



GOVERNMENT OF ANDHRA PRADESH

**COMMON STANDARD SCHEDULE OF
RATES FOR
ALL ENGINEERING DEPARTMENTS FOR
THE YEAR 2005-2006**
(Effective from 1st June, 2005)

- 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.

INDEX

Sl. No.	Description	Page No.	
		From	To
1	Preamble	1	7
2	Labour Rates	8	12
3	Common Material & work Items	13	30
4	Building Items	31	90
5	Sanitary & Water Supply Items	91	132
6	Public Health Items	133	199
7	Conveyance Rates of Materials	200	208
8	Hire Charges & Others	209	216

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, Jaggaiahpet 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) 20% extra allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located 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: -

A. TRIAL TRENCHES:

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

B. TRIAL PITS:

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

II) EXCAVATION IN RESTRICTED PLACES:-

- | | | |
|--|---|------------|
| I) Foundation of Buildings | ò | 50% extra |
| II) For pipe lines where the depth is less ò than 1.5 times the width | | 75% extra |
| III) For pipe lines where the depth is 1.5 times or more than the width | ò | 120% extra |
| IV) Silt removal in restricted areas such as U. Tø., Culverts and Syphons. | ò | 120% extra |
| V) Excavation of field channels | ò | 75% extra |
| VI) For narrow trenches not more than 2 meters in width and depth not less | | |

than twice the width and for excavation of road boundary drains, model sections of canals. 75% extra

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.

7.0 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 $\frac{2}{3}$ 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. 1.10 per Km/ MT
Bulk	---	Rs. 1.10 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),dt: 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 F.(8)) 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 |

These rates are applicable to all Administrative sanctions and Technical sanctions accorded after this date on all works where earth work excavation is required to be done by machinery by all Engineering departments.

III) The earth work excavation by machinery Rs:8.12/cum
-rehandling(second operation)
(Asper G.O.Rt.No.868,Irr&CAD(PW Reforms)Dept ,Dt 25-11-04)

LABOUR RATES

RATES OF LABOUR

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2005-06
1	2	3	4	5
		(A) Skilled Workmen		
		First Class		
1	1a	Mason and stone Cutter	Day	156.00
2	b	Brick Layer	Day	156.00
3	c	Carpenter	Day	156.00
4	d	Painter	Day	156.00
5	e	Plumber	Day	156.00
6	f	Welder	Day	156.00
7	g	Fitter	Day	156.00
8	h	Electrician	Day	156.00
9	l	Cook	Day	156.00
10	2	Mechanic	Day	156.00
11	3	Rigger	Day	156.00
12	4	Rigger Syrang	Day	156.00
13	5	Well Sinker	Day	156.00
14	6	Blaster	Day	156.00
15	7	Tipper and Heavy Vehicle Driver above 12 T	Day	165.00
16		Tanker and Medium Vehicle Driver (7.5 T to 12 T)	Day	144.00
17		Tanker and Light Vehicle Driver up to 7.5 T	Day	130.00
18		Wagon Drill Operator upto 7.5 T	Day	165.00
19	8	Lorry and Heavy Vehicle Driver above 12 T	Day	165.00
20		Road Roller Driver (7.5 T to 12 T)	Day	144.00
21		Road Roller Driver up to 7.5 T	Day	130.00
22	9	Tractor Driver above 12 T	Day	165.00
23		Tractor Driver (7.5 T to 12 T)	Day	144.00
24		Tractor Driver upto 7.5 T	Day	130.00
		<u>Operator</u>		
25	10	Pan Mixer	Day	156.00
26		Concrete mixer	Day	156.00

