp	Each	438.90
515	Urinal push cook 15 mm - s 2410 gold	Each	515.90
516	Pillar cock deluxe s 2000 15mm	Each	339.90
517	Pillar cock regular s 2001 15mm	Each	408.10
518	Bib cock with flange s 2002 15mm	Each	331.10
519	Bib cock long nose with flange s 2003 15mm	Each	447.70
520	Bib cock long body straight with flange s 2004 15mm	Each	391.60
521	Concealed stop cock sheet flange s 2007 15mm	Each	409.20
522	Concealed sheet sliding s 2010 15mm	Each	445.50
523	Concealed sheet sliding s 2006 20mm	Each	512.60
524	Concealed casted sliding wall flange s 2009 15mm	Each	531.30
525	Concealed casted sliding wall flange s 2013 20mm	Each	743.60
526	Concealed casted s 2008 15mm	Each	522.50
527	Concealed casted s 2012 20mm	Each	701.80
528	Angle cock with wall flange s 2014 15mm	Each	319.00
529	Angle cock with long thread with flange s 2015 15mm	Each	345.40
530	Angle cock with 18" connection with flange s 2016 15mm	Each	404.80
531	Swan neck (left/right) s 2018 15mm	Each	668.80
532	Sink cock with casted swivel spout with flanges 2019 15mm	Each	649.00
533	Bath cock with wall flange s 2020 15mm	Each	679.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
534	Two way bib cock with flange s 2021 15mm	Each	522.50
535	Two way angle cock with flange s 2022 15mm	Each	522.50
536	Sink cock table mounted with casted swivel spout s 2023 15mm	Each	653.40
537	Sink cock pipe spout "goose" s 2024 15mm	Each	653.40
538	Central hole basin mixer s 2101 15mm	Each	1358.50
539	Close hole basin mixer s 2102 15mm	Each	1358.50
540	Three hole basin mixer without pop up waste system s 2103 15mm	Each	1578.50
541	Three hole basin with pop up waste system s 8-2103 a 15mm	Each	1881.00
542	Wall mixer with arrangement for telephonic shower s 2105 a 15mm	Each	1546.60
543	Wall mixer non telephonic shower arrangement s 2106 15mm	Each	1274.90
544	Wall mixer with bend for over head shower s 2105 15mm	Each	1599.40
545	Wall mixer with tip ton for telephonic shower arrangement s 2104 15mm	Each	1567.50
546	Wall mixer 3 in 1 for both telephonic shower & overlead shower s 2107 15mm	Each	1881.00
547	Sink mixer with casted swivel spout s 2109 15mm	Each	1196.80
548	Sink mixer table mounted with casted swivel spout s 2111 15mm	Each	1316.70
549	Sink mixer pipe spout "goose" s 2112 15mm	Each	1384.90
550	Four hole bidet mixer with pop up waste system (bottom spray) s 2110 15 mm	Each	2101.00
551	One hole bidet mixer with pop up waste systems 2108 15 mm	Each	1829.30
552	Spout plain with flange s 2201 15mm	Each	533.50
553	Spout plain with flange s 2202 20mm	Each	577.50
554	Spout with flange 9" long s 2203 15mm	Each	669.90
555	Tip ton spout with flange s 2205 15mm	Each	875.60
556	Shower arm with wall range s 2306 15mm	Each	267.30
557	Sona shower s 2305 15mm	Each	368.50
558	Tushar shower s 2304 15mm	Each	363.00
559	Flush valve without elbow bend s 2401 32mm	Each	1719.30
560	Flush valve with elbow blend & wall falnge s 2402 32 mm	Each	1959.10
561	Two way bvertor with flange s 2501 15 mm	Each	962.50
562	Four way owertor with nrv s 2503 15mm	Each	1499.30
563	Four way fflvertor with nrv extended for duct provision s 2504 15mm	Each	1992.10
564	Concealed casted sliding extended for duct s 2505	Each	911.90

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	15mm		
565	Piller cock sy 101 cp	Each	418.00
566	Piller cock sy 101 col/cp	Each	556.60
567	Piller cock sy 101 col/gold	Each	655.60
568	Piller cock sy 101 spl/gold	Each	728.20
569	Piller cock sy 101 gold	Each	856.90
570	Bib cock with flange sy 102 cp	Each	402.60
571	Bib cock with flange sy 102 col/cp	Each	551.10
572	Bib cock with flange sy 102 col/gold	Each	647.90
573	Bib cock with flange sy 102 spl/gold	Each	719.40
574	Bib cock with flange sy 102 gold	Each	847.00
575	Bib cock long nose with flange sy 103 cp	Each	522.50
576	Bib cock long nose with flange sy 103 col/cp	Each	697.40
577	Bib cock long nose with flange sy 103 col/gold	Each	819.50
578	Bib cock long nose with flange sy 103 spl/gold	Each	909.70
579	Bib cock long nose with flange sy 103 gold	Each	1071.40
580	Stop cock male/female sy 105 cp	Each	376.20
581	Stop cock male/female sy 105 col/cp	Each	501.60
582	Stop cock male/female sy 105 col/gold	Each	590.70
583	Stop cock male/female sy 105 spl/gold	Each	655.60
584	Stop cock male/female sy 105 gold	Each	771.10
585	Concealed casted 15 mm with adjustable w/f sy 106 cp	Each	587.40
586	Concealed casted 15 mm with adjustable w/f sy 106 col/cp	Each	783.20
587	Concealed casted 15 mm with adjustable w/f sy 106 col/gold	Each	920.70
588	Concealed casted 15 mm with adjustable w/f sy 106 spl/gold	Each	1023.00
589	Concealed casted 15 mm with adjustable w/f sy 106 gold	Each	1203.40
590	Concealed casted 20mm with adjustable w/f sy 107 cp	Each	796.40
591	Concealed casted 20mm with adjustable w/f sy 107 col/cp	Each	1061.50
592	Concealed casted 20mm with adjustable w/f sy 107 col/gold	Each	1248.50
593	Concealed casted 20mm with adjustable w/f sy 107 spl/gold	Each	1388.20
594	Concealed casted 20mm with adjustable w/f sy 107 gold	Each	1632.40
595	Concealed casted heavy 20mm with adjustable w/f sy 107a cp	Each	847.00
596	Concealed casted heavy 20mm with adjustable w/f sy	Each	1129.70

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	107a col/cp		
597	Concealed casted heavy 20mm with adjustable w/f sy 107a col/gold	Each	1328.80
598	Concealed casted heavy 20mm with adjustable w/f sy 107a spl/gold	Each	1476.20
599	Concealed casted heavy 20mm with adjustable w/f sy 107a gold	Each	1738.00
600	Angle cock with wall flange sy 100 cp	Each	376.20
601	Angle cock with wall flange sy 100 col/cp	Each	501.60
602	Angle cock with wall flange sy 100 col/gold	Each	590.70
603	Angle cock with wall flange sy 100 spl/gold	Each	655.60
604	Angle cock with wall flange sy 100 gold	Each	771.10
605	Angle cock with 18" connection & flange sy 100a cp	Each	540.10
606	Angle cock with 18" connection & flange sy 100a col/cp	Each	721.60
607	Angle cock with 18" connection & flange sy 100a col/gold	Each	848.10
608	Angle cock with 18" connection & flange sy 100a spl/gold	Each	942.70
609	Angle cock with 18" connection & flange sy 100a gold	Each	1108.80
610	Two way angle cock with flange sy 100b cp	Each	731.50
611	Two way angle cock with flange sy 100b col/cp	Each	974.60
612	Two way angle cock with flange sy 100b col/gold	Each	1147.30
613	Two way angle cock with flange sy 100b spl/gold	Each	1274.90
614	Two way angle cock with flange sy 100b gold	Each	1499.30
	Swan neck (left/right) sy 111 cp	Each	763.40
615	Swan neck (left/right) sy 111 col/cp	Each	1016.40
616	Swan neck (left/right) sy 111 col/gold	Each	1196.80
617	Swan neck (left/right) sy 111 spl/gold	Each	1328.80
618	Swan neck (left/right) sy 111 gold	Each	1564.20
619	Sink cock with casted swivel spout sy 112 cp	Each	721.60
620	Sink cock with casted swivel spout sy 112 col/cp	Each	961.40
621	Sink cock with casted swivel spout sy 112 col/gold	Each	1130.80
622	Sink cock with casted swivel spout sy 112 spl/gold	Each	1256.20
623	Sink cock with casted swivel spout sy 112 gold	Each	1478.40
624	Bib cock surgical with flange sy 114 cp	Each	772.20
625	Bib cock surgical with flange sy 114 col/cp	Each	1029.60
626	Bib cock surgical with flange sy 114 col/gold	Each	1211.10
627	Bib cock surgical with flange sy 114 spl/gold	Each	1346.40
628	Bib cock surgical with flange sy 114 gold	Each	1584.00
629	Pillar cock surgical sy 115 cp	Each	718.30
630	Pillar cock surgical sy 115 col/cp	Each	957.00
631	Pillar cock surgical sy 115 col/gold	Each	1126.40

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
632	Pillar cock surgical sy 115 spl/gold	Each	1250.70
633	Pillar cock surgical sy 115 gold	Each	1472.90
634	Two way bib cock with flange sy 116 cp	Each	731.50
635	Two way bib cock with flange sy 116 col/cp	Each	974.60
636	Two way bib cock with flange sy 116 col/gold	Each	1147.30
637	Two way bib cock with flange sy 116 spl/gold	Each	1274.90
638	Two way bib cock with flange sy 116 gold	Each	1499.30
639	Bib cock tip ton with wall flange sy 116a cp	Each	731.50
640	Bib cock tip ton with wall flange sy 116a col/cp	Each	974.60
641	Bib cock tip ton with wall flange sy 116a spl/gold	Each	1147.30
642	Bib cock tip ton with wall flange sy 116a spl/gold	Each	1274.90
643	Bib cock tip ton with wall flange sy 116a gold	Each	1499.30
644	Swan neck with casted swivel spout sy 118 cp	Each	805.20
645	Swan neck with casted swivel spout sy 118 col/cp	Each	1073.60
646	Swan neck with casted swivel spout sy 118 col/gold	Each	1262.80
647	Swan neck with casted swivel spout sy 118 spl/gold	Each	1402.50
648	Swan neck with casted swivel spout sy 118 gold	Each	1650.00
649	Sink cock table top with casted swivel spout sy 119 cp	Each	757.90
650	Sink cock table top with casted swivel spout sy 119 col/cp	Each	1010.90
651	Sink cock table top with casted swivel spout sy 119 col/gold	Each	1188.00
652	Sink cock table top with casted swivel spout sy 119 spl/gold	Each	1320.00
653	Sink cock table top with casted swivel spout sy 119 gold	Each	1554.30
654	Cental hole basin mixer sy 121 cp	Each	1468.50
655	Cental hole basin mixer sy 121 col/cp	Each	1956.90
656	Cental hole basin mixer sy 121 col/gold	Each	2303.40
657	Cental hole basin mixer sy 121 spl/gold	Each	2559.70
658	Cental hole basin mixer sy 121 gold	Each	3010.70
659	3 tap hole basin mixer w/o pop up waste system sy 122 cp	Each	1677.50
660	3 tap hole basin mixer w/o pop up waste system sy 122 col/cp	Each	2236.30
661	3 tap hole basin mixer w/o pop up waste system sy 122 col/gold	Each	2631.20
662	3 tap hole basin mixer w/o pop up waste system sy 122 spl/gold	Each	2922.70
663	3 tap hole basin mixer w/o pop up waste system sy 122 gold	Each	3438.60
664	3 top hole with pop up waste system sy 134 cp	Each	2088.90
665	3 top hole with pop up waste system sy 134 col/cp	Each	2769.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
666	3 top hole with pop up waste system sy 134 col/gold	Each	3258.20
667	3 top hole with pop up waste system sy 134 spl/gold	Each	3621.20
668	3 top hole with pop up waste system sy 134 gold	Each	4259.20
669	Wall mixer with bend for over head shower sy 123 cp	Each	1868.90
670	Wall mixer with bend for over head shower sy 123 col/cp	Each	2491.50
671	Wall mixer with bend for over head shower sy 123 col/gold	Each	2931.50
672	Wall mixer with bend for over head shower sy 123 spl/gold	Each	3256.00
673	Wall mixer with bend for over head shower sy 123 gold	Each	3831.30
674	Wall mixer with arrangement for telephonic shower sy 124 cp	Each	1779.80
675	Wall mixer with arrangement for telephonic shower sy 124 col/cp	Each	2372.70
676	Wall mixer with arrangement for telephonic shower sy 124 col/gold	Each	2790.70
677	Wall mixer with arrangement for telephonic shower sy 124 spl/gold	Each	3102.00
678	Wall mixer with arrangement for telephonic shower sy 124 gold	Each	3648.70
679	Wall mixer tip ton for telephonic shower arrangement sy 125 cp	Each	1779.80
680	Wall mixer tip ton for telephonic shower arrangement sy 125 col/cp	Each	2372.70
681	Wall mixer tip ton for telephonic shower arrangement sy 125 col/gold	Each	2790.70
682	Wall mixer tip ton for telephonic shower arrangement sy 125 spl/gold	Each	3102.00
683	Wall mixer tip ton for telephonic shower arrangement sy 125 gold	Each	3648.70
684	Wall mixer non telephonic shower system sy 126 cp	Each	1346.40
685	Wall mixer non telephonic shower system sy 126 col/cp	Each	1794.10
686	Wall mixer non telephonic shower system sy 126 col/gold	Each	2110.90
687	Wall mixer non telephonic shower system sy 126 spl/gold	Each	2346.30
688	Wall mixer non telephonic shower system sy 126 gold	Each	2759.90
689	Wall mixer 2 in i for both telephonic shower & o/s sy 127 cp	Each	2321.00
690	Wall mixer 2 in i for both telephonic shower & o/s sy 127 col/cp	Each	3094.30

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
691	Wall mixer 2 in i for both telephonic shower & o/s sy 127 col/gold	Each	3641.00
692	Wall mixer 2 in i for both telephonic shower & o/s sy 127 spl/gold	Each	4044.70
693	Wall mixer 2 in i for both telephonic shower & o/s sy 127 gold	Each	4758.60
694	Sink mixer with casted swivel spout sy 126 cp	Each	1346.40
695	Sink mixer with casted swivel spout sy 126 col/cp	Each	1794.10
696	Sink mixer with casted swivel spout sy 126 col/gold	Each	2110.90
697	Sink mixer with casted swivel spout sy 126 spl/gold	Each	2346.30
698	Sink mixer with casted swivel spout sy 126 gold	Each	2759.90
699	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 cp	Each	2330.90
700	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 col/cp	Each	3108.60
701	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 col/gold	Each	3657.50
702	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 spl/gold	Each	4063.40
703	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 gold	Each	4780.60
704	One hole bidet mixer with pop up waste system sy131 cp	Each	1997.60
705	One hole bidet mixer with pop up waste system sy131 col/cp	Each	2664.20
706	One hole bidet mixer with pop up waste system sy131 col/gold	Each	3133.90
707	One hole bidet mixer with pop up waste system sy131 spl/gold	Each	3481.50
708	One hole bidet mixer with pop up waste system sy131 gold	Each	4097.50
709	Single hole sink mixer table top with waste system sy 132 cp	Each	1453.10
710	Single hole sink mixer table top with waste system sy 132 col/cp	Each	1936.00
711	Single hole sink mixer table top with waste system sy 132 col/gold	Each	2278.10
712	Single hole sink mixer table top with waste system sy 132 spl/gold	Each	2531.10
713	Single hole sink mixer table top with waste system sy 132 gold	Each	2978.80
714	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 cp	Each	1954.70
715	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 col/cp	Each	2607.00

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
716	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 col/gold	Each	3066.80
717	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 spl/gold	Each	3407.80
718	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 gold	Each	4009.50
719	Spout up ton with flange sy 141 cp	Each	1042.80
720	Spout up ton with flange sy 141 col/cp	Each	1390.40
721	Spout up ton with flange sy 141 col/gold	Each	1635.70
722	Spout up ton with flange sy 141 spl/gold	Each	1817.20
723	Spout up ton with flange sy 141 gold	Each	2138.40
724	Spout plain with flange sy 142 cp	Each	695.20
725	Spout plain with flange sy 142 col/cp	Each	927.30
726	Spout plain with flange sy 142 col/gold	Each	1090.10
727	Spout plain with flange sy 142 spl/gold	Each	1211.10
728	Spout plain with flange sy 142 gold	Each	1425.60
729	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 cp	Each	740.30
730	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 col/cp	Each	985.60
731	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 col/gold	Each	1160.50
732	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 spl/gold	Each	1288.10
733	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 gold	Each	1515.80
734	Bell shower sy 155 cp	Each	387.20
735	Bell shower sy 155 col/cp	Each	515.90
736	Bell shower sy 155 col/gold	Each	607.20
737	Bell shower sy 155 spl/gold	Each	675.40
738	Bell shower sy 155 gold	Each	794.20
739	Shower arm with flange cp	Each	315.70
740	Shower arm with flange col/cp	Each	421.30
741	Shower arm with flange col/gold	Each	495.00
742	Shower arm with flange spl/gold	Each	551.10
743	Shower arm with flange gold	Each	647.90
744	Flush valve with elbow bend 32mm & wall range sy 161 cp	Each	2126.30
745	Flush valve with elbow bend 32mm & wall range sy 161 col/cp	Each	2834.70