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2005-06
1	2	3	4	5
27		Vibrator	Day	156.00
28		Compressor	Day	156.00
29		Jack Hammer	Day	156.00
30		Driller	Day	156.00
31		Boring Maistry	Day	156.00
32	11	Pump Operator	Day	156.00
33	12	Turner Grade-I	Day	156.00
34	13	Wireless Operator	Day	165.00
35	14	Assistant Wireless Operator	Day	137.00
36	15	Jeep Driver	Day	130.00
37	16	Work inspector with I.T.I qualification	Day	151.00
38	17	Work Inspector with LCE,LME,L.E.E Qualification	Day	165.00
39	18	Work Inspector with B.E (Civil, Mechanical and Electrical qualification)	Day	250.00
40	19	Work Inspector with Non-technical qualification SSLC/SSC/HSC	Day	137.00
41	20	Mason Spl. Grade for Mossaic and Polished shahabad stone floor	Day	165.00
42	21	Computer Operator	Day	137.00
	(B) SEMI-SKILLED WORKMEN			
		SECOND CLASS	Day	
43	1 a	Mason	Day	137.00
44	b	Brick Layer and Stone Cutter	Day	137.00
45	c	Carpenter	Day	137.00
46	d	Painter	Day	137.00
47	e	Plumber	Day	137.00
48	f	Blacksmith	Day	137.00
49	g	Welder	Day	137.00
50	h	Fitter	Day	137.00
51	l	Electrician	Day	137.00

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2005-06
1	2	3	4	5
52	2	Caulker	Day	137.00
53	3	Barbender	Day	137.00
54	4	Tinker	Day	137.00
55	5	Sawyer	Day	137.00
56	6	Brick-Moulder	Day	137.00
57	7	Pot-tile turner	Day	137.00
58	8	Pan -tile turner	Day	137.00
59	9	Brick and Lime Kiln man /Glazzer	Day	137.00
60	10	Telephone Operator	Day	137.00
61	11	Hand Driller	Day	137.00
62	12	Quarry man	Day	137.00
63	13	Hammer man	Day	137.00
64	14	Thatcher	Day	137.00
65	15	Fireman	Day	137.00
66	16	Cleaner/Helper	Day	137.00
67	17	Stone Packer	Day	137.00
68	18	Jawali	Day	137.00
69	19	Ex-Service man/Goorkha watchman	Day	106.00
70	20	Ratton worker	Day	137.00
71	21	Mate	Day	137.00
(C) UNSKILLED WORKMEN				
72	1	Head mazdoor(Mukaddar)	Day	106.00
73	2	Man mazdoor	Day	106.00
74	3	Watch man	Day	106.00
75	4	Picottah man	Day	deleted
76	5	Woman Mazdoor	Day	106.00
77	6(a)	Casual labour on loading & Un-loading operations	Day	
78	6(b)	Helpers/Cleaners/Sweepers/Scavangers/ Choukidaars/Security Guards/Office Boys	Day	

Sl. No.	S.S. Item No.	Description	Unit (per)	S S RATE FOR 2005-06
1	2	3	4	5
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	151.00
81	2	Bullock pair with driver	Day	151.00
82	3	Bullock pair with driver and cart	Day	165.00
83	4	Bullock pair with driver and cart with Pneumatic tyres	Day	208.00
84	5	Bullock pair with driver and kapila	Day	deleted
85	6	Nava with crew	Day	144.00
86	7	Punt thundal	Day	116.00
87	8	Punt lascar	Day	116.00
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 MATERIALS AND WORK ITEMS

RATES OF COMMON MATERIALS AND WORK ITEMS

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
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	94.00
90	b.i	For SS Revetment work 225 mm	1 cum	50.00
91	b.ii	For SS Revetment work 300 mm	1 cum	66.50
92	b.iii	For SS Revetment work 450 mm	1 cum	80.00
93	c	Jeddy Stone above 450 mm to 600 mm	1 cum	110.00
94	d I.	Laterite for revetment 225 mm	1 cum	68.50
95	d II.	Laterite for revetment 300 mm	1 cum	80.00
96	d.iii	Granite for SS revetment 225 mm	1 cum	82.00
97	d.iv	Granite for SS revetment 300 mm	1 cum	95.00
		Note:- Only when other granite is not available		
98	E	Laterite for masonry	1 cum	80.00
99	F	Cyclopean stones above 0.2 cum	1 cum	148.00
100	G	For R.R.Masonry works (granite, dolomite and trap variety	1 cum	109.00
101		NOTE:- For items 22(a) to 22(c), 22d(iii), 22d(iv) 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	157.00
103	B	For other varieties	1 cum	108.00
104	27	Granite stone slabs for culverts, lintels and copings (3 faces dressed coarse rubble masonry)	1 cum	998.00
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	16.00