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
746	Flush valve with elbow bend 32mm & wall range sy 161 col/gold	Each	3335.20
747	Flush valve with elbow bend 32mm & wall range sy 161 spl/gold	Each	3705.90
748	Flush valve with elbow bend 32mm & wall range sy 161 gold	Each	4359.30
749	Flush valve with out elbow bend 32mm sy 162 cp	Each	1840.30
750	Flush valve with out elbow bend 32mm sy 162 col/cp	Each	2454.10
751	Flush valve with out elbow bend 32mm sy 162 col/gold	Each	2886.40
752	Flush valve with out elbow bend 32mm sy 162 spl/gold	Each	3207.60
753	Flush valve with out elbow bend 32mm sy 162 gold	Each	3773.00
754	Flush cock half turn 25mm cp	Each	1045.00
755	Flush cock half turn 25mm col/cp	Each	1392.60
756	Flush cock half turn 25mm col/gold	Each	1640.10
757	Flush cock half turn 25mm spl/gold	Each	1821.60
758	Flush cock half turn 25mm gold	Each	2142.80
759	Two way diverter with flange sy 172 cp	Each	976.80
760	Two way diverter with flange sy 172 col/cp	Each	1302.40
761	Two way diverter with flange sy 172 col/gold	Each	1532.30
762	Two way diverter with flange sy 172 spl/gold	Each	1702.80
763	Two way diverter with flange sy 172 gold	Each	2003.10
764	Four way diverter with nrv sy 173 cp	Each	1584.00
765	Four way diverter with nrv sy 173 col/cp	Each	2113.10
766	Four way diverter with nrv sy 173 col/gold	Each	2484.90
767	Four way diverter with nrv sy 173 spl/gold	Each	2761.00
768	Four way diverter with nrv sy 173 gold	Each	3249.40
769	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 cp	Each	2853.40
770	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 col/cp	Each	3803.80
771	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 col/gold	Each	4474.80
772	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 spl/gold	Each	4972.00
773	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 gold	Each	5849.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
774	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 cp	Each	3187.80
775	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 col/cp	Each	4250.40
776	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 col/gold	Each	4999.50
777	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 spl/gold	Each	5553.90
778	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 gold	Each	6535.10
779	Single lever concealed divertor for bath & over head shower system sy 182 cp	Each	3187.80
780	Single lever concealed divertor for bath & over head shower system sy 182 col/cp	Each	4250.40
781	Single lever concealed divertor for bath & over head shower system sy 182 col/gold	Each	4999.50
782	Single lever concealed divertor for bath & over head shower system sy 182 spl/gold	Each	5553.90
783	Single lever concealed divertor for bath & over head shower system sy 182 gold	Each	6535.10
784	Single lever wall mixer with telephonic shower arrangement sy 183 cp	Each	4075.50
785	Single lever wall mixer with telephonic shower arrangement sy 183 col/cp	Each	5434.00
786	Single lever wall mixer with telephonic shower arrangement sy 183 col/gold	Each	6393.20
787	Single lever wall mixer with telephonic shower arrangement sy 183 spl/gold	Each	7102.70
788	Single lever wall mixer with telephonic shower arrangement sy 183 gold	Each	8356.70
789	Single lever sink mixer with casted swivel spout sy 184 cp	Each	3749.90
790	Single lever sink mixer with casted swivel spout sy 184 col/cp	Each	4999.50
791	Single lever sink mixer with casted swivel spout sy 184 col/gold	Each	5881.70
792	Single lever sink mixer with casted swivel spout sy 184 spl/gold	Each	6534.00
793	Single lever sink mixer with casted swivel spout sy 184 gold	Each	7687.90
794	Single lever bidet mixer with pop up waste system sy 186 cp	Each	3748.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
795	Single lever bidet mixer with pop up waste system sy 186 col/cp	Each	4998.40
796	Single lever bidet mixer with pop up waste system sy 186 col/gold	Each	5880.60
797	Single lever bidet mixer with pop up waste system sy 186 spl/gold	Each	6531.80
798	Single lever bidet mixer with pop up waste system sy 186 gold	Each	7685.70
799	Single lever concealed divertor extended (quotable) sy 187 cp	Each	3902.80
800	Single lever concealed divertor extended (quotable) sy 187 col/cp	Each	5204.10
801	Single lever concealed divertor extended (quotable) sy 187 col/gold	Each	6122.60
802	Single lever concealed divertor extended (quotable) sy 187 spl/gold	Each	6802.40
803	Single lever concealed divertor extended (quotable) sy 187 gold	Each	8003.60
804	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 cp	Each	3462.80
805	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 col/cp	Each	4617.80
806	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 col/gold	Each	5431.80
807	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 spl/gold	Each	6034.60
808	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 gold	Each	7100.50
809	Towel rail sy 191 cp	Each	632.50
810	Towel rail sy 191 col/cp	Each	842.60
811	Towel rail sy 191 col/gold	Each	992.20
812	Towel rail sy 191 spl/gold	Each	1101.10
813	Towel rail sy 191 gold	Each	1295.80
814	Towel ring sy 192 cp	Each	385.00
815	Towel ring sy 192 col/cp	Each	512.60
816	Towel ring sy 192 col/gold	Each	603.90
817	Towel ring sy 192 spl/gold	Each	671.00
818	Towel ring sy 192 gold	Each	788.70
819	Soap dish sy 193 cp	Each	454.30
820	Soap dish sy 193 col/cp	Each	606.10
821	Soap dish sy 193 col/gold	Each	713.90
822	Soap dish sy 193 spl/gold	Each	793.10
823	Soap dish sy 193 gold	Each	932.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
824	Tooth brush holder sy 194 cp	Each	420.20
825	Tooth brush holder sy 194 col/cp	Each	559.90
826	Tooth brush holder sy 194 col/gold	Each	658.90
827	Tooth brush holder sy 194 spl/gold	Each	732.60
828	Tooth brush holder sy 194 gold	Each	862.40
829	Toilet paper holder sy 194 cp	Each	475.20
830	Toilet paper holder sy 194 col/cp	Each	634.70
831	Toilet paper holder sy 194 col/gold	Each	745.80
832	Toilet paper holder sy 194 spl/gold	Each	828.30
833	Toilet paper holder sy 194 gold	Each	974.60
834	Robe hook sy 195 cp	Each	280.50
835	Robe hook sy 195 col/cp	Each	372.90
836	Robe hook sy 195 col/gold	Each	438.90
837	Robe hook sy 195 spl/gold	Each	488.40
838	Robe hook sy 195 gold	Each	575.30
839	Bath set complete sy 196 cp	Each	2638.90
840	Bath set complete sy 196 col/cp	Each	3518.90
841	Bath set complete sy 196 col/gold	Each	4139.30
842	Bath set complete sy 196 spl/gold	Each	4598.00
843	Bath set complete sy 196 gold	Each	5410.90
844	Towel rack 18 " sy 197 cp	Each	1113.20
845	Towel rack 18 " sy 197 col/cp	Each	1482.80
846	Towel rack 18 " sy 197 col/gold	Each	1745.70
847	Towel rack 18 " sy 197 spl/gold	Each	1938.20
848	Towel rack 18 " sy 197 gold	Each	2281.40
849	Towel rack 24 " sy 197a cp	Each	1327.70
850	Towel rack 24 " sy 197a col/cp	Each	1769.90
851	Towel rack 24 " sy 197a col/gold	Each	2082.30
852	Towel rack 24 " sy 197a spl/gold	Each	2313.30
853	Towel rack 24 " sy 197a gold	Each	2722.50
854	Counted mounted soap dish sy 199 cp	Each	885.50
855	Counted mounted soap dish sy 199 col/cp	Each	1180.30
856	Counted mounted soap dish sy 199 col/gold	Each	1389.30
857	Counted mounted soap dish sy 199 spl/gold	Each	1542.20
858	Counted mounted soap dish sy 199 gold	Each	1815.00
859	Toilet paper with brass cover sy 201 cp	Each	826.10
860	Toilet paper with brass cover sy 201 col/cp	Each	1101.10
861	Toilet paper with brass cover sy 201 col/gold	Each	1295.80
862	Toilet paper with brass cover sy 201 spl/gold	Each	1439.90
863	Toilet paper with brass cover sy 201 gold	Each	1694.00
864	Grab 8 ar 9" sy 200 cp	Each	708.40
865	Grab 8 ar 9" sy 200 col/cp	Each	943.80

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
866	Grab 8 ar 9" sy 200 col/gold	Each	1111.00
867	Grab 8 ar 9" sy 200 spl/gold	Each	1234.20
868	Grab 8 ar 9" sy 200 gold	Each	1452.00
	PRINCE/SUDHAKAR PVC/SWR PIPES & FITTINGS (OR EQUIVALENT)		
	Prince/ Sudhakar make or equivalent quality PVC /SWR pipes & fittings (asper ISI standards) 4kg/cm2		
869	75 mm dia 3 M Single Socket pipe	Each	174.60
870	90 mm dia 3 M single socket pipe	Each	277.50
871	110 mm dia 3 M Single socket pipe	Each	331.90
872	75 mm dia 3 M Double socket pipe	Each	197.50
873	90 mm dia 3 M Double socket pipe	Each	314.90
874	110 mm dia 3 M Double socket pipe	Each	384.30
875	75 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	122.30
876	90 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	190.30
877	110 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	235.20
878	75 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	130.60
879	90 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	200.60
880	110 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	244.60
881	75 mm dia 1219. mm (4'-0") Double Socket pipe	Each	90.40
882	90 mm dia 1219. mm (4'-0") Double Socket pipe	Each	138.10
883	110 mm dia 1219. mm (4'-0") Double Socket pipe	Each	166.80
884	75 mm dia 914.4mm (3'-0") Double Socket pipe	Each	76.00
885	90 mm dia 914.4mm (3'-0") Double Socket pipe	Each	112.20
886	110 mm dia 914.4mm (3'-0") Double Socket pipe	Each	143.80
887	75 mm dia 609.6mm (2'-0") Double Socket pipe	Each	45.10
888	90 mm dia 609.6mm (2'-0") Double Socket pipe	Each	77.10
889	110 mm dia 609.6mm (2'-0") Double Socket pipe	Each	95.90
890	160 MM dia 3 M Double socket pipe	Each	788.90
	Prince/ Sudhakar make or equivalent quality PVC /SWR pipes & fittings (asper ISI standards) 6kg/cm2		
891	75 mm dia 3 M Single Socket pipe	Each	296.20
892	90 mm dia 3 M single socket pipe	Each	476.30
893	110 mm dia 3 M Single socket pipe	Each	566.90
894	75 mm dia 3 M Double socket pipe	Each	323.30
895	90 mm dia 3 M Double socket pipe	Each	513.30
896	110 mm dia 3 M Double socket pipe	Each	626.00
897	75 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	193.90
898	90 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	302.20
899	110 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	359.20
900	75 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	206.90

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
901	90 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	314.30
902	110 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	388.20
903	75 mm dia 1219. mm (4'-0") Double Socket pipe	Each	140.40
904	90 mm dia 1219. mm (4'-0") Double Socket pipe	Each	217.50
905	110 mm dia 1219. mm (4'-0") Double Socket pipe	Each	264.70
906	75 mm dia 914.4mm (3'-0") Double Socket pipe	Each	120.80
907	90 mm dia 914.4mm (3'-0") Double Socket pipe	Each	176.90
908	110 mm dia 914.4mm (3'-0") Double Socket pipe	Each	214.40
909	75 mm dia 609.6mm (2'-0") Double Socket pipe	Each	77.90
910	90 mm dia 609.6mm (2'-0") Double Socket pipe	Each	121.70
911	110 mm dia 609.6mm (2'-0") Double Socket pipe	Each	154.60
912	160 mm dia 3 M Double socket pipe	Each	1290.30
	Prince/ Sudhakar make or equivalent quality U.V resistant UPVC) SWR pipe fittings (as per ISI standards)		
	Plain Bend 87.5 Degrees.		
913	75 mm dia	Each	33.60
914	90 mm dia	Each	48.40
915	110 mm dia	Each	56.40
	Door Bend 87.5 Degrees.		
916	75 mm dia	Each	45.80
917	90 mm dia	Each	64.80
918	110 mm dia	Each	72.40
	45 Degree Bend		
919	75 mm dia	Each	26.10
920	90 mm dia	Each	37.50
921	110 mm dia	Each	48.30
	Cleaning Pipe		
922	75 mm dia	Each	45.70
923	90 mm dia	Each	66.60
924	110 mm dia	Each	80.90
	Single Tee		
925	75 mm dia	Each	40.60
926	90 mm dia	Each	60.70
927	110 mm dia	Each	73.70
	Single Tee (With Door)		
928	75 mm dia	Each	48.70
929	90 mm dia	Each	73.50
930	110 mm dia	Each	88.80
	Doube Tee		
931	75 mm dia	Each	85.80
932	90 mm dia	Each	124.90

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
933	110 mm dia	Each	176.90
	Doube Tee (With Door)		
934	75 mm dia	Each	136.20
935	90 mm dia	Each	195.00
936	110 mm dia	Each	201.90
	Single ' Y'		
937	75 mm dia	Each	50.30
938	90 mm dia	Each	81.10
939	110 mm dia	Each	93.40
	Single ' Y' (With Door)		
940	75 mm dia	Each	64.10
941	90 mm dia	Each	100.70
942	110 mm dia	Each	117.60
	Double ' Y'		
943	75 mm dia	Each	70.10
944	90 mm dia	Each	108.40
945	110 mm dia	Each	123.00
	Double ' Y' (With Door)		
946	75 mm dia	Each	90.30
947	90 mm dia	Each	140.70
948	110 mm dia	Each	158.20
	Coupler		
949	75 mm dia	Each	24.60
950	90 mm dia	Each	34.90
951	110 mm dia	Each	39.20
	Reducer		
952	90 x 75 mm dia	Each	40.90
953	110 x 75 mm dia	Each	39.40
954	90 x 110 mm dia	Each	54.50
	Vent Cowl		
955	63 mm dia	Each	6.70
956	75 mm dia	Each	8.80
957	90 mm dia	Each	11.30
958	110 mm dia	Each	12.40
	Pipe Clip		
959	40 mm dia	Each	7.90
960	50 mm dia	Each	8.70
961	63 mm dia	Each	8.70
962	75 mm dia	Each	9.90
963	90 mm dia	Each	11.00
964	110 mm	Each	12.20
965	160 mm dia	Each	24.40

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	P Trap		
966	P' Trap (Small without Airvent) 110 mm	Each	129.50
967	P' Trap (Small with Airvent) 110 mm	Each	142.20
968	P' Trap (Big with Airvent) 110 mm	Each	162.90
969	P' Trap (Big without Airvent) 110 mm	Each	149.80
970	Floor Trap (Bell Mouth) 110 mm	Each	154.10
971	Bell Mouth Trap 7 " (177.8 mm)	Each	226.50
972	4" (101.6 mm) Nahani Trap (Without Jali with inlet)	Each	77.40
973	3" (76.2 mm) Nahani Trap (without Jali without inlet)	Each	59.60
974	4" (101.6 mm) Nahani Trap (without inlet with out Jali)	Each	73.30
975	Mini Trap	Each	36.50
976	3" (76.2 mm) nahani Trap with Jali	Each	70.30
977	4" (101.6 mm) multi floor trap with jali	Each	98.70
978	4" (101.6) multi floor trap with out jali	Each	77.10
979	Round Jali	Each	16.50
980	Square tile & jali	Each	26.30
981	Pipe connector (with LIP ring)	Each	103.10
982	Pipe connector (with out LIP ring)	Each	80.10
	Floor Traps		
983	4" (101.6 mm) Floor Trap	Each	94.40
984	5" (127.mm) floor Trap	Each	100.30
	Door cap		
985	75 mm dia	Each	38.90
986	90 mm dia	Each	43.20
987	110 mm dia	Each	49.60
	Socket Plug		
988	75 mm dia	Each	36.20
989	90 mm dia	Each	41.80
990	110 mm dia	Each	43.20
	Rubber Ring for socket		
991	75 mm dia	Each	5.30
992	90 mm dia	Each	6.70
993	110 mm dia	Each	7.90
	Door Socket		
994	75 mm dia	Each	6.30
995	90 mm dia	Each	7.90
996	110 mm dia	Each	8.70
997	LIP ring 110 mm	Each	47.20
	Rubber Lubricant		

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
998	100 Grams	Each	20.20
999	250 Grams	Each	44.40
1000	500 Grams	Each	80.90
1001	1000 Grams	Each	149.60
1002	P' Trap with lip Ring	Each	204.50
	Solvent Cement		
1003	50 ml	Each	10.30
1004	100 ml	Each	17.70
1005	250 ml	Each	41.10
1006	500 ml	Each	79.00
1007	1000 ml	Each	154.10
	Internal Reducer.		
1008	110mm x 90 mm	Each	61.40
1009	160 mm x 110 mm	Each	153.30
	CENTIFUGAL CAST IRON PIPES & FITTINGS AS PER IS : 3989 - 1984		
	Note : Sales Tax and Excise duties extra		
	CI (spun) soils Waste & Ventilating pipe (3 M)		
1010	75 mm dia	Each	762.30
1011	100 mm dia	Each	1016.40
1012	150 mm dia	Each	1863.40
	CI (spun) soils Waste & Ventilating pipe (3 M) Double socket		
1013	75 mm dia	Each	847.00
1014	100 mm dia	Each	1143.50
	9 feet (2743.2 mm) pipes		
1015	75 mm dia	Each	687.30
1016	100 mm dia	Each	916.00
	8 feet (2438.4 mm) pipes		
1017	75 mm dia	Each	613.50
1018	100 mm dia	Each	816.80
	6 feet (1828.8 mm) pipes		
1018	75 mm dia	Each	499.70
1019	100 mm dia	Each	652.20
	6 feet (1828.8 mm) pipes Double socket		
1020	75 mm dia	Each	525.10
1021	100 mm dia	Each	652.20
	Cut pipes (pieces) 1 foot (304.8 mm)		
1022	75 mm dia	Each	118.60
1023	100 mm dia	Each	127.10
	Cut pipes (pieces) 1'.6" (457.2 mm)		
1024	75 mm dia	Each	160.90

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
1025	100 mm dia	Each	186.30
1026	150 mm dia	Each	354.50
	Cut pipes (pieces) 2 feet (609.6 mm)		
1027	75 mm dia	Each	220.20
1028	100 mm dia	Each	245.60
1029	150 mm dia	Each	441.70
	Cut pipes (pieces) 3 feet (914.4 mm)		
1030	75 mm dia	Each	279.50
1031	100 mm dia	Each	338.80
	Cut pipes (pieces) 4 feet (1219.2 mm)		
1032	75 mm dia	Each	313.40
1033	100 mm dia	Each	440.40
	Plain Bend		
1034	75 mm dia	Each	100.40
1035	100 mm dia	Each	131.90
1036	150 mm dia	Each	288.00
	Door Bend		
1037	75 mm dia	Each	117.40
1038	100 mm dia	Each	152.50
1039	150 mm dia	Each	318.20
	Plain Bend 45 Degrees.		
1040	75 mm dia	Each	101.60
1041	100 mm dia	Each	118.60
1042	150 mm dia	Each	254.10
	Door Bend 45 Degrees.		
1043	75 mm dia	Each	115.00
1044	100 mm dia	Each	135.50
1045	150 mm dia	Each	267.40
1046	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia	Each	231.10
1047	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia	Each	267.40
	Heel Rest Bend		
1048	75 mm dia	Each	118.60
1049	100 mm dia	Each	152.50
1050	150 mm dia	Each	318.20
	Single Branch Plain "T"		
1051	75 mm dia	Each	150.00
1052	100 mm dia	Each	199.70
1053	150 mm dia	Each	415.00
	Single Branch Door "T"		
1054	75 mm dia	Each	169.40

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
1055	100 mm dia	Each	225.10
1056	150 mm dia	Each	448.90
	Single Branch plain "Y"		
1057	75 mm dia	Each	169.40
1058	100 mm dia	Each	228.70
1059	150 mm dia	Each	513.00
	Single Branch Door "Y"		
1060	75 mm dia	Each	186.30
1061	100 mm dia	Each	254.10
1062	150 mm dia	Each	542.10
	Double Branch Plain "T"		
1063	75 mm dia	Each	199.70
1064	100 mm dia	Each	271.00
	Double Branch Door "T"		
1065	75 mm dia	Each	225.10
1066	100 mm dia	Each	279.50
	Double Branch Plain " Y"		
1067	75 mm dia	Each	225.10
1068	100 mm dia	Each	301.30
	Double Branch Door " Y"		
1069	75 mm dia	Each	237.20
1070	100 mm dia	Each	326.70
	Shoe bend		
1071	75 mm dia	Each	98.00
1072	100 mm dia	Each	118.60
1073	150 mm dia	Each	254.10
	Collar		
1074	75 mm dia	Each	98.00
1075	100 mm dia	Each	118.60
1076	150 mm dia	Each	233.50
	Cowel		
1077	75 mm dia	Each	81.10
1078	100 mm dia	Each	94.40
1079	150 mm dia	Each	211.80
	Offset 3" (76.2 mm) projection		
1080	75 mm dia	Each	115.00
1081	100 mm dia	Each	151.30
1082	150 mm dia	Each	306.10
	Offset 6" (152.4mm) projection		
1083	75 mm dia	Each	128.30
1084	100 mm dia	Each	168.20

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
1085	150 mm dia	Each	347.30
	Long Door Bend		
1086	75 mm dia	Each	288.00
1087	100 mm dia	Each	309.80
	Hand Hole pipe (Inspection pipe)		
1088	75 mm dia	Each	165.80
1089	100 mm dia	Each	225.10
1090	150 mm dia	Each	294.00
	P Traps		
1091	75 mm dia	Each	177.90
1092	100 mm dia	Each	245.60
1093	4" x 3" (101.6 mm x 76.2mm) P. Traps 100 mm dia	Each	254.10
1094	4" x 3" (101.6 mm x 76.2mm) Vent Traps 100 mm dia	Each	254.10
1095	4" x 3" (101.6 mm x 76.2mm) Reducer 75 mm dia	Each	169.40
1096	6" x 4" (152.4 mm x101.6 mm) Reducer 75 mm dia	Each	211.80
1097	3" x 2" (76.2 mm x 50.8 mm) plain T 75 mm dia	Each	174.20
1098	3" x 2" (76.2 mm x 50.8 mm) Door T 75 mm dia	Each	203.30
1099	3" x 2" (76.2 mm x 50.8 mm) Plain Y 75 mm dia	Each	203.30
1100	3" x 2" (76.2 mm x 50.8 mm) Door Y 75 mm dia	Each	203.30
1101	4" x 3" (101.6 mm x 76.2mm) Plain T 75 mm dia	Each	203.30
1102	4" x 3" (101.6 mm x 76.2mm) Door T 75 mm dia	Each	228.70
1103	4" x 3" (101.6 mm x 76.2mm) Plain Y 75 mm dia	Each	228.70
1104	4" x 3" (101.6 mm x 76.2mm) Door Y 75 mm dia	Each	254.10
1105	6" x 4" (152.4 mm x101.6 mm) Plain T 75 mm dia	Each	381.20
1106	6" x 4" (152.4 mm x101.6 mm) Door T 75 mm dia	Each	423.50
1107	6" x 4" (152.4 mm x101.6 mm) Plain Y 75 mm dia	Each	440.40
1108	6" x 4" (152.4 mm x101.6 mm) Door Y 75 mm dia	Each	474.30
	Special Types of Long Fittings		
	Plain " T" 27 " (685.8 mm)		
1109	75 mm dia	Each	499.70
1110	100 mm dia	Each	703.00
	Door "T" 27" (685.8 mm)		
1111	75 mm dia	Each	559.00
1112	100mm dia	Each	770.80
	Plain " Y" 27" (685.8 mm)		
1113	75 mm dia	Each	559.00
1114	100mm dia	Each	770.80
	Door " Y" 27" (685.8 mm)		
1115	75 mm dia	Each	623.20
1116	100mm dia	Each	847.00
	Note : 1) All the items to be used on work are of first quality & ISI and as approved by the Engineer		

S. No	Description of item	Unit	SS Rates for 2006-07
1	2	3	
	Incharge of the work.		
	2) Rates given above are		
	A) Rate for finished item of work		
	B) Labour charges only		
	3) RATES		
	Rates for all varieties of pipes, WC's wash hand basins and othe items are based on market rates plus sales Tax		
	4) LABOUR		
	Labour charges are increased based on proposals and market rates		
	5) Coloured porcelain items:		
	50% extra may be allowed on basic cost of white porcelain items excluding fittings		
	6) SSR rates for Sanitary & water supply items are purely for guidance for the officers for preparation of estimates vide para 113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in para 45 of APPWD code.		