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
107	b	Chainage stones and Centre line stones (750x150x150xmm)	each	21.00
	29 a	Kilometers stones (1100 x 370 x 250 mm)	each	deleted
	b	5th Kilometers stones (1520 x 520 x 250 mm)	each	deleted
	30 a	Hectometers stones (900 x 200 x 200 mm)	each	deleted
108	31	Demarcation Stones (900 x 150 x 150 mm)	each	33.00
109	32 a	Guard Stones (1200 x 200 x 200 mm)	each	52.00
110	b	Guide Stones (800 x 150 x150 mm)	each	33.00
111	c	Carving letters and figures in stone up to 100 mm size	each	3.20
112	d	Carving letters and figures in stone above 100 mm size	each	4.20
		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	249.00
114	b	- do - 10mm size (SS 5)	1 cum	329.00
115	c	- do - 12mm size (SS 5)	1 cum	395.00
116	d	- do - 20mm size (SS 5)	1 cum	494.00
117	e	- do - 25mm size (SS 5)	1 cum	494.00
118	f	- do - 40mm size (SS 5)	1 cum	282.00
119	g	- do - 50mm size (SS 5)	1 cum	196.00
120	h	- do - 60mm size (SS 5)	1 cum	196.00
121	i	- do - 65mm size (SS 5)	1 cum	194.00
122	j	- do - 75mm size (SS 5)	1 cum	131.00
123	k	- do - 75 to 100mm size (SS 5)	1 cum	117.00
124		NOTE:- (1) Add extra Rs.55.50/- 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%

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
126		(3) Deduct Rs. 5.50 per cum if the metal or rubble is obtained from surface stone and boulders.		5.50
127		(4) Add Rs. 11.50/- per cum for selection of stones and boulders from excavated spoil dumps for items 33 a to 33 k, when this addition of Rs. 11.50 per Cum is allowed deduction of Rs. 5.50 per Cum mentioned under Note (3) above should invariably be made.		11.50 5.50
		SOFT BROKEN STONE SCREENED AND FREE FROM DUST INCLUDING STACKING		
128	33.l	- do - 40 mm size (SS 5)	1 Cum	63.00
129	33.m	- do - 50 mm size (SS 5)	1 Cum	56.50
130	33.n	- do - 60 mm size (SS 5)	1 Cum	44.50
131	33.o	- do - 65 mm size (SS 5)	1 Cum	39.50
132	33.p	- do - 75 mm size (SS 5)	1 Cum	37.50
		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	33a	-do- 5 mm to 7 mm size (IRC and MORTH)	1 cum	249.00
134	b	-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 cum	329.00
135	c	-do- 12mm to 14 mm size (IRC and MORTH)	1 cum	394.00
136	d	-do- 19 mm to 22 mm size (IRC and MORTH)	1 cum	492.00
137	e	-do- 25 mm to 27 mm size (IRC and MORTH)	1 cum	492.00
138	f	-do- 40 mm to 45 mm size (IRC and MORTH)	1 cum	282.00
139	g	-do- 50 mm to 55 mm size (IRC and MORTH)	1 cum	196.00
140	h	-do- 60 mm to 63 mm size (IRC and MORTH)	1 cum	196.00
141	i	-do- 65 mm size (IRC and MORTH)	1 cum	196.00
142	j	-do- 75 mm size (IRC and MORTH)	1 cum	131.00
143	1	NOTE:- Add extra Rs. 55.50 per cum for items 33 (a) to 33 (j) if the metal is obtained by blasting	1 cum	55.50