PUBLIC HEALTH ITEMS

PUBLIC HEALTH ITEMS

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
1	RATES OF LABOUR (SKILLED WORKMEN)		
	1. Caulkar	Per Day	As per Common SSR
	2. Plumber 1st Class	Per Day	
	3. Plumber 2nd Class	Per Day	
	4. Sewer Cleaner	Per Day	
	5. Well Sinker	Per Day	
	6. Pipe line Fitter 1st Class	Per Day	
	7. Pipe line Fitter 2nd Class		
	8. Pump Driver	Per Day	
	9. Bore Mechanic	Per Day	
	10. Light Vehicle Driver	Per Day	
	Note: The rate at relevant item in common SSR is applicable for occasional employment		
2	RATES FOR EARTH WORK :		
a.	Earth work excavation in all soils for pipe lines, for drainage and water supply, where the depth is 1.5 times more than the width.		As Per Common SSR
b.	Earth work excavation in all soils for pipe lines, for drainage and water supply, where the depth is less than 1.5 times the width.		
c.	Earth work excavation in all soils for open trenches, for valve pits, inspection chambers, etc.		
3. a.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is 1.5 times more than the width, in places where there is no habitation.		As Per Common SSR
b.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is less than 1.5 times the width, in places where there is no habitation.		
c.	Cutting rock for pipe line trenches by hammers, nuckles and chisels including stacking where the depth is 1.5 times or more than the width.		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
d.	Cutting rock for pipe line trenches by hammers, nuckles and chisels including stacking where the depth is less than 1.5 times the width.		
e.	Cutting rock for works other than pipe lines trenches by hammers, nuckles and chisels including stacking.		
f.	For control blasting at restricted places		25% extra over relevant SSR item
	NOTE :- Rock should be measured in solids. In case it is not possible, stacks should be made in which case 40% for voids to be deducted from the stack measurements.		
4	Loading or unloading materials such as C.I. Pipes, PVC Pipes, AC Pressure Pipes, DI Pipes, SW Pipes, PVC Pipes, A.C/Specials less than 300 mm dia upto 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	58.40
b.	A.C. Pipes & Specials	Per Tonne	48.70
c.	Stoneware pipes & Specials	Per Tonne	48.90
d.	P.V.C. Pipes and fittings	Per Tonne	48.10
5	Loading or unloading materials such as C.I. Pipes, DI pipes, SW pipes, AC pressure pipes & fittings/ specials from 300 mm to 600 mm dia upto 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	73.10
b.	A.C. Pipes & Specials	Per Tonne	66.30
c.	Stoneware pipes & Specials	Per Tonne	66.70
6	Loading or unloading materials such as C.I. Pipes, DI pipes, PVC pipes, AC pipes less than 300 mm dia, above 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	72.10
b.	A.C. Pipes & Specials	Per Tonne	66.30
c.	P.V.C. Pipes and fittings	Per Tonne	65.80
	Note:- For loading and unloading the above materials at Railway Stations, the rates may be adopted based on the competitive quotations or the hammalae charges if prevailing		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
7	Loading or unloading materials such as C.I. Pipes, DI pipes, AC pipes from 300 mm to 600 mm above 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	87.60
b.	A.C. Pipes & Specials	Per Tonne	82.10
8. a.	Lowering the C.I. Pipes, D.I. Pipes and fittings with S/S ends carefully into the trenches and laying them true to alignment and gradient including all sundries, but excluding conveyance from source of supply as per BIS No.3114/85.		
	DIAMETER OF PIPE : (S/S Pipes) in mm :		
	80	Per Metre	13.10
	100	Per Metre	13.10
	125	Per Metre	13.10
	150	Per Metre	13.10
	180	Per Metre	15.10
	200	Per Metre	16.90
	225	Per Metre	18.00
	250	Per Metre	19.10
	300	Per Metre	24.60
	350	Per Metre	44.30
	380	Per Metre	44.80
	400	Per Metre	46.80
	450	Per Metre	54.60
	500	Per Metre	58.90
	530	Per Metre	67.00
	560	Per Metre	73.40
	600	Per Metre	78.30
	650	Per Metre	81.10
	680	Per Metre	86.10
	700	Per Metre	95.30
	750	Per Metre	110.00
	800	Per Metre	127.60
	900	Per Metre	153.00
	1000	Per Metre	184.80
	1100	Per Metre	219.60
	1200	Per Metre	257.60

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
8. b.	Lowering the C.I. Pipes, D.I. Pipes and fittings with flanged ends carefully into the trenches and laying them true to alignment and gradient including all sundries, but excluding conveyance from source of supply as per BIS No.3114/85.		
	DIAMETER OF PIPE : (D/F Pipes) in mm :		
	80	Per Metre	16.00
	100	Per Metre	16.00
	125	Per Metre	16.00
	150	Per Metre	16.70
	180	Per Metre	17.10
	200	Per Metre	18.70
	225	Per Metre	20.00
	250	Per Metre	21.30
	300	Per Metre	27.20
	350	Per Metre	48.70
	380	Per Metre	50.20
	400	Per Metre	53.90
	450	Per Metre	59.90
	500	Per Metre	62.60
	530	Per Metre	69.90
	560	Per Metre	75.20
	600	Per Metre	81.90
	650	Per Metre	84.00
	680	Per Metre	90.80
	700	Per Metre	104.70
	750	Per Metre	118.30
	800	Per Metre	145.10
	900	Per Metre	175.40
	1000	Per Metre	207.70
	1100	Per Metre	243.70
	1200	Per Metre	284.00

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
9. a.	Jointing the C.I. / DI Pipes & fittings with S/S ends excluding cost of jointing materials such as lead or lead wool and hemp yarn but including sundries such as cost of fuel for melting lead, filling with water, with a water lead upto 500 m and testing to required pressure etc, complete as BIS No.3114/85		
	DIAMETER OF PIPE : (S/S Pipes) in mm :		
	80	Each Joint	42.50
	100	Each Joint	45.60
	125	Each Joint	65.60
	150	Each Joint	68.50
	180	Each Joint	79.50
	200	Each Joint	89.60
	225	Each Joint	101.10
	250	Each Joint	111.60
	300	Each Joint	131.00
	350	Each Joint	143.40
	380	Each Joint	164.40
	400	Each Joint	186.60
	450	Each Joint	207.40
	500	Each Joint	220.10
	530	Each Joint	239.00
	560	Each Joint	258.20
	600	Each Joint	296.30
	650	Each Joint	316.60
	680	Each Joint	321.80
	700	Each Joint	330.00
	750	Each Joint	359.80
	800	Each Joint	385.20
	900	Each Joint	447.70
	1000	Each Joint	507.70
	1100	Each Joint	572.60
	1200	Each Joint	630.20

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
9. b.	Jointing the C.I. Pipes, D.I. Pipes & fittings with Rubber Gasket, excluding the cost of the gasket but including all sundries filling with water with a water lead upto 500 m and testing to required pressure etc., complete as per BIS No.3114/85.		
	DIAMETER OF PIPE : in mm :		
	80	Each Joint	39.40
	100	Each Joint	42.20
	125	Each Joint	61.10
	150	Each Joint	63.70
	180	Each Joint	73.60
	200	Each Joint	84.60
	225	Each Joint	95.80
	250	Each Joint	104.00
	300	Each Joint	123.90
	350	Each Joint	133.70
	380	Each Joint	153.30
	400	Each Joint	175.80
	450	Each Joint	195.40
	500	Each Joint	207.30
	530	Each Joint	225.00
	560	Each Joint	243.20
	600	Each Joint	281.90
	650	Each Joint	301.40
	680	Each Joint	306.30
	700	Each Joint	314.10
	750	Each Joint	342.40
	800	Each Joint	366.80
	900	Each Joint	426.10
	1000	Each Joint	483.30
	1100	Each Joint	534.70
	1200	Each Joint	585.30
10	Jointing the C.I. Pipes, fittings and valves with flanged ends excluding cost of jointing materials such as bolts, nuts, rubber insertion, white lead and including filling with water with a water lead upto 500 m and testing to required pressure etc., comp as per BIS		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	No.3114/85.		
	DIAMETER OF PIPE : in mm :		
	80	Each Joint	50.10
	100	Each Joint	53.40
	125	Each Joint	77.10
	150	Each Joint	80.30
	180	Each Joint	93.70
	200	Each Joint	105.90
	225	Each Joint	120.60
	250	Each Joint	130.90
	300	Each Joint	156.80
	350	Each Joint	171.60
	380	Each Joint	196.20
	400	Each Joint	220.80
	450	Each Joint	247.60
	500	Each Joint	260.20
	530	Each Joint	286.90
	560	Each Joint	307.80
	600	Each Joint	363.00
	650	Each Joint	390.10
	680	Each Joint	394.70
	700	Each Joint	405.70
	750	Each Joint	442.50
	800	Each Joint	474.40
	900	Each Joint	550.50
	1000	Each Joint	661.10
	1100	Each Joint	703.90
	1200	Each Joint	776.00

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
11a	Lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:1.5), hemp yarn etc., and testing including filling with water with a water lead upto 500 mts as per BIS No. 783/850 per every 25mm dia	Per Metre	7.70
11b	Lowering the RCC S/S pipes carefully into the trenches, laying them true to the alignment and gradient, jointing with rubber rings and testing including filling with water with a water lead upto 500 metres excluding cost of rubber rings as per BIS No.783/85 per every 25 mm dia	Per Metre	5.00
12	Laying, jointing of G.I. / PVC/HDPE pipes and specials/fittings including excavation upto 0.5 m depth in all soils except rock requiring blasting and re-filling trenches after laying and jointing pipes.		
A	G.I. PIPES :		
	DIA in mm		
	50	Per Metre	12.90
	40	Per Metre	12.90
	32	Per Metre	11.90
	25	Per Metre	11.90
	20	Per Metre	10.70
	15	Per Metre	10.70
B	PVC/HDPE pipes as per BIS No.7634 part-III/75 for PVC and BIS No.7634 part-II/75 for HDPE pipes.		
	DIA in mm		
	50	Per Metre	11.90
	40	Per Metre	11.90
	32	Per Metre	10.90
	25	Per Metre	10.90
	20	Per Metre	10.00
	NOTE :- (i) The above rates are applicable for the works in District only.		
	(ii) If the depth of excavation is more than 0.5 m separate rates to be worked out.		

S.No.	Description	Unit	S S Rate for 2006-07			
1	2	3	4	5	6	7
13	Lowering & laying AC pressure pipes in ready made trenches true to alignment and gradient including all sundries but excluding conveyance from source of supply, as per BIS No.6530/72. Dia of Pipes in mm.		Class 10	Class 15	Class 20	Class 25
	80	Per Metre	2.30	2.30	2.60	3.20
	100	Per Metre	2.90	3.10	3.90	4.80
	125	Per Metre	3.70	4.00	5.00	6.30
	150	Per Metre	4.60	5.70	7.10	8.90
	200	Per Metre	7.20	9.50	12.00	15.30
	250	Per Metre	9.30	12.00	15.40	19.40
	300	Per Metre	12.10	16.80	21.80	27.80
	350	Per Metre	14.90	20.60	26.70	33.60
	400	Per Metre	18.40	26.80	34.90	43.30
	450	Per Metre	22.20	31.50	41.70	52.30
	500	Per Metre	27.40	39.10	51.10	64.20
	600	Per Metre	38.40	55.50	72.30	92.20

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
14	Jointing AC pressure pipes with AC couplings or CID joints complete with Rubber Rings including filling with water with a water lead upto 500 m and testing to required pressure, etc., complete but excluding cost of jointing materials and conveyance of pipes.		
	80	Each Joint	26.30
	100	Each Joint	36.60
	125	Each Joint	36.60
	150	Each Joint	41.70
	200	Each Joint	41.70
	250	Each Joint	47.70
	300	Each Joint	47.70
	350	Each Joint	62.30
	400	Each Joint	62.30
	450	Each Joint	72.60
	500	Each Joint	72.60
	600	Each Joint	82.90
15	Lowering and laying in ready made trenches true to alignment and gradient, jointing and testing of stoneware pipes excluding cost of jointing materials such as cement mortar and hemp yarn as per BIS No. 4127/83.		
	DIA of Pipes in mm .		
	100	Per Metre	19.50
	150	Per Metre	24.50
	200	Per Metre	27.30
	225	Per Metre	28.60
	250	Per Metre	32.70
	300	Per Metre	37.50
	400	Per Metre	41.80
	450	Per Metre	56.10
16	Lowering, laying, jointing & testing to Hydraulic Field test pressure including cost of water with minimum water lead of 500 M (Labour charges only) for PVC pipes excluding the cost of jointing materials.		
	DIA of Pipes in mm .		
	63	Per Metre	6.90
	75	Per Metre	7.30

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	90	Per Metre	7.40
	110	Per Metre	7.90
	125	Per Metre	8.30
	140	Per Metre	8.50
	160	Per Metre	8.80
	180	Per Metre	9.20
	200	Per Metre	9.80
	225	Per Metre	10.30
	250	Per Metre	10.70
	280	Per Metre	11.20
	315	Per Metre	11.80
16 (a)	Lowering, laying, jointing & testing to Hydraulic Field Test pressure including cost of water with minimum water lead of 500 mts (labour charges only) for HDPE pipes excluding the cost of jointing materials.		
	Outer Dia of pipes in MM		
	63	Per Metre	15.80
	75	Per Metre	17.50
	90	Per Metre	19.20
	110	Per Metre	22.20
	125	Per Metre	26.60
	140	Per Metre	28.70
	160	Per Metre	31.30
	180	Per Metre	34.00
	200	Per Metre	36.70
	225	Per Metre	40.00
	250	Per Metre	43.30
	280	Per Metre	47.30
	315	Per Metre	94.00
	355	Per Metre	104.70
	400	Per Metre	116.70
	450	Per Metre	130.00
	NOTE:- For item 9 to 16 the element of testing charges is to be considered as 20% of the combined rate for laying, jointing and testing. This 20% shall be released only after satisfactory testing of the pipe line to the required pressure.		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
17	Labour charges for lowering and keeping in position of C.I. Sluice valves, reflux valves and scour valves. Dia of Valve in mm.		
	80	Each	20.20
	100	Each	26.60
	125	Each	34.90
	150	Each	41.20
	200	Each	76.30
	250	Each	103.10
	300	Each	156.20
	350	Each	268.70
	400	Each	329.60
	450	Each	431.60
18 a.	Labour charges for fixing Air Valves including boring the mains, threading the bore and fixing nipple etc., complete. Dia of Air valve in mm.		
	25	Each	55.30
	40	Each	63.40
	50	Each	67.00
	65	Each	71.40
	80	Each	78.40
	100	Each	92.10
	125	Each	142.70
	150	Each	156.00
18 b.	Labour charges for fixing Kinetic Air Valves with isolating Sluice valves, Double Air valves/ Air Cushion valve excluding cost of jointing materials such as bolts, nuts and rubber insertions etc., complete. Dia of Air Valve in mm .		
	25	Each	55.00
	40	Each	63.10
	50	Each	66.60
	65	Each	71.10
	80	Each	78.10
	100	Each	91.70
	125	Each	142.10
	150	Each	155.30

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
19	Labour charges for fixing fire hydrants excluding cost of jointing materials.		
	65 mm	Each	62.80
	80 mm	Each	78.20
20	Uprooting C.I./ DI Pipes by melting the lead, loosening the joints, scraping the pipes, hoisting and keeping within a lead of 10 m but excluding earth work excavation and refilling. Dia of Pipes in mm.		
	80	Per Metre	Observed data only
	100	Per Metre	
	125	Per Metre	
	150	Per Metre	
	180	Per Metre	
	200	Per Metre	
	225	Per Metre	
	250	Per Metre	
	300	Per Metre	
	350	Per Metre	
	400	Per Metre	
	450	Per Metre	
	500	Per Metre	
	600	Per Metre	
21	Uprooting of RCC pipes including breaking the collars, loosening the joint, scraping the pipes, hoisting and keeping within a lead of 10 m but excluding earthwork excavation and refilling.	Per Metre	observed data only
22	Removing GI/PVC/HDPE pipes and specials/ fittings and clearing.		
	Dia of Pipes in mm		
	50		50% of data of laying & jointing of GI/ PVC/ HDPE pipes and fittings of relevant PH item.
	40	Per Metre	
	30	Per Metre	
	25	Per Metre	
	20	Per Metre	
	15	Per Metre	
23	Cutting C.I./ DI Pipes without water in mains.Dia of pipes in mm.		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	80	Each cut	30.20
	100	Each cut	30.20
	125	Each cut	30.20
	150	Each cut	30.20
	180	Each cut	34.50
	200	Each cut	34.50
	225	Each cut	34.50
	250	Each cut	49.70
	300	Each cut	49.70
	350	Each cut	69.20
	380	Each cut	75.90
	400	Each cut	79.20
	450	Each cut	98.40
	500	Each cut	118.30
	530	Each cut	128.60
	560	Each cut	138.90
	600	Each cut	157.50
	680	Each cut	177.70
24	Cutting A.C. Pipes without water in mains.Dia of pipes in mm.		
	80	Each cut	12.30
	100	Each cut	12.30
	125	Each cut	12.30
	150	Each cut	12.30
	200	Each cut	12.90
	250	Each cut	20.90
	300	Each cut	20.90
	350	Each cut	26.20
	400	Each cut	29.00
	450	Each cut	35.60
	500	Each cut	39.60
	600	Each cut	44.30
25	Drilling and tapping CI/ DI Main and fixing brass screw down ferrule and plug.		
	10 mm to 20mm	Each Tapping	60.30
	25 mm to 40mm	Each Tapping	71.90
26	Cutting road surface including stacking of excavated materials for pipe line trench work.		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	a) Cutting open B.T. road surface (as well as asphalt concrete upto 75 mm thick) including water bound macadam	10 Sqm	196.10
	b) Cutting open C.C. road surface	1 Cum	390.30
	c) Cutting open water bound macadam road including soiling	1 Cum	63.80
27	Bailing out water.(For PH item)		
	a) Bailing out water from the pipe line trenches with oil engine driven pumpsets, including hire charges, fuel charges and wages for Driver and Helper.	HP/Hour	14.30
	b) Bailing out water from the pipe line trenches with Electric Driven pumpset including hire charges, current charges and wages for Driver and Helper.	HP/Hour	11.20
	NOTE:- The rate is payable on the total H.P. hours ignoring fractions less than 0.5 HP hour and rounding off 0.5 HP hour or more to the next higher integer.		
28	Shoring and strutting of trenches for water and sewer main.		
	a) Single Staging from (0 to 2.5 Mts.)	10 Sqm of Shoring area	571.00
	b) Double staging from (2.5 m to 4.5 Mts.)	10 Sqm of Shoring area	772.10
29	Barricading, hoarding, lighting and watching etc., for water supply and sewerage works for trenches.	10 RM	30.90
30	Excavation of trenches for infiltration galleries, syphon lines and connecting mains in all soils under water including all leads, lifts, shoring, strutting, bailing out water and removal of shoring and strutting materials, after completion of pipe line w		
	a) 0 to 1 m deep under water.	10 Cum	4381.20
	b) 1 to 2 m deep under water.	10 Cum	6276.00
	c) 2 to 5 m deep under water.	10 Cum	9420.90
	d) Beyond 5 m deep under water for every additional 1 m depth over item 'c'	10 Cum	1799.90
	NOTE:- The above rates do not include rock requiring blasting or chiselling		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
31	Laying and jointing glazed stoneware pipes including loose jointing with cement fillets and all other incidental charges for infiltration gallery, inclusive of bailing out water by pumping to keep the trench reasonably dry to facilitate the work excluding cost of stoneware pipes		
	a) 200 mm to 400 mm	Per Metre	224.60
32	Laying and jointing perforated RCC pipes inclusive of bailing out water and jointing with cement fillets and all other incidental charges for infiltration gallery inclusive of bailing out water by pumping to keep the trench reasonably dry to facilitate the work excluding.		
	a) 200 mm to 600 mm	Per Metre	231.90
33	Centring and scaffolding charges for RCC members including all materials and labour charges for forming and dismantling a) for R C C Elevated Service Reservoir of staging up to 15 metre below L W L.		
	1) Slabs for thickness (150 mm to 300 mm)	One Sqm of Centering area	867.50
	2) Slabs for thickness above (300 mm)		1734.30
	3) Side walls curved surfaces.		655.70
	4) Side wall straight surfaces.		583.30
	5) Dome.		710.30
	6) Roof Slab.		437.40
	7) Column footing.		478.20
	8) Column braces and beams		292.50
	9) Circular braces, ring beams & circular column.		320.50
	Note:- For RCC ELSR of staging above 15 m observed data may be worked out for the extra staging taking into consideration, the quantum of concrete to be lifted, extra scaffolding involved etc., and may be adopted in the working estimate after getting approval from the competent authority		
	b) For Ground level works :-		
	1) Slabs	1 Sqm	As per Common

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	2) Beams & Lintels	1 Sqm	SSR
	3) Sun shades	1 Sqm	
	4) RCC vertical walls of plane surface upto 3 m height such as ground level tanks clarifiers and sludge digesters etc.	1 Sqm	314.40
	5) RCC vertical walls of circular faces upto 3 m heights	1 Sqm	401.10
	NOTE: Scaffolding for every extra height of 1 m or part thereof but not less than 0.5 m - 10 Sqm	10 Sqm	
34	Lift or delift of materials :		
	a) Lifting of cement concrete for RCC elevated reservoir. For every 3 m height or part thereof over the initial lift of 5 m	1 Cum	56.60
	b) Delifting the materials such as stones, concrete etc., for concrete below ground level for construction of masonry ground level reservoirs, construction of masonry ground level reservoirs, inspection wells, test wells and sump wells etc., for every 2 m depth or part thereof beyond the initial depth of 4 meters from ground level	1 Cum	17.20
35	Labour charges for fixing ventilating shafts complete with all accessories.	Each	228.90
36	Labour charges for fixing water closets including fixing of foot rests (for all sizes)	Each	Relevant Common SSR item
37	Labour charges for fixing of flushing cistern including fixing of flush pipes, lead pipe, jointing etc., complete	Each	
38	Labour charges for fixing wash hand basin including fixing of inlet and waste pipe connections etc., complete	Each	
39	Fixing urinal with inlet and waste pipe connections etc., complete.	Each	
40	Refilling the trench for pipe line with excavated earth including watering and tamping etc., complete	10 Cum	
41 a	Extra allowance for isolated scattered works viz., valve pits, public fountains, meter pits and manholes etc., complete.	Each	25% extra over the cost of chamber.

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
41 b	Repairs to the existing mains, interconnections, replacement of valves/specials etc., including the cutting ,jointing, bailing out of water, drying, earth work excavation etc., complete.		100% extra over the cost of work
42	Removal of wet silt and sludge from sullage drains with aid of baskets and vessels.	10 Cum	570.70
43	Conveyance of C.I./ DI Pipes, C.I. Special excluding loading, unloading and stacking.		As per separate sheet enclosed
44	Conveyance of RCC pipes including loading, unloading and stacking.		Deleted
45	Conveyance of Stoneware pipes including loading unloading and stacking.		As per local competitive quotations
46	Conveyance of A.C. pressure pipes and accessories including loading, unloading and stacking.		As per local competitive quotations
47	Conveyance of PVC pipes and accessories including loading, unloading and stacking.		Deleted
48	Well sinking in sandy and other loose soils under water either by manual labour, divers, or dredgers, weighting the top of staining to assist sinking etc., including dewatering and other incidental charges such as hire charges for mechanical equipment etc,complete up to 4 m internal dia.		
	Upto 2 m below GL/m	Per metre	9220.60
	From 2 to 4 m below GL/m	Per metre	10603.00
	From 4 to 6 m below GL/m	Per metre	11985.50
	From 6 to 8 m below GL/m	Per metre	13514.70
	From 8 to 10 m below GL/m	Per metre	14939.30
	Note:- Below 10 m for every metre depth or part thereof add Rs.250/- per m. For higher dia, observed data is to be prepared and got approved		
49	Sinking in Hard strata other than rock but in soils like limestone, gravel, clay under water including, pumping dewatering, hire charges for mechanical equipment etc., complete.		Deleted
50	Open well excavation in various soils.		As per Common SSR

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
51	Rates for OHSRs/ELSRs including fixtures with a staging of 15 m.		
a	Capacity in 500 Kilo litres	Per litre	4.75
b	Capacity in 1000 Kilo litres	Per litre	4.54
c	Capacity in 1500 Kilo litres	Per litre	4.28
d	Capacity in 2000 Kilo litres	Per litre	4.10
e	Capacity in 2500 Kilo litres	Per litre	3.89
	NOTE: -1) The above rates are applicable for Elevated Level Services Reservoirs / OHSRs with RAFT FOUNDATION and a rate of Rs.2,700/- per tonne for cement and Rs.28,000/- per tonne for steel		
	2) For every metre of staging above 15 m / less than 15 m, the rate shall be increased/reduced by Rs.0.02 paise per litre		
	3) For every Rs.100/- increase /decrease in price of cement per tonne increase/decrease the rate by 0.7%		
	4) for every Rs.1000/- increase/ decrease in price of steel per tonne, increase/decrease the rate by 2%		
	5) Rate inclusive of three coats of epoxy paint to inner surface of the reservoir including roof dome.		
	6) For intermediate ranges proportional rates may be adopted		
	7) The above rates be adopted for estimate purposes for construction of ELSR for a finished work including 2 coats of snowcem painting for external surfaces, lettering, all required fixtures, pipes, bends, valves etc., for pipe connections but excluding cost of pipes, bends and valves as per departmental designs and drawings		
	8) The above rates are applicable for wind pressure upto 350 kg / sq m		
	9) For tribal/Agency / Rural area, the above rates shall be increased by 5%		
	10) If the ELSR is to be disigned for seismic forces also cost shall be arrived by working out detailed quantities based on the design		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	11) Fixtures include.		
	a) A balcony of 0.75 m width at floor slab level/ middle ring beam level / top ring beam level with RCC post with GI pipe hand railing.		
	b) C.I. Manhole frame and cover : 0.60 x 0.6 m size 2 Nos.		
	c) RCC Mosquito proof ventilators.		
	d) RCC Finial - 1 No.		
	e) RCC precast ladders 0.45 m wide - 2 Nos.		
	f) RCC dog legged stair case of 1.00 m width with hand railing - 1 No.		
	g) RCC hand railing 0.75 m height alround at floor level and roof level.		
	h) Water level indicator of approved pattern - 1 No.		
	i) Lightening arrestor with all its accessories complete including earthing - 1 No.		
52	Rates for OHSRs/ELSRs including fixtures with a staging of 15 m.		
a	40,000 Litres capacity	Per litre	11.68
b	40,001 to 60,000 Litres capacity	Per litre	8.87
c	60,001 to 1,00,000 Litres capacity	Per litre	8.20
d	1,00,001 to 2,00,000 Litres capacity	Per litre	7.19
e	2,00,001 to 3,00,000 Litres capacity	Per litre	6.74
f	3,00,001 to 4,00,000 Litres capacity	Per litre	5.95
g	4,00,001 to 4,50,000 Litres capacity	Per litre	5.17
	NOTE: -1) The above rates are applicable for Elevated Level Services Reservoirs / OHSRs with RAFT FOUNDATION and a rate of Rs.2,700/- per tonne for cement and Rs.28,000/- per tonne for steel.		
	2) For every metre of staging above 15 m / less than 15 m, the rate shall be increase/reduced by Rs.0.02 paise per litre.		
	3) For every Rs.100/- increase/decrease in price of cement per tonne increase/decrease the rate by 0.70%		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	4) For every Rs.1000/- increase/decrease in price of steel per tonne increase/decrease the rate by 2%		
	5) Rate inclusive of three coats of epoxy paint to inner surface of the reservoir including roof dome.		
	6) For intermediate ranges proportional rates may be adopted		
	7) The above rates be adopted for estimate purposes for construction of ELSR for a finished work including 2coats of snowcem painting for external surfaces lettering, fixing of all required fixtures, pipes, bends, valves etc., for pipe connections, but excluding cost of pipes, bends and valves, as per departmental designs and drawings		
	8) The above rates applicable for wind pressures upto 350 kg / sq m. If the ELSR / OHSR is to be designed for seismic forces also, cost shall be arrived by working out detailed quantities based on the designs.		
	9) For Tribal/Agency/ Rural area, the above rates shall be increased by 5%		
	10) Fixtures include :		
	a) RCC or Aluminium ladder inside 0.45 m wide.		
	b) Dog legged staircase of 1.0 m wide.		
	c) M.S. Ladder/spiral on the outside.		
	d) Lightning arrestor, including conductor and earthing etc.		
	e) RCC ventilators with copper or stainless steel fly proof mesh.		
	f) RCC finial ventilators with copper or stainless steel fly proof mesh		
	g) Manholes frame and cover 0.75x0.75 m with frame as per IS specifications (light duty) – 2 Nos		
	h) Railing with 32 mm dia G.I. Pipes (A class) in two rows around OHSR fixed in RCC (1:2:4) posts of size 100x75x75 mm with 1.5 m intervals around periphery on top of the OHSR for smaller capacities.		

S.No.	Description	Unit	SS Rate for 2006-07
1	2	3	4
	i) Water level indicator of good quality with ebonite/ copper float approved pattern- 1 No		
53	Construction of Rapid Gravity Filtration Plant including civil, mechanical and electrical trial running etc., complete.		
	1) 2.0 Mld	Per litre	1.25
	2) 5.0 Mld	Per litre	1.15
	3) 10.0 Mld	Per litre	1.04
	4) 20.0 Mld	Per litre	0.94
	NOTE :-		
	a) The above rates are applicable with cement @ rate of Rs.2,700/-MT and steel of 28,000/MT.		
	b) For every Rs.100/MT increase/decrease the price of cement increase/reduce the rate by 0.7%.		
	c) For every Rs.1000/MT increase/decrease in price of steel increase/reduce the rate by 2%.		
	d) For rural areas an extra allowance of 5% shall be given on basic rate.		
	e) In case of raft foundation, additional cost involved due to provision of raft foundation shall be worked out and paid extra.		
	NOTE:- The prices of cement and steel will be reviewed and fixed quarterly by B.O.C.E.S will be communicated separately by ENC (IW) I & CAD Dept, Hyderabad		

**PUBLIC HEALTH (PIPES AND SPECIAL)
RATES FOR R.C.C. PLAIN ENDED PIPES**

Code No.	Description				
1	2				
	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. PLAIN ENDED PIPES CONFORMING TO B.I.S. 458/1988 AT EX-FACTORY EXCLUDING TRANSPORTATION, TAXES & DUTIES				
	Size	Unit	S S Rate For 2006-07		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	66.84		
	100 mm dia	Meter	77.62		
	150 mm dia	Meter	91.52		
	200 mm dia	Meter	108.21		
	225 mm dia	Meter	118.44		
	250 mm dia	Meter	126.23		
	300 mm dia	Meter	181.53		
	350 mm dia	Meter	225.85	510.60	521.04
	400 mm dia	Meter	260.67	565.05	577.13
	450 mm dia	Meter	319.44	646.42	652.71
	500 mm dia	Meter	350.88	740.74	806.14
	600 mm dia	Meter	518.61	1055.15	1250.08
	700 mm dia	Meter	664.73	1310.45	1673.91
	800 mm dia	Meter	816.88	1731.76	2187.02
	900 mm dia	Meter	1027.33	2174.44	2722.77
	1000 mm dia	Meter	1248.40	2700.63	3719.31
	1100 mm dia	Meter	1484.00	3184.32	4311.16
	1200 mm dia	Meter	1767.37	3750.25	5039.32
	1400 mm dia	Meter	2404.59	4846.91	6972.30
	1600 mm dia	Meter	2789.37	6288.15	8393.42
	1800 mm dia	Meter	3654.67	8333.06	11252.02

Note : All the prices are ex-works, Excise duty, CST/VAT extra as applicable at the time of supply.
The rates of RCC Plained pipes which were incorporated in the SSR are based on the following raw materials cost.
Cement. Rs.2700/- per MT (including all taxes and freight).
Steel (M.S. Rods) - Rs.27,500/- per MT. (including all taxes and freight).
The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method.
For every Rs.100/- per MT increase/decrease in the cost of cement, increase/decrease the rate by 0.79%.
For every Rs.1000/- per MT increase/decrease in the cost of steel, increase/decrease the rate by 1.495%.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

S.S. RATES FOR R.C.C. COLLARS

Code No.	Description				
1	2				
	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. COLLARS CONFORMING TO B.I.S. 458/1988 (RATE PER EACH COLLAR) SUITABLE FOR R.C.C. PLAIN ENDED PIPES INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES				
	Size	Unit	S S Rates for 2006-07		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	18.24		
	100 mm dia	Each	19.74		
	150 mm dia	Each	20.51		
	200 mm dia	Each	27.17		
	225 mm dia	Each	29.80		
	250 mm dia	Each	32.29		
	300 mm dia	Each	42.53		
	350 mm dia	Each	52.40	74.20	74.20
	400 mm dia	Each	56.69	84.38	84.38
	450 mm dia	Each	89.92	112.18	112.18
	500 mm dia	Each	103.12	133.30	133.30
	600 mm dia	Each	137.08	176.06	176.06
	700 mm dia	Each	179.21	236.43	236.43
	800 mm dia	Each	251.52	299.31	299.31
	900 mm dia	Each	301.83	349.62	349.62
	1000 mm dia	Each	352.13	437.65	437.65
	1100 mm dia	Each	431.36	553.35	553.35
	1200 mm dia	Each	524.43	692.95	692.95
	1400 mm dia	Each	676.60	877.82	877.82
	1600 mm dia	Each	862.73	1125.57	1125.57
	1800 mm dia	Each	896.69	1450.04	1450.04

Note : Excise duty, CST/VAT extra as applicable at the time of supply.

The rates of RCC Collers suitable to plain ended pipes which were incorporated in the SSR are based on the following raw materials cost.

Cement. Rs.2700/- per MT (including all taxes and freight).

Steel (M.S. Rods) - Rs.27,500/- per MT. (including all taxes and freight).

The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method.

For every Rs.100/- per MT increase/decrease in the cost of cement, increase/decrease the rate by 0.79%.

For every Rs.1000/- per MT increase/decrease in the cost of steel, increase/decrease the rate by 1.495%.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

S.S.RATES FOR R.C.C. S/S PIPES (Non Pressure)

Code No.	Description				
1	2				
	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 458/1988 AT EX-FACTORY (RATE PER METER OF EFFECTIVE LENGTH) EXCLUDING TRANSPORTATION, TAXES & DUTIES.				
	Size	Unit	S S Rates for 2006-07		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	88.47		
	100 mm dia	Meter	97.61		
	150 mm dia	Meter	118.21		
	200 mm dia	Meter	144.13		
	225 mm dia	Meter	157.10		
	250 mm dia	Meter	167.79		
	300 mm dia	Meter	235.39		
	350 mm dia	Meter	301.86	722.06	735.34
	400 mm dia	Meter	334.04	800.55	815.04
	450 mm dia	Meter	415.36	883.86	891.11
	500 mm dia	Meter	478.15	1010.65	1097.59
	600 mm dia	Meter	673.76	1416.36	1458.62
	700 mm dia	Meter	873.00	1807.58	2111.86
	800 mm dia	Meter	1119.32	2390.00	2760.27
	900 mm dia	Meter	1412.73	3004.19	3466.64
	1000 mm dia	Meter	1713.39	3402.65	4346.89
	1100 mm dia	Meter	2014.05	4013.63	5020.66
	1200 mm dia	Meter	2285.74	4734.48	5875.54
	1400 mm dia	Meter	3245.94	6270.39	8327.92
	1600 mm dia	Meter	4014.83	8135.93	10037.69
	1800 mm dia	Meter	4521.97	10780.29	13460.87

Note : All the prices are ex-works, Excise duty, CST/VAT extra as applicable at the time of supply.

The rates of RCC S/S Non-Pressure pipes which were incorporated in the SSR are based on the following raw materials cost.Cement.

Rs.2,700/- per MT (including all taxes and freight).Steel (M.S. Rods) - Rs.27,500/- per MT. (including all taxes and freight).

The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method.

For every Rs.100/- per MT increase/decrease in the cost of cement, increase/decrease the rate by 0.59%.

For every Rs.1000/- per MT increase/decrease in the cost of steel, increase/decrease the rate by 1.00%.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

S.S.RATES FOR R.C.C. S/S PIPES(Pressure)

Code No.	Description				
1	2				
	MANUFACTURE, SUPPLY AND DELIVERY OF R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 458/1988 AT EX-FACTORY (RATE PER METER OF EFFECTIVE LENGTH) EXCLUDING TRANSPORTATION, TAXES & DUTIES.				
	Size	Unit	S S Rates for 2006-07		
			P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Meter	110.06	124.01	141.23
	100 mm dia	Meter	124.80	148.17	172.19
	150 mm dia	Meter	171.45	221.94	272.46
	200 mm dia	Meter	199.48	285.85	377.51
	225 mm dia	Meter	224.70	324.75	421.19
	250 mm dia	Meter	245.91	348.86	443.71
	300 mm dia	Meter	332.28	502.23	626.62
	350 mm dia	Meter	413.42	696.59	903.60
	400 mm dia	Meter	490.21	821.45	1191.09
	450 mm dia	Meter	527.79	1092.15	1470.38
	500 mm dia	Meter	697.76	1191.35	1675.74
	600 mm dia	Meter	955.63	1775.07	2332.38
	700 mm dia	Meter	1270.38	2343.57	2971.21
	800 mm dia	Meter	1591.45	2798.53	3602.20
	900 mm dia	Meter	1922.64	3302.30	
	1000 mm dia	Meter	2419.42	3784.74	
	1100 mm dia	Meter	2901.02		
	1200 mm dia	Meter	3409.18		

Note: All the prices are ex-works, Excise duty, CST/VAT extra as applicable at the time of supply.