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
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. 5.50 per cum if the metal or rubble is obtained from surface stones and boulders	1 cum	5.50
146	4	Add Rs. 11.50 per cum for selection of stones and boulders from excavated soil dumps for items 33 (a) to 33 (k), when this addition of Rs. 11.50 per cum allowed deduction of Rs. 5.50 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	196.00
148		-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 Cum	196.00
149	r	- do - 12 mm size (SS 5)	1 Cum	184.00
150		-do- 12mm to 14 mm size (IRC and MORTH)	1 Cum	184.00
151	s	- do - 20 mm size (SS 5)	1 Cum	149.00
152		-do- 19 mm to 22 mm size (IRC and MORTH)	1 Cum	149.00
153	t	- do - 25 mm size (SS 5)	1 Cum	147.00
154	u	- do - 40 mm size (SS 5)	1 Cum	86.50
155		-do- 40 mm to 45 mm size (IRC and MORTH)	1 Cum	86.50
156	v	- do - 50 mm size (SS 5)	1 Cum	76.50
157		-do- 50 mm to 55 mm size (IRC and MORTH)	1 Cum	76.50
158	33.w	- do - 65 mm size (SS 5)	1 Cum	72.50
159		-do- 60 mm to 65 mm size (IRC and MORTH)	1 Cum	72.50
160	x	- do - 75 mm size (SS 5)	1 Cum	60.00
161		- do - 75 mm size (IRC & MORTH)	1 Cum	60.00
162	y	- do - 75 to 100 mm size (SS 5)	1 Cum	47.50
163		- do - 75 to 100 mm (IRC & MORTH)	1 Cum	47.50
		OTHER ITEMS INCLUDING STACKING		
164	33.z1	Laterite 40 to 75 mm (ring)	1 Cum	54.50

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
165	z2	kankar, hard broken kankar 40 to 75 mm (ring)	1 Cum	42.50
166	z3	Soling stone of 150 mm size of granite, trap and Dolomite varieties.	1 Cum	54.50
167		NOTE:- (1) Add extra for items to 33(z3) Rs 55.50 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	38.50
169	z5	Soling Stone laterite, Kankar 150mm, surface stone	1 Cum	22.50
170	z6	Field picked metal unbroken 20 mm size	1 Cum	33.00
171	z7	- do - 25 mm size	1 Cum	25.00
172	z8	- do - 40 mm size	1 Cum	27.50
173	z9	- do - 50 mm size	1 Cum	25.00
174	z10	- do - 60 mm size	1 Cum	19.50
175	z11	- do - 80 mm size	1 Cum	15.00
176		NOTE:- Add Rs. 11.50 per cum for selection of stone and boulders from excavated spoil dumps for items 33 (q) to 33 z , when this addition of Rs. 11.50 per cum is allowed deduction of Rs. 5.50 per cum should invariably be made towards the metal or rubble if it is obtained from surface stone and boulders.		11.50 5.50
177	34	Gravel including stacking	1 Cum	40.00
178	35 a	Quarry rubbish	1 Cum	16.00
	b	HBG Stone Chips 2.36mm and below	1 Cum	60.00
179	36.a	Sand for mortar, ceiling coat including washing screening etc.,	1 Cum	72.00
180	b	Sand for filling and blindage	1 Cum	28.50
181	37	Clay for puddle and masonry Items 38 (a) to 39 (h) As per local prevailing rates based on competitive quotations.	1 Cum	19.00

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
		(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	2600.00
	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	19.50
185	b	Mixing of cement mortar by machine	1 Cum	33.00
186	c	Grinding lime mortar or Surkhi mortar	1 Cum	58.00
187	d	Shell lime slaked and screened	1 Cum	578.00
188	e	White cement	1 Kg.	13.00
		(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	29500.00
191		Mild steel flats	One Metric Tonne	29500.00
192		Mild Steel, Structural Steel, I.e., Angles, Channels and I sections.	One Metric Tonne	30000.00