The rates of RCC S/S Pressure pipes which were incorporated in the SSR are based on the following raw materials cost.

Cement. Rs.2700/- per MT (including all taxes and freight).

Steel (M.S. Rods) - Rs.27,500/- per MT. (including all taxes and freight).

The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method.

For every Rs.100/- per MT increase/decrease in the cost of cement, increase/decrease the rate by 0.625%.

For every Rs.1000/- per MT increase/decrease in the cost of steel, increase/decrease the rate by 1.63%.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR RUBBER RINGS TO SUIT R.C.C. S/S PIPES

Code No.	Description				
1	2				
	MANUFACTURE, SUPPLY AND DELIVERY OF RUBBER RINGS TO SUIT R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 5382/ 1985 (RATE PER EACH RUBBER RING) INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES.				
	Size	Unit	S S Rates for 2006-07		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	11.50		
	100 mm dia	Each	13.80		
	150 mm dia	Each	24.15		
	200 mm dia	Each	28.75		
	225 mm dia	Each	31.05		
	250 mm dia	Each	35.65		
	300 mm dia	Each	43.70		
	350 mm dia	Each	50.60	66.70	66.70
	400 mm dia	Each	55.20	75.90	75.90
	450 mm dia	Each	63.25	86.25	86.25
	500 mm dia	Each	82.80	98.90	98.90
	600 mm dia	Each	108.10	143.75	143.75
	700 mm dia	Each	148.35	172.50	172.50
	800 mm dia	Each	187.45	209.30	209.30
	900 mm dia	Each	234.60	282.90	282.90
	1000 mm dia	Each	274.85	341.55	341.55
	1100 mm dia	Each	331.20	437.00	437.00
	1200 mm dia	Each	529.00	549.70	549.70
	1400 mm dia	Each	581.90	604.90	604.90
	1600 mm dia	Each	724.50	738.30	738.30
	1800 mm dia	Each	902.75	943.00	943.00
	MANUFACTURE, SUPPLY AND DELIVERY OF RUBBER RINGS TO SUIT R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 5382/ 1985 (RATE PER EACH RUBBER RING) INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES.				
	Size		P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Each	11.50	11.50	11.50
	100 mm dia	Each	13.80	14.95	14.95
	150 mm dia	Each	24.15	24.15	24.15
	200 mm dia	Each	28.75	28.75	28.75
	225 mm dia	Each	31.05	32.20	33.35

Code No.	Description				
1	2				
	250 mm dia	Each	35.65	36.80	37.95
	300 mm dia	Each	43.70	46.00	48.30
	MANUFACTURE, SUPPLY AND DELIVERY OF RUBBER RINGS TO SUIT R.C.C. SOCKET AND SPIGOT PIPES CONFORMING TO B.I.S. 5382/ 1985 (RATE PER EACH RUBBER RING) INCLUDING TRANSPORTATION BUT EXCLUDING TAXES & DUTIES.				
	Size		P1 - Class	P2 - Class	P3 - Class
	350 mm dia	Each	50.60	58.65	63.25
	400 mm dia	Each	55.20	75.90	78.20
	450 mm dia	Each	63.25	87.40	89.70
	500 mm dia	Each	82.80	98.90	103.50
	600 mm dia	Each	108.10	123.05	124.20
	700 mm dia	Each	148.35	162.30	172.50
	800 mm dia	Each	187.45	207.00	207.00
	900 mm dia	Each	234.60	262.20	
	1000 mm dia	Each	274.85	316.25	
	1100 mm dia	Each	331.20		
	1200 mm dia	Each	529.00		

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

**RATES FOR CONVEYANCE OF R.C.C. PLAIN ENDED PIPES FOR THE YEAR
2006-07**

Code No.	Description	Rate upto 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.	Rate upto 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.
1	2	3	4	5	6
CONVEYANCE OF R.C.C. PLAIN ENDED PIPES ON ALL WEATHER ROADS INCLUDING LOADING, UNLOADING AND STACKING (per Meter)					
		NP - 2 Class		NP - 3 & NP - 4 Class	
	80 mm dia	1.43	0.07		
	100 mm dia	1.76	0.09		
	150 mm dia	2.47	0.14		
	200 mm dia	3.30	0.17		
	225 mm dia	3.85	0.22		
	250 mm dia	4.40	0.26		
	300 mm dia	6.60	0.33		
	350 mm dia	8.58	0.41	18.70	0.49
	400 mm dia	9.90	0.55	22.00	0.71
	450 mm dia	12.65	0.71	24.20	0.82
	500 mm dia	13.75	0.82	26.40	0.82
	600 mm dia	19.80	1.21	39.60	1.76
	700 mm dia	25.30	1.76	44.00	2.06
	800 mm dia	29.70	1.76	52.80	2.06
	900 mm dia	34.10	1.76	69.30	3.85
	1000 mm dia	50.60	3.57	83.60	3.85
	1100 mm dia	55.55	3.57	90.20	4.12
	1200 mm dia	62.70	3.79	101.20	4.12
	1400 mm dia	75.90	3.79	137.50	4.35
	1600 mm dia	88.00	3.85	165.00	4.35
	1800 mm dia	101.20	3.85	220.00	6.09

RATES FOR CONVEYANCE OF R.C.C. S/S PIPES FOR THE YEAR 2006-07

Code No.	Description	Rate upto 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof	Rate upto 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof
1	2	3			4
	CONVEYANCE OF R.C.C. SOCKET AND SPIGOT PIPES ON ALL WEATHER ROADS INCLUDING LOADING, UNLOADING AND STACKING (per Meter of effective length)				
	Size	NP - 2 & P1 Class		NP - 3 & NP - 4 Class	
	80 mm dia	1.82	0.11		
	100 mm dia	2.09	0.12		
	150 mm dia	2.92	0.16		
	200 mm dia	3.74	0.27		
	225 mm dia	4.51	0.33		
	250 mm dia	5.06	0.39		
	300 mm dia	7.48	0.44		
	350 mm dia	9.35	0.55	22.00	0.77
	400 mm dia	11.33	0.71	27.50	1.34
	450 mm dia	12.98	0.77	30.25	1.37
	500 mm dia	14.58	0.82	33.00	1.43
	600 mm dia	19.25	1.33	45.10	2.03
	700 mm dia	23.38	1.43	60.50	4.04
	800 mm dia	32.45	2.20	71.50	4.07
	900 mm dia	48.40	4.01	82.50	4.07
	1000 mm dia	55.00	4.01	86.90	4.07
	1100 mm dia	62.15	4.01	93.50	4.07
	1200 mm dia	69.30	4.07	104.50	4.12
	1400 mm dia	85.80	4.07	139.70	4.12
	1600 mm dia	102.30	4.12	165.00	4.40
	1800 mm dia	126.50	4.12	220.00	6.05
		P2 - Class		P3 - Class	
	80 mm dia	1.82	0.11	1.82	0.11
	100 mm dia	2.09	0.12	2.09	0.12
	150 mm dia	2.92	0.16	2.91	0.16
	200 mm dia	4.06	0.33	5.50	0.36
	225 mm dia	5.50	0.40	6.16	0.41
	250 mm dia	5.78	0.42	7.26	0.55
	300 mm dia	11.00	0.57	12.65	0.66
	350 mm dia	13.86	0.77	17.60	0.82
	400 mm dia	16.50	0.82	23.65	1.34
	450 mm dia	20.90	1.28	29.15	1.37
	500 mm dia	23.65	1.32	35.75	1.92
	600 mm dia	31.35	1.39	51.15	2.55
	700 mm dia	46.20	2.69	75.35	4.07
	800 mm dia	61.60	3.85	95.70	4.07
	900 mm dia	72.60	4.07		
	1000 mm dia	92.40	4.12		

RATES FOR A.C. PIPES

Code No.	Description						
1	2						
	MANUFACTURE AS PER BIS NO: 1592/1989 AS AMENDED FROM TIME TO TIME (MAZZA PROCESS) AND SUPPLY OF AC PRESSURE PIPES DULY MARKED WITH BIS MARK, INCLUDING COST OF MATERIAL, INCIDENTAL HANDLING, LOADING AND PACKING CHARGES BUT EXCLUSIVE OF TRANSPORTATION, UNLOADING, STACKING AT DEPARTMENTAL STORES, EXCISE DUTY, VAT OCTROI AND OTHER GOVT. LEVIES.						
	Size	Unit	S S Rates per 2006-07				
			Class -5	Class - 10	Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Meter	83.45	83.45	83.95	90.81	113.94
	100 mm dia	Rate/Meter	105.13	105.13	110.25	139.50	172.86
	125 mm dia	Rate/Meter	132.08	132.08	144.55	179.93	226.77
	150 mm dia	Rate/Meter	163.76	163.76	204.60	254.74	318.76
	200 mm dia	Rate/Meter	228.79	257.44	341.00	432.65	549.24
	250 mmdia	Rate/Meter	282.70	335.61	431.30	554.97	696.15
	300 mm dia	Rate/Meter	364.25	434.00	605.51	783.09	998.07
	350 mm dia	Rate/Meter	533.74	533.74	739.62	960.67	1206.99
	400 mm dia	Rate/Meter	662.12	662.12	962.69	1254.16	1555.40
	450 mm dia	Rate/Meter	798.25	798.25	1132.52	1499.80	1879.56
	500 mm dia	Rate/Meter	986.61	986.61	1405.12	1837.44	2308.51
	600 mm dia	Rate/Meter	1381.53	1381.53	1995.14	2600.32	3314.33
	SCHEDULE OF RATES FOR TRANSPORTATION OF A.C. PRESSURE PIPES AT SITE OF WORK WITHIN THE STATE OF ANDHRA PRADESH						
	Stores delivery charges for transportation of AC pressure pipes at site of work anywhere in Andhra Pradesh on motorable roads for full truck loads including transit insurance, unloading, and stacking at Departmental stores etc., complete (A.C. couplings and Rubber rings are to be supplied free of transportation charges).					10% on the value of AC Pressure pipes only. (on basic price)	

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR A.C. COUPLINGS

Code No.	Description						
1	2						
	MANUFACTURE AS PER MANUFACTURERS SPECIFICATION (MAZZA PROCESS) AND SUPPLY OF A.C. COUPLINGS EXTENDING THE COST OF RUBBER RINGS TO SUIT AC PRESSURE PIPES INCLUDING COST OF MATERIAL, INCIDENTAL HANDLING, PACKING TRANSPORTATION AND UNLOADING AT SITE TRANSIT RISK BUT EXCLUDING EXCISE DUTY, VAT AND OTHER GOVT. LEVIES.						
	Size	Unit	S S Rates for 2006-07				
			Class-5	Class-10	Class-15	Class-20	Class-25
	80 mm dia	Rate/Each	43.47	43.47	43.47	45.49	52.56
	100 mm dia	Rate/Each	54.58	54.58	56.61	58.63	70.76
	125 mm dia	Rate/Each	66.72	66.72	70.76	76.83	93.00
	150 mm dia	Rate/Each	76.83	76.83	80.87	101.09	125.34
	200 mm dia	Rate/Each	97.05	111.20	149.61	159.72	204.20
	250 mmdia	Rate/Each	109.18	143.54	173.87	218.35	279.00
	300 mm dia	Rate/Each	127.38	177.92	226.43	293.16	376.05
	350 mm dia	Rate/Each	238.57	238.57	295.17	382.11	489.26
	400 mm dia	Rate/Each	325.50	325.50	454.90	594.40	766.25
	450 mm dia	Rate/Each	386.15	386.15	545.88	719.74	927.99
	500 mm dia	Rate/Each	460.97	460.97	651.00	871.38	1116.00
	600 mm dia	Rate/Each	616.64	616.64	784.05	976.51	1249.45

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR RUBBER RINGS TO SUIT A.C. PIPES

Code No.	Description						
1	2						
	SCHEDULE OF RATE FOR SUPPLY OF RUBBER RINGS MANUFACTURED AS PER BIS: 5382/88 AND WITH BIS MARK EMBOSSED PER EACH SET SUITABLE FOR A.C. COUPLINGS INCLUDING COST OF MATERIAL, INCIDENTAL, HANDLING, PACKING, TRANSPORTATION AND UNLOADING AT SITE TRANSIT RISK ETC., BUT EXCLUDING VAT.						
	Size	Unit	S S Rates for 2006-07				
			Class-5	Class-10	Class-15	Class-20	Class-25
	80 mm dia	Each Set	29.06	29.06	29.06	29.06	29.06
	100 mm dia	Each Set	35.64	35.64	35.64	35.64	35.64
	125 mm dia	Each Set	46.64	46.64	46.64	46.64	46.64
	150 mm dia	Each Set	59.56	59.56	59.56	59.56	59.56
	200 mm dia	Each Set	61.00	61.00	61.00	61.00	61.00
	250 mmdia	Each Set	71.16	71.16	71.16	71.16	71.16
	300 mm dia	Each Set	71.40	71.40	71.40	71.40	71.40
	350 mm dia	Each Set	80.37	80.37	80.37	80.37	80.37
	400 mm dia	Each Set	98.19	98.19	98.19	98.19	98.19
	450 mm dia	Each Set	116.01	116.01	116.01	116.01	116.01
	500 mm dia	Each Set	133.95	133.95	133.95	133.95	133.95
	600 mm dia	Each Set	151.78	151.78	151.78	151.78	151.78

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES

Code No.	Description							
1	2							
	MANUFACTURE, SUPPLY, DELIVERY OF PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES CONFORMING TO IS 784/2001 @ Ex-factory excluding transportation and taxes & duties.							
	Size	Unit	S S Rates for 2006-07					
			6 Kg/cm2	8 Kg/cm2	10 Kg/cm2	12 Kg/cm2	14 Kg/cm2	16 Kg/cm2
	350 MM DIA	Meter	1060.00	1060.00	1070.00	1080.00	1100.00	1140.00
	400 MM DIA	Meter	1140.00	1150.00	1160.00	1180.00	1200.00	1220.00
	450 MM DIA	Meter	1210.00	1220.00	1230.00	1260.00	1290.00	1320.00
	500 MM DIA	Meter	1310.00	1320.00	1330.00	1360.00	1390.00	1430.00
	600 MM DIA	Meter	1510.00	1520.00	1540.00	1590.00	1640.00	1690.00
	700 MM DIA	Meter	1850.00	1860.00	1890.00	1940.00	2010.00	2070.00
	800 MM DIA	Meter	2190.00	2210.00	2270.00	2330.00	2420.00	2510.00
	900 MM DIA	Meter	2540.00	2560.00	2620.00	2730.00	2840.00	3000.00
	1000 MM DIA	Meter	2980.00	3010.00	3100.00	3220.00	3410.00	3560.00
	1100 MM DIA	Meter	3390.00	3440.00	3540.00	3730.00	3900.00	4070.00
	1200 MM DIA	Meter	3760.00	3830.00	3960.00	4170.00	4380.00	4580.00
	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of rubber rings, cost of transportation of water and emptying pipe line after completion of field testing etc.							
	350 MM DIA	Meter	75.00	75.00	75.00	75.00	75.00	75.00
	400 MM DIA	Meter	85.00	85.00	85.00	85.00	85.00	85.00
	450 MM DIA	Meter	95.00	95.00	95.00	95.00	95.00	95.00
	500 MM DIA	Meter	100.00	100.00	100.00	100.00	100.00	100.00
	600 MM DIA	Meter	125.00	125.00	125.00	125.00	125.00	125.00
	700 MM DIA	Meter	145.00	145.00	145.00	145.00	145.00	145.00
	800 MM DIA	Meter	165.00	165.00	165.00	165.00	165.00	165.00
	900 MM DIA	Meter	185.00	185.00	185.00	185.00	185.00	185.00
	1000 MM DIA	Meter	210.00	210.00	210.00	210.00	210.00	210.00
	1100 MM DIA	Meter	235.00	235.00	235.00	235.00	235.00	235.00
	1200 MM DIA	Meter	255.00	255.00	255.00	255.00	255.00	255.00
	CONVEYANCE OF PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES AND ACCESSORIES including loading at Factory, un-loading at site and stacking for the following sizes.							
	350 MM DIA	Per KM/M	0.38	0.38	0.38	0.38	0.38	0.38
	400 MM DIA	Per KM/M	0.38	0.38	0.38	0.38	0.38	0.38
	450 MM DIA	Per KM/M	0.43	0.43	0.43	0.43	0.43	0.43

Code No.	Description							
1	2							
	CONVEYANCE OF PRE-STRESSED (NON-CYLINDER) CONCRETE PIPE AND ACCESSORIES including loading at Factory, un-loading at site and stacking for the following sizes.							
	500 MM DIA	Per KM/M	0.50	0.50	0.50	0.50	0.50	0.50
	600 MM DIA	Per KM/M	0.60	0.60	0.60	0.60	0.60	0.60
	700 MM DIA	Per KM/M	1.00	1.00	1.00	1.00	1.00	1.00
	800 MM DIA	Per KM/M	1.00	1.00	1.00	1.00	1.00	1.00
	900 MM DIA	Per KM/M	1.00	1.00	1.00	1.00	1.00	1.00
	1000 MM DIA	Per KM/M	1.50	1.50	1.50	1.50	1.50	1.50
	1100 MM DIA	Per KM/M	1.50	1.50	1.50	1.50	1.50	1.50
	1200 MM DIA	Per KM/M	3.00	3.00	3.00	3.00	3.00	3.00

Note: The rate of PSC pipes whichever to be incorporated in the SSR based on the HT wire cost. HT Wire cost Rs.25787/MT. The rates may be revised depending upon the increase/decrease in the cost of HT wire as per the following method. For every increase/decrease of Rs.1000/- in the cost of HT wire or part there of proportionately. In respect of HT wire: The increase/decrease in the cost of pipe is 2.7%. The cost of HT wire may be obtained from SAIL.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES

Code No.	Description											
1	2											
	BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES CONFORMING TO IS 15155 - 2002 @ Ex-factory excluding transportation, taxes and duties etc., for Bar wrapped steel cylindrical pipes.											
	Size	Unit	S S Rates for 2006-07									
			4 - 12 Kg/cm ²	14 Kg/cm ²	16 Kg/cm ²	18 Kg/cm ²	20 Kg/cm ²	22 Kg/cm ²	24 Kg/cm ²	26 Kg/cm ²	28 Kg/cm ²	30 Kg/cm ²
	250 MM DIA	Meter	1,027.00	1,027.00	1,027.00	1,027.00	1,027.00	1,027.00	1,027.00	1,027.00	1,037.00	1,075.00
	300 MM DIA	Meter	1,157.00	1,157.00	1,157.00	1,157.00	1,157.00	1,157.00	1,185.00	1,230.00	1,252.00	1,297.00
	350 MM DIA	Meter	1,418.00	1,418.00	1,418.00	1,418.00	1,418.00	1,418.00	1,453.00	1,502.00	1,544.00	1,587.00
	400 MM DIA	Meter	1,561.00	1,561.00	1,561.00	1,561.00	1,561.00	1,633.00	1,696.00	1,760.00	1,824.00	2,044.00
	450 MM DIA	Meter	1,704.00	1,704.00	1,704.00	1,722.00	1,802.00	1,881.00	1,961.00	2,041.00	2,122.00	2,279.00
	500 MM DIA	Meter	1,901.00	1,901.00	1,921.00	2,010.00	2,109.00	2,209.00	2,317.00	2,404.00	2,589.00	2,687.00
	600 MM DIA	Meter	2,502.00	2,502.00	2,537.00	2,679.00	2,820.00	2,949.00	3,097.00	3,241.00	3,441.00	3,564.00
	700 MM DIA	Meter	2,834.00	2,902.00	3,092.00	3,282.00	3,473.00	3,663.00	3,917.00	4,084.00	4,284.00	4,501.00
	800 MM DIA	Meter	3,221.00	3,467.00	3,714.00	3,953.00	4,195.00	4,526.00	4,775.00	5,162.00	5,411.00	5,677.00
	900 MM DIA	Meter	3,992.00	4,147.00	4,457.00	4,758.00	5,060.00	5,388.00	5,867.00	6,231.00	6,557.00	6,919.00
	1000 MM DIA	Meter	4,503.00	4,884.00	5,259.00	5,625.00	5,992.00	6,556.00	7,022.00	7,685.00	8,045.00	8,528.00
	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of site welding and fixing of Polypropylene Diapher cloth, cost of transportation of water and emptying pipe line after completion of field testing.											
	Size	Unit	S S Rates for 2006-07									
			4 - 12 Kg/cm ²	14 Kg/cm ²	16 Kg/cm ²	18 Kg/cm ²	20 Kg/cm ²	22 Kg/cm ²	24 Kg/cm ²	26 Kg/cm ²	28 Kg/cm ²	30 Kg/cm ²
	250 MM DIA	Meter	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00
	300 MM DIA	Meter	210.00	210.00	210.00	210.00	210.00	210.00	210.00	220.00	220.00	220.00

	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of site welding and fixing of Polypropylene Diapher cloth, cost of transportation of water and emptying pipe line after completion of field testing.											
	Size	Unit	S S Rates for 2006-07									
			4 - 12 Kg/cm ²	14 Kg/cm ²	16 Kg/cm ²	18 Kg/cm ²	20 Kg/cm ²	22 Kg/cm ²	24 Kg/cm ²	26 Kg/cm ²	28 Kg/cm ²	30 Kg/cm ²
	350 MM DIA	Meter	250.00	250.00	250.00	250.00	250.00	250.00	250.00	260.00	260.00	260.00
	400 MM DIA	Meter	280.00	280.00	280.00	280.00	280.00	290.00	290.00	300.00	300.00	310.00
	450 MM DIA	Meter	320.00	320.00	320.00	320.00	320.00	330.00	330.00	340.00	340.00	350.00
	500 MM DIA	Meter	350.00	350.00	350.00	360.00	360.00	370.00	380.00	380.00	390.00	400.00
	600 MM DIA	Meter	430.00	430.00	440.00	440.00	450.00	460.00	470.00	480.00	490.00	490.00
	700 MM DIA	Meter	500.00	510.00	520.00	530.00	540.00	550.00	560.00	570.00	580.00	590.00
	800 MM DIA	Meter	570.00	590.00	600.00	610.00	630.00	650.00	660.00	680.00	690.00	710.00
	900 MM DIA	Meter	670.00	670.00	690.00	710.00	720.00	740.00	770.00	790.00	810.00	830.00
	1000 MM DIA	Meter	740.00	760.00	780.00	800.00	830.00	860.00	880.00	920.00	940.00	960.00
	Conveyance of Bar Wrapped steel Cylindrical (BWSC) pipes and accessories including loading at Factory,unloading at site and stacking for the following sizes.											
	250 MM DIA	Per KM/M	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	300 MM DIA	Per KM/M	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	350 MM DIA	Per KM/M	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
	400 MM DIA	Per KM/M	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
	450 MM DIA	Per KM/M	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
	500 MM DIA	Per KM/M	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
	600 MM DIA	Per KM/M	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
	700 MM DIA	Per KM/M	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
	800 MM DIA	Per KM/M	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
	900 MM DIA	Per KM/M	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
	1000 MM DIA	Per KM/M	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Note: The rates of BWSC pipes which were incorporated in the SSR are based on the following raw materials cost.

HR Plates - Rs.20800/- per MT(including all taxes & freight)

Wire rods - Rs.20200/- per MT (including all taxes & freight)

The rates may be revised depending upon the increase/ decrease in the cost of raw materials as per the following method. For every increase/decrease of Rs.1000/- in the cost of raw materials or part thereof proportionately.

In respect of HR plates - The increase/ decrease in cost of pipe is 3.74%

In respect of Wire rods - The increase/ decrease in cost of pipe is 1.70%

The cost of plates/ wire rods may be obtained from SAIL.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR DUCTILE IRON PRESSURE PIPES

Code No.	Description	Unit	S S Rates for 2006-07
1	2	3	4
1	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON PRESSURE PIPES FOR WATER, GAS AND SEWAGE WITH SOCKET SPIGOT ENDS CONFORMING TO I.S.: 8329/2000 IN STANDARD WORKING LENGTHS OF 4, 5 5.5 & 6 METER FOR CLASSIFICATION K9 & K7 SUITABLE FOR PUSH-ON-JOINT (RUBBER GASKET D JOINTING) WITH CEMENT MORTAR LINING INSIDE THE PIPES WITH OUTSIDE ZINC COATING. RATES ARE EX-FACTORY EXCLUDING TRANSPORTATION, TAXES & DUTIES.		NOTE : The prevailing rates of DI Pipes as per D.G.S. & D Rate Contract shall be adopted.
2	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON PRESSURE PIES WITH FLANGED (WELDED) ENDS FOR WATER, GAS, SEWAGE CONFORMING TO I.S.: 8329/2000 IN STANDARD WORKING LENGTHS OF 4, 5, AND 5.5. Mts FOR CLASSIFICATION K9 & K7 WITH CEMENT MORTAR LINING INSIDE THE PIPES WITH OUTSIDE ZINC COATING. RATES ARE EX-FACTORY EXCLUDING TRANSPORTATION, TAXES & DUTIES.		
3	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON PRESSURE PIPES FOR WATER, GAS AND SEWAGE WITH PLAIN ENDS CONFORMING TO I.S.: 8329/2000 IN STANDARD WORKING LENGTHS OF 4, 5, 5.5 & 6 METER FOR CLASSIFICATION K9 & K7 WITH CEMENT MORTAR LINING INSIDE THE PIPES WITH OUTSIDE ZINC COATING. RATES ARE EX-FACTORY EXCLUDING TRANSPORTATION, TAXES & DUTIES.		

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR DUCTILE IRON FITTINGS

Code No.	Description	Unit	S S Rates for 2006-07
1	2	3	4
	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON FITTINGS CONFORMING TO IS:9523/2000 HAVING DIMENTIONS AS PER TABLE. THE RATES MENTIONED HERE UNDER ARE FOR FITTINGS, ZINC COATED EXTERNALLY WITH INSIDE MORTAR LINING (WITH FINISHING AS PER CLASS 13/IS 9523/2000) (Ex-works) Excluding transportation, taxes and duties etc.		
I	DI double socket branch flange Tee		
	Nominal dia in mm		
	80 x 80	Each	585.00
	100 x 80	Each	675.00
	100 x 100	Each	765.00
	150 x 80	Each	945.00
	150 x 100	Each	1,035.00
	150 x 150	Each	1,260.00
	200 x 80	Each	1,305.00
	200 x 100	Each	1,395.00
	200 x 150	Each	1,665.00
	200 x 200	Each	1,980.00
	250 x 80	Each	1,620.00
	250 x 100	Each	1,755.00
	250 x 150	Each	2,025.00
	250 x 200	Each	2,385.00
	250 x 250	Each	2,835.00
	300 x 100	Each	2,295.00
	300x 200	Each	2,970.00
	300 x 300	Each	3,960.00
	350 x 100	Each	3,000.00
	350 x 200	Each	3,900.00
	350 x 350	Each	5,850.00
	400 x 80	Each	3,400.00
	400 x 100	Each	3,600.00
	400 x 150	Each	4,050.00
	400 x 200	Each	4,550.00
	400 x 300	Each	5,800.00
	400 x 400	Each	7,500.00
	450 x 100	Each	4,400.00
	450 x 250	Each	6,000.00
	500 x 100	Each	5,665.00
	500 x 200	Each	6,875.00

Code No.	Description	Unit	S S Rates for 2006-07
1	2	3	4
	500 x 400	Each	10,065.00
	500 x 500	Each	12,320.00
	600 x 200	Each	9,405.00
II	DI All socket Tees		
	Nominal dia in mm		
	80 x 80	Each	540.00
	100 x 80	Each	630.00
	100 x 100	Each	675.00
	150 x 80	Each	900.00
	150 x 100	Each	945.00
	150 x 150	Each	1,125.00
	200 x 80	Each	1,260.00
	200 x 100	Each	1,350.00
	200 x 150	Each	1,530.00
	200 x 200	Each	1,800.00
	250 x 80	Each	1,575.00
	250 x 100	Each	1,665.00
	250 x 150	Each	1,890.00
	250 x 200	Each	2,160.00
	250 x 250	Each	2,475.00
	300 x 100	Each	2,250.00
	300x 200	Each	2,790.00
	300 x 300	Each	3,465.00
III	DI double socket concerntric TAPERS		
	Nominal dia in mm		
	100 x 80	Unit	360.00
	150 x 80	Unit	585.00
	150 x 100	Unit	585.00
	200 x 100	Unit	900.00
	200 x 150	Unit	900.00
	250 x 150	Unit	1,260.00
	250 x 200	Unit	1,215.00
	300 x 150	Unit	1,710.00
	300x 200	Unit	1,710.00
	300 x 250	Unit	1,575.00
	350 x 200	Unit	2,500.00
	350 x 250	Unit	2,400.00
	350 x 300	Unit	2,250.00
	400 x 250	Unit	3,100.00
	400 x 300	Unit	3,000.00

Code No.	Description	Unit	S S Rates for 2006-07
1	2	3	4
	400 x 350	Unit	2,750.00
	450 x 350	Unit	3,700.00
	450 x 400	Unit	3,450.00
	500 x 350	Unit	5,115.00
	500 x 400	Unit	4,785.00
	600 x 500	Unit	6,710.00
IV	DI Flanged socket	PN-10	PN-16
	Nominal dia in mm Rate/Unit		
	80	400.00	400.00
	100	450.00	450.00
	150	700.00	700.00
	200	1,000.00	1,000.00
	250	1,300.00	1,300.00
	300	1,650.00	1,750.00
	350	2,310.00	2,475.00
	400	2,750.00	3,025.00
	450	3,190.00	3,740.00
	500	4,140.00	5,040.00
	600	-	8,160.00
V	DI Flanged Spigot	PN-10	PN-16
	Nominal dia in mm Rate/Unit		
	80	400.00	400.00
	100	500.00	500.00
	150	800.00	800.00
	200	1,150.00	1,150.00
	250	1,600.00	1,600.00
	300	2,100.00	2,150.00
	350	2,915.00	3,080.00
	400	3,575.00	3,905.00
	450	4,290.00	4,840.00
	500	5,700.00	-
	600	8,100.00	9,540.00

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR D.I. DOUBLE SOCKET BENDS FOR THE YEAR 2006-07

Code No.	Description				
1	2	3	4	5	6
	CENTRIFUGALLY CAST (SPUN) DUCTILE IRON FITTINGS CONFORMING TO IS:9523/2000 HAVING DIMENTIONS AS PER TABLE. THE RATES MENTIONED HERE UNDER ARE FOR FITTINGS, ZINC COATED EXTERNALLY WITH INSIDE MORTAR LINING (WITH FINISHING AS PER CLASS 13/IS 9523/2000) Ex - works excluding transportation, taxes and duties etc.				
	DI double socket Bends				
	Nominal dia in mm Rate/Each	90°	45°	22½ °	11¼°
	80	-	-	315.00	315.00
	100	495.00	-	405.00	-
	150	-	720.00	675.00	630.00
	200	1440.00	1,170.00	1035.00	945.00
	250	2025.00	1,575.00	1350.00	1260.00
	300	2925.00	2,205.00	1890.00	1710.00
	350	-	3,200.00	2650.00	2350.00
	400	-	4,000.00	3300.00	2900.00
	450	-	5,300.00	4250.00	3700.00
	500	-	7,040.00	5665.00	4840.00
	600	-	10,890.00	8690.00	7370.00

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR CENTRIFUGALLY CAST (SPUN) IRON PRESSURE PIPES

Code No.	Description	S S Rates For 2006-07
1	2	3
	SOCKET AND SPIGOT CENTRIFUGALLY CAST (SPUN) IRON PRESSURE PIPES FOR WATER, GAS AND SEWAGE CONFORMING TO SPECIFICATION NO: I..S 1536/1989 (THIRD REVISION) WITH Amdt. No: 1 & 2 IN STANDARD LENGTHS OF 3.66 M, 4 M, 4.5M, 5 M, 5.5 M & 6 M AND DETAILS GIVEN BELOW, SUITABLE EITHER FOR LEAD JOINTING OR RUBBER GASKET (PUSHON) JOINTING AT PURCHASERS OPTION, EX-FACTORY, EXCLUDING TRANSPORTATION, TAXES & DUTIES.	Note: The prevailing rates for Centrifugally cast(spun)Iron pressure pipes as per DGS&Drate contract shall be adopted.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR GLASS FIBRE REINFORCED PLASTIC (GRP) PIPES

Code No.	Description						
1	2						
	GLASSFIBRE REINFORCED PLASTIC (GRP) PIPES CONFORMING TO IS 12709 - 1994 Stiffness class 124 Kpa including transportation to any where in A.P. with jointing materials i.e., Reka couplings, Rubber Gaskets etc., for jointing pipes including cost of specials, loading, un-loading and stacking etc., complete but excluding Central Excise duty and sale tax.						
	Size	Unit	S S Rates for 2006-07				
			3 Bar	6 Bar	9 Bar	12 Bar	15 Bar
	350 MM DIA	Meter	1,523.00	1,544.00	1,592.00	1,636.00	1,712.00
	400 MM DIA	Meter	1,696.00	1,771.00	1,836.00	1,922.00	1,998.00
	450 MM DIA	Meter	1,990.00	2,066.00	2,179.00	2,287.00	2,417.00
	500 MM DIA	Meter	2,266.00	2,358.00	2,493.00	2,649.00	2,800.00
	600 MM DIA	Meter	2,880.00	2,999.00	3,182.00	3,506.00	3,669.00
	700 MM DIA	Meter	3,645.00	3,812.00	4,050.00	4,417.00	4,752.00
	800 MM DIA	Meter	4,462.00	4,673.00	5,045.00	5,488.00	5,926.00
	900 MM DIA	Meter	5,578.00	5,815.00	6,318.00	6,852.00	7,420.00
	1000 MM DIA	Meter	6,685.00	6,993.00	7,522.00	8,203.00	8,845.00
	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of transportation of water and emptying pipe line after completion of field testing.						
	Size	Unit	S S Rates for 2006-07				
			3 Bar	6 Bar	9 Bar	12 Bar	15 Bar
	350 mm dia	Meter	120.00	120.00	120.00	120.00	120.00
	400 mm dia	Meter	180.00	180.00	180.00	180.00	180.00
	450 mm dia	Meter	220.00	220.00	220.00	220.00	220.00
	500 mm dia	Meter	280.00	280.00	280.00	280.00	280.00
	600 mm dia	Meter	300.00	300.00	300.00	300.00	300.00
	700 mm dia	Meter	340.00	340.00	340.00	340.00	340.00
	800 mm dia	Meter	400.00	400.00	400.00	400.00	400.00
	900 mm dia	Meter	440.00	440.00	440.00	440.00	440.00
	1000 mm dia	Meter	510.00	510.00	510.00	510.00	510.00

NOTE: The methodology adopted for rates is as follows:

Percentage of raw materials in the finished product of the pipe

- | | |
|-----------------------------|----------|
| 1) Hoop Glass Fibre Rovings | H% (35%) |
| 2) Chop Glass | C% (40%) |
| 3) Resin | R% (25%) |

The cost of variation in Raw materials are:

- | | | |
|------------------------------------|---|----|
| 1) Variation in cost of Hoop Glass | : | h% |
| 2) Variation in cost of Chop Glass | : | c% |
| 3) Variation in cost of Resin | : | r% |

The percentage of variation in cost of pipe allowed is
 $(H \times h + C \times c + R \times r)/100$

The above raw materials rates are obtained from the principal manufacturers.

The rates of raw materials are:

1) Hoop Glass Fibre Rovings	-	Rs.60/kg
2) Chop Glass	-	Rs.63/kg
3) Resin	-	Rs.58/kg

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR H.D.P.E PIPES FOR THE YEAR 2006-07 (PE - 80 Grade)

Code No.	Description	2.5 kg/sqcm	4.0 kg/sqcm	6.0 kg/sqcm	8.0 kg/sqcm	10.0 kg/sqcm
1	2	3	4			
	Manufacture, supply, & delivery of HDPE pipes conforming to IS 4984 - 1995 including transportation to any where in A.P, excluding excise duty, sale tax and specials etc., complete. (Supply upto 90 mm dia in coil & above 90 mm dia stright length in 6 M.)					
	Rate per Meter					
	OD 20 mm	-	-	-	-	8.66
	OD 25 mm	-	-	-	-	12.91
	OD 32 mm	-	-	14.91	17.75	21.10
	OD 40 mm	-	18.42	20.80	27.20	32.91
	OD 50 mm	-	26.35	33.81	42.00	51.03
	OD 63 mm	22.26	36.10	50.22	63.77	76.74
	OD 75 mm	38.01	49.35	71.30	90.23	108.36
	OD 90 mm	48.59	71.40	101.29	129.10	154.93
	OD 110 mm	68.83	106.76	151.89	193.08	229.63
	OD 125 mm	85.05	137.01	194.46	248.35	297.72
	OD 140 mm	112.80	169.63	243.60	310.55	373.43
	OD 160 mm	145.91	222.25	317.74	404.78	486.73
	OD 180 mm	181.43	280.17	399.99	513.12	615.03
	OD 200 mm	222.83	342.77	495.52	632.47	758.33
	OD 225 mm	293.90	453.75	651.16	832.13	1000.75
	OD 250 mm	362.57	561.33	801.10	1029.11	1235.16
	OD 280 mm	455.60	699.09	1004.90	1287.93	1547.59
	OD 315 mm	571.94	889.24	1274.91	1630.34	1957.88

Note: Excise duty, CST / VAT extra as applicable at the time of supply.

The IPCL resin cost adopted for the above rates are

For PE - 80 grade Rs.40,733/- per MT. (Excluding CED)

The variation in cost of HDPE pipes due to increase/decrease in raw material cost shall be allowed subject to the following price variation formula.

The price variation formula to be adopted is as follows:

$$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.9 \text{ (for increase in raw material cost)}$$

$$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.9 \text{ (for decrease in raw material cost)}$$

P2 = Revised pipe price in Rs. Per Meter

P1 = Existing pipe price in Rs. Per Meter

A2 = Revised price of raw material Rs. Per MT

A1 = Existing price of raw material Rs. Per MT

M = Weight of pipe in Kgs per Meter as per weight chart.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR SFRC MAN-HOLE FRAME WITH COVERS

S.No.	Description	Unit	S S Rates for 2006-07
1	2	3	4
I	Manufacture as per BIS:12592 (Part 1&2) Supply & Delivery of manhole covers and frames anywhere in A.P., F.O.R. destination including, loading, un-loading & stacking at site but excluding central exise duty, sales tax, octroi and other Govt levies etc., as applicable.		
a)	M.D. -10 with 500mm dia clear opening	Each	712.80
b)	H.D.-20 with 500mm dia clear opening	Each	918.00
	H.D.-20 with 560mm dia clear opening	Each	985.20
	H.D.-35 with 560mm dia clear opening.	Each	1056.00
II	Manufacture as per companys standard specification supply and delivery of encapsulated plastic steps for man holes anywhere in A.P. including cost of materials packing as per companys standards, loading, transportation, unloading and stacking at site of work etc, complete but excluding taxes such as sales tax,C.E.D and others etc., as applicable.	Each	78.00

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR C.I. D/F VALVES FOR THE YEAR 2006-07

Code No.	Description			
1	2	3	4	5
1(a)	Manufacture, Supply and delivery of CI D/F sluice valves conforming to IS 14846/2000 with amdt. No.1 & 2 components / parts. Excluding transportation, Central Excise duty and sale tax etc., complete. The valves shall be tested for (closed and test) against Hydrostatic test requirement. ISI Marked.			
	With Cap Rate/Each	PN-1.0	PN-1.6	
	DIA IN MM	Rs.	Rs.	
	50	1230.00	1225.00	
	65	1332.00	1482.00	
	80	1612.00	1690.00	
	100	2152.00	2250.00	
	125	2665.00	2790.00	
	150	3364.00	3500.00	
	200	6076.00	6600.00	
	250	8965.00	9700.00	
	300	10829.00	11500.00	
1(b)	Manufacture, Supply and delivery of CI D/F sluice valves conforming to IS 14846/2000 with amdt. No.1 & 2 components / parts. Excluding transportation, Central Excise duty and sale tax etc., complete. The valves shall be tested for (closed and test) against Hydrostatic test requirement. ISI Marked.			
	With hand wheel Rate/Each	PN-1.0	PN-1.6	
	DIA IN MM	Rs.	Rs.	
	50	1250.00	1250.00	
	65	1398.00	1538.00	
	80	1705.00	1700.00	
	100	2255.00	2260.00	
	125	2814.00	2820.00	
	150	3373.00	3550.00	
	200	6533.00	6,700.00	
	250	9515.00	9,800.00	
	300	11389.00	11,710.00	

Code No.	Description			
1	2	3	4	5
1 (c)	Manufacture, Supply and delivery of CI D/F sluice valves conforming to IS 14846/2000 Non-rising spindle type with /SS 410 Spindle & GM working parts. excluding transportation, Central Excise duty and sale tax etc., complete. The operation can be done with handwheel/cap ISI Marked.			FOR Enclosed Spur Gear Arrangement with Thrust bearing for easy operation.
	With handwheel/cap Rate/Each	PN-1.0	PN-1.6	
	DIA IN MM	Rs.	Rs.	
	350	27799.00	35,734.00	7500.00
	400	34335.00	44,147.00	7500.00
	450	49392.00	63987.00	7500.00
	500	62118.00	78,652.00	7500.00
	600	83050.00	105,136.00	7500.00
	700	146176.00	N.A.	9000.00
	750	247475.00	N.A.	9000.00
	800	285863.00	N.A.	9000.00
	900	344584.00	N.A.	9000.00
2	Manufacture, Supply and delivery of CI D/F Non Return Valve Heavy Duty Round Body conforming to IS 5312/Part1/1984. excluding transportation, Central Excise duty and sale tax etc., complete. ISI Marked			
	Rate/Each	P.N 0.6	PN-1.0	PN-1.6
	DIA IN MM	Rs.	Rs.	Rs.
	50			1,323.00
	65			1,654.00
	80			1,985.00
	100			2,646.00
	125			3,308.00
	150		3,969.00	4,961.00
	200		7,917.00	9,896.00
	250		11,482.00	14,354.00
	300		17,275.00	21,593.00
	350	23,767.00		29,715.00
	400	30,369.00		37,958.00
	450	51,153.00		63,945.00

Code No.	Description			
1	2	3	4	5
	500	61,703.00		77,133.00
	600	98,579.00		123,228.00
3	Manufacture, Supply and delivery of CI D/F Kinetic Double Air Valve Heavy Duty suitable for working pressure upto 16kg/Cm2 without isolating valve, conforming to IS 14845 excluding transportation, Central Excise duty and sale tax etc., complete. ISI Marked			
	DIA IN MM	Rate/Each	Rs.	
	40		1,764.00	
	50		2,132.00	
	80		2,852.00	
	100		3,822.00	
	150		8,610.00	
	200		14,259.00	
4	Manufacture, Supply and delivery of CI D/F Double Air Valve suitable for working pressure upto 10kg/Cm2 conforming to G & K Fig.H7 excluding transportation, Central Excise duty and sale tax etc., complete. ISI Marked			
	DIA IN MM	Rate/Each		
	40		1,095.00	
	50		1,512.00	
	80		2,095.00	
	100		2,599.00	
	150		6,773.00	
	200		11,813.00	
5	Manufacture, Supply and delivery of CI D/F Kinetic Air Valve as per IS:14845 Heavy Duty with isolating valve bevel gear operated as per IS 14846 excluding transportation, Central Excise duty and sales tax etc., complete. ISI Marked			
	DIA IN MM	Rate/Each in Rs.		
		PIN 1.0	PIN 1.6	
	40	5,021.00	5,775.00	
	50	5,859.00	6,738.00	

Code No.	Description			
1	2	3	4	5
	80	7,718.00	8,873.00	
	100	10,631.00	12,233.00	
	150	20,948.00	24,098.00	
	200	31,238.00	35,926.00	
6	Manufacture, Supply and delivery of CI D/F Kinetic Air Valve as per G & K H 42 K with isolating valve bevel gear operated as per IS 14845 excluding transportation, Central Excise duty and sales tax etc., complete. ISI Marked			
	DIA IN MM	Rate/Each in Rs.		
		PIN 1.0	PIN 1.6	
	40	4,016	5,021	
	50	4,686	5,859	
	80	6,174	7,718	
	100	8,505	10,631	
	150	16,758	20,948	
	200	24,990	31,238	
	Conveyance of valves and accessories including loading at factory and unloading, stacking of site of work.	10% on basic cost of valves		

Note: The duties and taxes as applicable may be added as rules at the time of preparation of estimate.

RATES FOR WATER HAMMER CONTROL DEVICES FOR THE YEAR 2006-07

Code No.	Description	TEST PRESSURE				Additional charges for Flanged ended valves
		10 Kgs/cm²	15 Kgs/cm²	20 Kgs/cm²	25 Kgs/cm²	
1	2	3	4	5	6	7
	Manufacture, Supply and delivery of zero velocity valve/ PSLV with CI body with flanged ends as per AWWA, Ex-factory excluding transportation, Central Excise duty and sale tax etc., complete.					
	DIA IN MM	Rate/Each				
	100					
	125					
	150	36375.00	42459.00	44968.00	49465.00	
	200	38000.00	43700.00	46978.00	51675.00	
	250	42875.00	49306.00	53004.00	58304.00	
	300	48250.00	55488.00	59650.00	65615.00	
	Manufacture, Supply and delivery of zero velocity valve/ PSLV with MS Fabricated Body with Plain ends. as per AWWA, Ex-factory excluding trans- portation, Central Excise duty and sale tax etc., complete.					
	DIA IN MM	Rate/Each				
	350	49055.00	56413.00	60644.00	66709.00	4250.00
	400	54223.00	62356.00	67033.00	73738.00	5125.00
	450	63066.00	72526.00	77965.00	85763.00	6125.00
	500	72888.00	83820.00	90108.00	99119.00	6625.00
	525/550	78290.00	89000.00	98023.00	107825.00	8563.00
	600	87659.00	100808.00	108369.00	119205.00	12215.00
	650	98125.00	107938.00	122688.00	132438.00	13813.00
	700	114375.00	125875.00	143000.00	154438.00	16500.00
	750	126688.00	139375.00	158375.00	171063.00	18525.00
	800	154328.00	177478.00	190788.00	209865.00	20875.00
	900	183429.00	210943.00	222500.00	249440.00	25250.00
	1000	222500.00	222500.00	222500.00	309188.00	32063.00
	1050	224725.00	224725.00	224725.00	325550.00	33345.00
	1100	283475.00	321438.00	350454.00	385500.00	37125.00
	1200	341188.00	375313.00	427563.00	460625.00	42000.00
	1400	511782.00	562969.50	641344.50	690937.50	63000.00
	1500	596313.00	655938.00	745375.00	804938.00	59063.00
	1600	608239.26	669056.76	760282.50	821036.76	60244.26

Code No.	Description	TEST PRESSURE				Additional charges for Flanged ended valves
		10 Kgs/cm ²	15 Kgs/cm ²	20 Kgs/cm ²	25 Kgs/cm ²	
1	2	3	4	5	6	7
	Manufacture, Supply and delivery of Air Cushan valves / Quick Released damped Air Valves (QRDA) as per AWWA, Ex-factory excluding transportation, Central Excise duty and sale tax etc., complete.					
	DIA IN MM	Rate/Each				
	100	31750.00	36513.00	40164.00	44180.00	
	150	48250.00	55488.00	61036.00	67140.00	
	200	51500.00	59225.00	65148.00	71663.00	
	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.	10% on basic cost of valves				

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR DI D/F VALVES FOR THE YEAR 2006-07

Code No.	Description	TEST PRESSURE			
		PN 10	PN 16	PN 25	PN 40 Max. ^ P 32 bar
1	2	3	4	5	6
1	Manufacture, supply and delivery of Single Chamber DI DUOJET Air Valve with Body and cover in Ductile Iron of grade GGG40. All internal parts such as float, shell etc., all cover bolts, of austenitic alloy steel, Dn50 Float of HOSTAFILON and Gaskets and seals of EPDM. Epoxy powder coating (EP-P) inside and outside colour blue RAL 5005.				
	DIA IN MM Rate/Each in Rs.				
	50	22150	22150	28500	
	80	29550	29550	29550	
	100	34500	34500	39675	
	150	42000	42000	48000	
	200	46000	46000	53500	
2	Manufacture, Supply and delivery of DI D/F EKO/EKO plus Gate Valves (Soft Seated) Resilient seated soft sealing gate valves (Sluice valves) with body bonnet of ductile cast iron of grade GGG40, wedge fully rubber lined with EPDM and seals of NBR and the valves should be of vacuum tight and 100% leak proof with face to face dimensions as per BS5163-89/IS14846-2000/DIN3202 F 4. All the valves should be with Electrostatic powder coating both inside and outside without pocket less body passage.				
	DIA IN MM Rate/Each in Rs.				
	50	5303	5303		
	80	6790	6790		
	100	8970	8970		
	150	14670	14670		
	200	23640	23640		
	250	32462	32462		
	300	54912	54912		
	350	160227	160227		
	400	177078	177078		

Code No.	Description	TEST PRESSURE			
		PN 10	PN 16	PN 25	PN 40 Max. ^ P 32 bar
1	2	3	4	5	6
3	Manufacture, Supply and delivery of DI D/F EKN Butterfly Valves Double eccentrically Disc., with renewable soft seal on the disc and Body seat face of nickel weld overlay micro finished, with powder or liquid Epoxy coating with minimum thickness of 250 microns applied on both body and disc inside and outside. Face to face dimensions as per EN558-1 basic series 14 (DIN3202 F4) or AWWA C 504:80 or BS 5155 or IS:13095.				
	DIA IN MM Rate/Each in Rs.				
	400	123348	139748	162707	230632
	450	135414	150291	191407	
	500	136702	161360	256595	285000
	600	179166	252964	297828	312284
	700	353704	425628	560925	
	800	383458	528301	818691	
	900	603681	707408		
	1000	704070	879897	1187155	
	1100	812190			
	1200	975249	1209295	1326201	
4	Manufacture, Supply and delivery of DI D/F Tilting disc Swing Check Valves Slanted/Straight seated with metallic, corrosion proof and wear resistant seat faces, Body and Disc of ductile cast iron GGG 40/SG IRON 420/12. Shafts of stainless steel, shaft baring of zincfree bronze and sead faces with nickel weld over lay, micro finished. All the inside and outside of the body is to be coated with double coating of epoxy liquid lacquer (EP-F).				
	DIA IN MM Rate/Each in Rs.				
	200	57038	60431	88628	116006
	250	62771	66573	107640	136013
	300	78683	83363	131040	166023
	350	92606	98163	149058	181233
	400	112496	119223	150930	196268
	500	143033	151691	191295	251726
	600	214600	227500	282000	364500

Code No.	Description	TEST PRESSURE			
		PN 10	PN 16	PN 25	PN 40 Max. ^ P 32 bar
1	2	3	4	5	6
	700	309750	337800	412900	523600
	800	387300	422100	520650	659600

Note: All the prices are ex-godown, Coimbatore. Excise Duty and CST/Local Tax Extra as applicable at the time of supply. Packing and transportation extra at 5% on basic cost.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR RUBBER GASKETS SUITABLE FOR C.I/ D.I. S/S PIPES

Sl. No.	Description	Unit	S S Rates For 2006-07
1	2	3	4
	MANUFACTURE AS PER BIS 12820/89 WITH S.B.R. QUALITY RUBBER CONFIRMING TO BIS: 5382/85, SUPPLY AND DELIVERY OF RUBBER GASKETS SUITABLE FOR C.I/ D.I. S/S PIPES ANYWHERE IN A.P. INCLUDING COST OF MATERIAL, LOADING, INCIDENTAL HANDLING WITH COMPANY'S STANDARD PACKING, TRANSPORTATION, UNLOADING & STACKING BUT EXCLUDING CENTRAL EXCISE DUTY, SALES TAX, OCTROI AND OTHER GOVT. LEVIES ETC., COMPLETE.		
	80mm dia	Each	25.02
	100mm dia	Each	36.00
	150mm dia	Each	57.46
	200mm dia	Each	70.47
	250mm dia	Each	78.79
	300mm dia	Each	120.51
	350mm dia	Each	152.01
	400mm dia	Each	165.91
	450mm dia	Each	178.92
	500mm dia	Each	269.77
	600mm dia	Each	318.82
	700mm dia	Each	423.81
	750mm dia	Each	470.88
	800mm dia	Each	564.70
	900mm dia	Each	681.78
	1000mm dia	Each	745.56

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR PVC PIPES FOR THE YEAR 2006-07

Code No.	Description	TEST PRESSURE			
		2.5 Kgs/cm ²	4.0 Kgs/cm ²	6 Kgs/cm ²	10 Kgs/cm ²
1	2	3	4	5	6
	Manufacture, Supply and delivery of Unplasticised PVC Pipes for potable water supplies conforming to IS : 4985/2000 (third revision) with bell ends (Socket) as per specification in light Grey/Natural Ivory Grey/ Any other Color (except White) inclusive of transportation to the sub-divisional stores anywhere in AP excluding Excise duty and Sales Tax etc.				
	DIA IN MM Rate/Metre				
	20	--	--	--	6.28
	25	--	--	--	9.81
	32	--	--	--	15.66
	40	--	--	15.48	24.02
	50	--	--	22.80	37.29
	63	--	24.50	34.91	53.92
	75	--	35.10	48.69	77.00
	90	32.35	49.43	69.77	109.15
	110	48.75	71.50	101.28	163.87
	125	62.86	93.25	127.24	214.75
	140	77.00	116.20	165.93	264.11
	160	102.45	153.55	215.82	348.90
	180	128.52	195.80	279.39	447.96
	200	165.12	238.30	337.91	542.59
	225	213.13	313.72	453.06	721.52
	250	257.00	339.60	559.95	880.41
	280	331.27	478.94	706.08	1,116.61
	315	416.94	608.13	885.24	1,407.87

Note: The IPCL resin cost adopted for the above rates are Rs.49,000/- per MT (including CED)

The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.

The price variation formula to be adopted is as follows:

$P2 = P1 + (A2 - A1) / 1000 \times M \times 0.95$ (for increase in raw material cost)

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.95$ (for decrease in raw material cost)

P2 = Revised pipe price in Rs. Per Meter

P1 = Existing pipe price in Rs. Per Meter

A2 = Revised price of raw material Rs. Per MT

A1 = Existing price of raw material Rs. Per MT

M = Weight of pipe in Kgs per Meter as per weight chart.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

OTHER ITEMS

Sl. No.	Description	Unit	S S Rates for 2006-07
1	2	3	4
1	SUPPLY AND DELIVERY OF PIG LEAD 99.99 % PURE INCLUDING COST AND CONVEYANCE ETC., COMPLETE.	Per Kg	53.57
2	SUPPLY AND DELIVERY OF SPUN YARN OF BEST QUALITY INCLUDING COST AND CONVEYANCE ETC., COMPLETE.	Per Kg	41.25
3	SUPPLY AND DELIVERY OF RUBBER PACKING INCLUDING COST AND CONVEYANCE ETC., COMPLETE.		
	a) 3 mm thick	Per Kg	35.20
	b) 6 mm thick	Per Kg	39.05
4	SUPPLY AND DELIVERY OF BOLTS AND NUTS WITH DOUBLE WASHERS INCLUDING COST AND CONVEYANCE ETC., COMPLETE. (1/2" TO 1")	Per Kg	41.40

RATES FOR CI PIPES AND SPECIALS

Sl. No.	Description	Quality or sort	Rate/ Kg including packing, forwarding, transit risk and delivery anywhere in A.P. for the year 2006-07 Rs.
1	2	3	4
	MANUFACTURE, SUPPLY AND DELIVERY OF CAST IRON PIPES AND FITTINGS (Spls.) CONFIRMING TO I.S. No. 7181/1986, 5531/1988, 3950/1979 AND C.I.D. JOINTS CONFIRMING TO IS No.8794/1988 AT SITE OF WORK ANYWHERE IN A.P. INCLUDING, LOADING, UNLOADING, TRANSPORTATION TO SITE OF WORK STACKING AT SITE TRANSIT RISK AND PACKAGE, EXCLUDING TAXES AND DUTIES.	I.S. No. 7181/1986 5531/1988 3950/1979 & 8794/1988	33.25
	Foot Note: The rate of CI pipes, CI Specials and CID Joints etc., which are to be incorporated in the SSR are based on the following raw materials cost.		
	Pig Iron: Rs.20,000/- per M.T.		
	Coke : Rs.20,000/- per M.T.		
	The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method. For every increase/decrease of Rs.1000/- in the cost of raw materials or part there of proportionately.		
	In respect of Pig Iron: The increase/decrease in cost of CI Specials per Kg is 3.43%.		
	In respect of coke: The increase/decrease in cost of CI Specials per Kg is 0.67%.		
	The above price is at site of work , Excise duty, CST/VAT extra as applicable at the time of supply.		

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR SALT GLAZED STONEWARE PIPES AND FITTINGS

Sl. No.	Description	Unit	S S Rate for 2006-07
1	2	3	4
	MANUFACTURE, SUPPLY AND DELIVERY OF SALT GLAZED STONEWARE PIPES AND FITTINGS AS PER B.I.S. No. 651/1992 F.O.R. DEPARTMENTAL STORES ANYWHERE IN A.P. INCLUDING PACKING AS PER STANDARD SPECIFICATION, LOADING AT FACTORY, TRANSPORTATION, UNLOADING AND STACKING ETC., COMPLETE BUT EXCLUDING VAT AND OTHER GOVT. LEVIES.		
	Salt Glazed Stoneware pipes.		
	4" dia (101.6 mm)	1 Rmt.	Rates as proposed by R & B in S & WS items for Building items
	6" dia (152.4 mm)	1 Rmt.	
	8" dia (203.2 mm)	1 Rmt.	
	10" dia (254.0 mm)	1 Rmt.	
	Bends (Dia in mm)		
	100	Each	31.13
	150	Each	57.64
	200	Each	109.12
	250	Each	220.33
	Junctions (T's & Y's) (Dia in mm)		
	Length of barrel is 60 cm		
	100 x 100	Each	57.64
	150 x 100	Each	85.69
	150 x 150	Each	93.50
	200 x 100	Each	132.44
	200 x 150	Each	155.87
	200 x 200	Each	179.19
	250 x 100	Each	210.43
	250 x 150	Each	277.31
	250 x 200	Each	344.19
	250 x 250	Each	411.07
	Plugs (Diameter in mm)		
	100	Each	11.44
	150	Each	21.78
	200	Each	41.80
	250	Each	72.71
	S.W. Gully Traps (Round and Square)		
	150 mm x 100 mm	Each	88.77

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

RATES FOR FUSION BONDED EPOXY COATING

Sl. No.	Description	Unit	S S Rate for 2006-07
1	2	3	4
	Providing fusion bonded epoxy coating not less than 175 microns thickness and upto 300 microns to reinforcement of all diameters as per IS 13620-1993 including testing of coating at plant. The rate is inclusive of cost on account of careful handling, PVC coated binding wire instead of GI binding wire, touch up material supplied by coating agency, repair work, transportation from the source of supply of steel to the plant and transportation of coated steel from the plant to site of work, loading, unloading and traightening of bent rods etc., complete as per specification and as directed by the Engineer-in-charge.	Per MT	8964.00

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

**RATES FOR C.I. BUTTERFLY VALVES (WAFER LUG) FOR THE YEAR
2006-07**

Code No.	Description	TEST PRESSURES		
		3	4	5
1	2			
	Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory.	PN-0.25	PN-0.6	PN-1.0
	DIA IN MM Rate / Each	Rs.	Rs.	Rs.
	40	1590.00	1640.00	1720.00
	50	1725.00	1775.00	1870.00
	65	2035.00	2100.00	2200.00
	80	2510.00	2590.00	2735.00
	100	3360.00	3470.00	3650.00
	125	4210.00	4340.00	4565.00
	150	5050.00	5200.00	5475.00
	200	7860.00	8100.00	8500.00
	250	11250.00	11600.00	12200.00
	300	15500.00	16000.00	18800.00
	350	23500.00	24200.00	25200.00
	400	28300.00	29200.00	30700.00
	450	36400.00	37500.00	39500.00
	500	49100.00	50600.00	53200.00
	600	71500.00	73700.00	77500.00
	700	106700.00	109700.00	113000.00
	800	147000.00	151500.00	155150.00
	900	183000.00	188000.00	192600.00
	1000	223000.00	230000.00	235400.00
	1100	264000.00	272000.00	278200.00
	1200	299000.00	308000.00	322000.00

Note: All the prices are ex-factory. Excise duty and CST / Local Tax extra as applicable at the time of supply. Packing and transportation extra at 2% on basic cost.

Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.

Conveyance Rates of Materials

**RATES FOR CONVEYANCE OF EARTH,SAND&GRAVEL INCLUDING
LOADING, UNLOADING & STACKING ON METALLED ROAD**

S. No.	LEAD	PER	SS rate for 2006-07
1	2	3	4
1	UP TO 250 METRES	cum	40.70
2	250 To 500 METRES	cum	60.10
3	1 Km.	cum	78.80
4	2 Km.	cum	82.50
5	3 Km.	cum	87.30
6	4 Km.	cum	91.20
7	5 Km.	cum	95.00
8	6 Km.	cum	103.20
9	7 Km.	cum	108.30
10	8 Km.	cum	112.40
11	9 Km.	cum	117.40
12	10 Km.	cum	121.60
13	11 Km.	cum	127.70
14	12 Km.	cum	130.50
15	13 Km.	cum	134.60
16	14 Km.	cum	139.40
17	15 Km.	cum	143.60
18	16 Km.	cum	146.40
19	17 Km.	cum	152.60
20	18 Km.	cum	156.90
21	19 Km.	cum	160.70
22	20 Km.	cum	165.70
23	Beyond 20 and up to 30 Km (Rate/Km)	cum	3.70
24	Beyond 30 and up to 50 Km (Rate/Km)	cum	3.60
25	Beyond 50 and up to 80 Km (Rate/Km)	cum	3.50
26	Beyond 80 and up to 100 Km (Rate/Km)	cum	3.30
27	Beyond 100 Km (Rate / Km)	cum	3.10
28	L O A D I N G	cum	7.90
29	U N L O A D I N G	cum	6.50
30	S T A C K I N G	cum	4.20

**RATES FOR CONVEYANCE OF METAL, STONE, RUBBLE INCLUDING
CUDDAPAH SLABS INCLUDING LOADING, UNLOADING & STACKING ON
METALLED ROAD**

S. No.	LEAD	UNIT	SS Rate for 2006-07
1	2	3	4
1	UP TO 500 mts.	cum	91.60
2	1 Km.	cum	95.40
3	2 Km.	cum	97.80
4	3 Km.	cum	102.70
5	4 Km.	cum	106.80
6	5 Km.	cum	110.60
7	6 Km.	cum	122.10
8	7 Km.	cum	125.00
9	8 Km.	cum	127.40
10	9 Km.	cum	134.10
11	10 Km.	cum	137.00
12	11 Km.	cum	141.70
13	12 Km.	cum	147.30
14	13 Km.	cum	151.30
15	14 Km.	cum	156.60
16	15 Km.	cum	159.30
17	16 Km.	cum	163.30
18	17 Km.	cum	168.60
19	18 Km.	cum	172.70
20	19 Km.	cum	175.30
21	20 Km.	cum	181.80
22	Beyond 20 and up to 30 Km (Rate/Km)	cum	4.80
23	Beyond 30 and up to 50 Km (Rate/Km)	cum	4.30
24	Beyond 50 and up to 80 Km (Rate/Km)	cum	4.00
25	Beyond 80 and up to 100 Km (Rate/Km)	cum	3.80
26	Beyond 100 Km (Rate / Km)	cum	3.50
27	L O A D I N G	cum	10.10
28	U N L O A D I N G	cum	6.90
29	S T A C K I N G	cum	6.90

**RATES FOR CONVEYANCE OF LIME STONE, BROKEN LATERITE AND
BRICK JELLY INCLUDING LOADING, UNLOADING & STACKING ON
METALLED ROAD**

S. No.	LEAD	UNIT	SS Rate for 2006-07
1	2	3	4
1	0 To 250 mts.	cum	87.90
2	251 To 500 mts.	cum	88.60
3	1 Km.	cum	91.50
4	2 Km.	cum	93.70
5	3 Km.	cum	98.50
6	4 Km.	cum	102.60
7	5 Km.	cum	106.70
8	6 Km.	cum	114.90
9	7 Km.	cum	119.30
10	8 Km.	cum	123.50
11	9 Km.	cum	127.40
12	10 Km.	cum	129.80
13	11 Km.	cum	135.40
14	12 Km.	cum	138.30
15	13 Km.	cum	144.00
16	14 Km.	cum	147.30
17	15 Km.	cum	150.90
18	16 Km.	cum	154.60
19	17 Km.	cum	158.40
20	18 Km.	cum	163.00
21	19 Km.	cum	167.40
22	20 Km.	cum	170.30
23	Beyond 20 and up to 30 Km (Rate/Km)	cum	4.40
24	Beyond 30 and up to 50 Km (Rate/Km)	cum	4.20
25	Beyond 50 and up to 80 Km (Rate/Km)	cum	3.50
26	Beyond 80 and up to 100 Km Rate/Km)	cum	3.30
27	Beyond 100 Km (Rate / Km)	cum	3.00
28	L O A D I N G	cum	8.00
29	U N L O A D I N G	cum	6.40
30	S T A C K I N G	cum	4.40

**RATES FOR CONVEYANCE OF SURKI AND FLYASH INCLUDING LOADING,
UNLOADING & STACKING ON METALLED ROAD**

S. No.	LEAD	UNIT	SS Rate for 2006-07
1	2	3	4
1	0 To 250 mts.	Tonne	75.10
2	250 To 500 mts.	Tonne	75.60
3	1 Km.	Tonne	79.00
4	2 Km.	Tonne	82.90
5	3 Km.	Tonne	85.10
6	4 Km.	Tonne	89.00
7	5 Km.	Tonne	92.60
8	6 Km.	Tonne	100.10
9	7 Km.	Tonne	103.80
10	8 Km.	Tonne	107.10
11	9 Km.	Tonne	110.20
12	10 Km.	Tonne	113.90
13	11 Km.	Tonne	117.00
14	12 Km.	Tonne	120.20
15	13 Km.	Tonne	124.20
16	14 Km.	Tonne	126.60
17	15 Km.	Tonne	130.10
18	16 Km.	Tonne	134.00
19	17 Km.	Tonne	137.00
20	18 Km.	Tonne	141.10
21	19 Km.	Tonne	143.90
22	20 Km.	Tonne	146.90
23	Beyond 20 and up to 30 Km (Rate/Km)	Tonne	3.40
24	Beyond 30 and up to 50 Km (Rate/Km)	Tonne	3.30
25	Beyond 50 and up to 80 Km (Rate/Km)	Tonne	3.10
26	Beyond 80 and up to 100 Km (Rate/Km)	Tonne	2.60
27	Beyond 100 Km (Rate / Km)	Tonne	2.60
28	L O A D I N G	Tonne	13.50
29	U N L O A D I N G	Tonne	8.70
30	S T A C K I N G	Tonne	5.50

**RATES FOR CONVEYANCE OF STEEL AND LUBRICATING OIL INCLUDING
LOADING, UNLOADING & STACKING ON METALLED ROAD**

S. No.	LEAD	UNIT	SS Rate for 2006-07
1	2	3	4
1	0 To 500 mts.	Tonne	103.30
2	1 Km.	Tonne	104.80
3	2 Km.	Tonne	109.00
4	3 Km.	Tonne	113.60
5	4 Km.	Tonne	117.80
6	5 Km.	Tonne	121.90
7	6 Km.	Tonne	132.50
8	7 Km.	Tonne	136.00
9	8 Km.	Tonne	140.90
10	9 Km.	Tonne	144.80
11	10 Km.	Tonne	149.80
12	11 Km.	Tonne	154.40
13	12 Km.	Tonne	158.40
14	13 Km.	Tonne	163.10
15	14 Km.	Tonne	166.90
16	15 Km.	Tonne	171.80
	16 Km.	Tonne	175.50
18	17 Km.	Tonne	179.70
19	18 Km.	Tonne	184.20
20	19 Km.	Tonne	188.40
21	20 Km.	Tonne	194.00
22	Beyond 20 and up to 30 Km (Rate/Km)	Tonne	4.20
23	Beyond 30 and up to 50 Km (Rate/Km)	Tonne	3.50
24	Beyond 50 and up to 80 Km (Rate/Km)	Tonne	3.50
25	Beyond 80 and up to 100 Km (Rate/Km)	Tonne	3.00
26	Beyond 100 Km (Rate / Km)	Tonne	2.80
27	L O A D I N G	Tonne	17.60
28	U N L O A D I N G	Tonne	13.60
29	S T A C K I N G	Tonne	7.90

**RATES FOR CONVEYANCE OF C.I. PIPES, SPECIALS & VALVES PER METRIC TONNE
EXCLUDING LOADING UNLOADING & STACKING
DIAMETER IN M.M.**

Lead in Kilometers	80	100	125	150	200	250	300	350	400	450	500	600	700	750	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
For every K.M. or part thereof 2006-07	2.97	3.08	3.19	3.19	3.41	3.52	3.30	3.74	3.85	4.07	4.29	4.29	5.17	7.04	

Note :- The above rates will be applicable for conveyance from Railway Station to Stores or from Stores to Work Site.
In respect of D.I. Pipes proportionate rates based on weight may be worked out.

Adopt relevant loading, unloading and stacking as per item 4 to 7 of the P.H.S.S.R item.

**RATES FOR CONVEYANCE OF BRICKS, MANGLORE TILES, TERRACE
BRICKS, FLAT TILES, LIME, COKE, A.C. SHEETS AND WOOD INCLUDING
LOADING, UNLOADING & STACKING ON METALLED ROAD**

S.No	Description	S S RATE FOR 2006-07			
		Bricks Mangalore Tiles 2500 Kgs per 1000 Nos	Terrace Bricks, Flat Tiles pan tiles 2500 Kgs per 1000 Nos	Lime coke & wood 1000 Kgs/ Cum	A.C sheets per tonne
1	2	3	4	5	6
1	0 - 500 Mts	167.20	46.50	61.70	61.70
2	1 km	171.70	47.10	62.80	62.80
3	2 Km	177.30	49.10	66.10	66.10
4	3 Km	183.00	50.40	69.00	69.00
5	4 Km	188.70	53.60	70.50	70.50
6	5 Km	194.40	55.00	73.00	73.00
7	6 Km	209.10	60.40	78.90	78.90
8	7 Km	216.40	61.90	81.00	81.00
9	8 Km	220.80	64.50	84.00	84.00
10	9 Km	226.20	65.70	86.80	86.80
11	10 Km	232.60	69.10	89.40	89.40
12	11 Km	240.00	70.70	90.70	90.70
13	12 Km	245.90	73.70	94.20	94.20
14	13 Km	249.80	75.00	97.20	97.20
15	14 Km	256.20	76.40	99.90	99.90
16	15 Km	263.00	78.90	101.20	101.20
17	16 Km	269.60	81.00	104.40	104.40
18	17 Km	274.90	84.00	107.60	107.60
19	18 Km	279.80	85.40	110.50	110.50
20	19 Km	286.70	88.20	111.80	111.80
21	20 Km	293.00	89.40	114.30	114.30
22	BEYOND 20 to 50 Km (per Km)	8.20	2.60	3.60	3.60
23	Above 50 Km (per Km)	6.80	2.00	3.20	3.20
24	loading	17.60	8.50	8.50	8.50
25	Unloadng	14.10	6.80	6.50	6.50
26	Stacking	6.80	5.10	4.50	4.50
	Total	38.50	20.40	19.50	19.50

HIRE CHARGES

Hire Charges for Plant and Machinery

Note:

It has been decided during meeting that the Chief engineer,, Roads, R&B Department will arrive at hire Charges of machinery and approach Government / MORTH for approval before adoption for this data.

ANNEXURE

Seigniorage and Cess charges:

- i) The seigniorage charges as existing actually may be added in the data rates in the estimates.
- j) ii) The revised seigniorage charges as fixed by the Government in G.O. Ms. No. 217 Industries and Commerce (M-1) Department dated 29-9-2004, shall be as follows:

Sl.No	Name of the Minor Mineral	Unit	Rates of seigniorage fee(In Rupees)
1	2	3	4
1	Building Stone	M ³ /MT	Rs 45/ 30(Rupees Forty five/Thirty)
2	Rough Stone/Boulders	M ³ /MT	Rs 45/ 30(Rupees Forty five/Thirty)
3	Road Metal & Ballast	M ³ /MT	Rs 45/ 30(Rupees Forty five/Thirty)
3(a)	Dimensional Stone used for Kerbs & Cubes	MT	Rs 80(Rupees Eighty)
4	Limekankar/Limestone	MT	The rate of Royalty as applicable to limestone(other than L.D.Grade) in respect of Major Minerals as per the 2 nd schedule of the Mines and Minerals (D&R)Act 1957.
5	Limeshell	MT	Rs 80(Rupees Eighty)
6	Marble	M ³ /MT	Rs.150/60(Rupees one hundred and fifty/sixty)
7	Marble Chips	MT	Rs.40(Rupees Forty)
8	Moram/Gravel&Ordinary earth	M ³ /MT	Rs.20/12(Rupees Twenty/Twelve)
9	Ordinary Sand/Sand Manufactured from Boulders useful for Civil Construction	M ³	Rs.36(Rupees Thirty Six)
10	Shingle	M ³	Rs.15(Rupees Fifteen)
11	Chalcedony Pebbles	MT	Rs.30(Rupees Thirty)
12	Puller's Earth/Bentonite	MT	Rs.100(Rupees Hundred)-White Rs.40(Rupees Forty)-Off White
13	Shale/Slate	MT	Rs.100(Rupees Hundred)
14	Rehmati	M ³	Rs.15(Rupees Fifteen)
15 a(i)	Limestone Slabs Colour	--	Rs.6(Rupees Six)per Sq.Mt or Rs.80(Rupees Eighty)per Mt Which ever is higher
a(ii)	White	--	Rs.4(Rupees Four)per Sq.Mt or Rs.50(Rupees Fifty)per Mt Which ever is higher
(b)	Black	--	Rs.3(Rupees Three)per Sq.Mt or Rs.40(Rupees Forty)per Mt Which ever is higher

Sl.No	Name of the Minor Mineral	Unit	Rates of seigniorage fee(In Rupees)
1	2	3	4
16	Ordinary Clay, Silt and Brick Earth used in the Manufacture of Bricks including Mangalore Tiles	--	Rs 3500 (Rupees Three thousand and five hundred)per kiln per annum for Bricks & Tiles

(Rate per Cubic metre)

17	Granite useful for Cutting & Polishing	More than 270 Cms x 150 cms Size	Below 270 cm x 150 cm size	Below 75 Cm Size
a	Black Granite Galaxy Variety	Rs.3000/- (Rupees three thousand)	Rs.2250/- (Rupees Two thousand two hundred and fifty)	Rs.1000/- (Rupees one thousand)
b.	Black Granite other than Galaxy Variety	Rs.2250/- (Rupees Two thousand two hundred and fifty)	Rs.1750/- (Rupees one thousand seven hundred and fifty)	Rs.750/- (Rupees Seven hundred and fifty)
c.	Colour Granite of Srikakulam Blue,Indian Aurora of Nizamabad District,Leptinites of Coastal Dists,Black Pearl of Prakasam &Guntur District	Rs.2250/- (Rupees Two thousand two hundred and fifty)	Rs.1750/- (Rupees one thousand seven hundred and fifty)	Rs.750/- (Rupees Seven hundred and fifty)
d.	Colour Granite of other Varities	Rs.1750/- (Rupees one thousand seven hundred and fifty)	Rs.1500/- (Rupees One thousand and five hundred)	Rs.750/- (Rupees Seven hundred and fifty)

Note: In respect of Black Galaxy Granite, Incentive of Rs.250(Rupees two hundred and fifty)per Cubic meter is allowed for the Blocks above 75 cms provided they are processed in the Granite industry within State/Country

SCHEDULE – II**Rates of Dead Rent**

SI No	Name of the Minor Mineral	Rate of Dead Rent per hectare per Annum
1	2	3
1	Black Granite	Rs.50,000/-(Rupees fifty thousand)
2	Colour Granite	Rs.40,000/-(Rupees forty thousand)
3	Limestone other than classified Major Minerals used for Lime burning for Building construction purpose, Marble, Boulders, Building stone including stone used for road metal, Ballast concrete and other construction purposes shale, slate and Phylits, Mosaic Chips, Fuller's Earth/Bentonite	Rs. 25,000/- (Rupees twenty five thousand)
4	Gravel, Morrum, Shingle, Lime Stone Slabs used for flooring purposes, Lime Kankar, Chalcedony Pebbles used in the Building purposes, Lime Shell for burning used for building purposes and Rehmatti	Rs. 15,000/- (Rupees fifteen thousand)

NOTE: -

1) The above rates are liable to be revised and amended from time to time by the State Government by Notification in the Andhra Pradesh Gazette.

2) In case of revision the revised rates as fixed by Mines and Geology Department have to be adopted.

Copy of

GOVERNMENT OF ANDHRA PRADESH
IRRIGATION & CAD (PW:COD) DEPARTMENT

ABSTRACT

I & CAD Department – Scrapping of manual rate of earth work from the estimates - Adoption of the machine rate in all cases for earth work excavation where the quantity exceeds 1000 cum – Amendment to Para 1.05 of Annexure.I of G.O.Ms.No.23, I & CAD (PW) Department dated: 05-3-1999 – Orders – Issued.

G.O.Ms.No.134,

Dated: 25-11-2002
Read the following:

- 1) G.O.Ms.No.23, I & CAD (PW) Department dt:05-3-1999.
- 2) From the Engineer-in-Chief (AW) Letter No.ADA/TC1/BOCE-3 item.3/ 2002, dt:05-9-2002.

ORDER:

In the circumstances reported by the Engineer-in-Chief (Admn. Wing) and recommendations of Board of Chief Engineers, Government after careful examination of the matter hereby issue amendment to Para 1.05 of Annexure.I of the G.O.Ms.No.23, I & CAD (PW:COD) Department dated:05-3-1999 in super session of the earlier orders issued in the matter to adopt machine rates in all the cases for earth work excavation where the quantities exceed 1000 cum with relaxation on the following items of works:

- 1) Earth work excavation for seating to lining for a depth of 0.10m to 0.15m for Canals / Channels.
- 2) Removal of silt and slushy soils from the Canals / Channels where depth of removal is less than 0.30 m.
- 3) Earthwork excavation for restricted foundation for small structures building foundations etc.,
- 4) Silt in slushy soils removal in lined canals, where movement of machinery is restricted.
- 5) Earth work Excavation for model sections, chutes etc., where the movement of machinery is restricted.

2. This order issues with the concurrence of Finance (Works & Projects) Department vide their U.O.No.7335 / F8 (2)/2002-1, dated:18-11-2002.

J.HARINARAYAN
PRINCIPAL SECRETARY TO GOVERNMENT