193		High Yield Strength Deformed Bars	One Metric Tonne	29500.00
194	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	1.10
196	b	Clearing light Jungle	1 Sqm	1.10
197	c	Clearing Scrub Jungle	1 Sqm	1.10
198	d	Clearing Juliflora (Prosafis) jungle including up-rooting and removing of Juliflora stumps.	1 Sqm	2.10
199	2.a.i	Cutting and removing Palmyrah trees including stacking of girth 30 to 100 cm.	Each	19.00
200	ii	- do - 100 to 200 cm.	Each	33.00
201	2.b.i	Uprooting and removing Palmyrah stumps including stacking of girth 30 to 100 cm.	Each	23.50
202	ii	- do - 100 to 200 cm.	Each	36.00
203	2.c.i	Cutting and removing date trees including stacking of girth 30 to 100 cm	Each	14.00
204	ii	- do - 100 to 200 cm	Each	20.00
205	d.i	Uprooting and removing stumps of date trees including stacking of girth 30 to 100 cm.	Each	14.00
206	ii	- do - 100 to 200 cm	Each	19.00
207	e i	Cutting and removing other kindof trees including stacking of girth 30 to 100 cm	Each	19.00
208	ii	- do - 100 to 200 cm	Each	29.50
209	iii	- do - above 200 cm	Each	50.00
210	f.i	Uprooting and removing stumps of other kind of trees including stacking of girth 30 to 100 cm.	Each	14.00
211	ii	- do - 100 to 200 cm	Each	20.00
212	iii	- do - above 200 cm	Each	27.50
213	3.a	Uprooting and clearing prickly pear jungle	1 Sq.m	1.10
214	b	- do - under 2.5 meters height including burning and burying as directed.	1 Sq.m	1.60

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
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	2.10
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	1.10
217	b.I	Clearing alchi, tilla	1 Sq.m	2.10
218	b.ii	Removal of Jammu	1 Sq.m	1.10
219	c.I	Removal of imponea, cornea	1 Sq.m	2.10
220	c.ii	Removal of water hyacinth upto 30 cm thick.	1 Sq.m	2.10
221	c.iii	- do - more than 30 cm thick	1 Sq.m	3.10
222	d	Removal of natchu, goobi, thooti etc., for every extra lead or lift over the initial lead or lift.	1 Sq.m	0.60
		(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	24.50
		(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	65.00
226	ii)	25 mm dia meter	1 RM	70.00
227	iii)	36 mm dia meter	1 RM	79.50
	b)	Pneumatic Compressor		
228	I)	20 mm dia meter	1 RM	70.50
229	ii)	25 mm dia meter	1 RM	77.50
230	iii)	36 mm dia meter	1 RM	85.00
	8	Grouting the holes with neat cement slurry excluding cost of steel		

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
231	I)	20 mm dia meter	1 RM	42.00
232	ii)	25 mm dia meter	1 RM	54.00
233	iii)	36 mm dia meter	1 RM	65.50
		(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	19.00

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
238	b	- do - 20-B	1 cum	20.00
239	9.a	Loamy and Clayey soils like black cotton soils, red earth and ordinary gravel SS 20-A.	1 cum	31.50
240	b	- do - 20-B	1 cum	28.50
241	10.b	Slushy soil and silt clearance upto 0.60 metres depth SS 20-B	1 cum	31.50
242	11.b	Clayey Soil in wet and slushy condition SS 20-B	1 cum	32.50
243	12.a	Hard Gravelly Soils SS 20-A	1 cum	32.50
244	b	- do - SS 20-B	1 cum	30.50
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	34.50
246	b	- do - 20-B	1 cum	31.50
247	14	Soft disintegrated rock (removable by pick axes and crow bars)	1 cum	36.50
248	15	Stone matrix	1 cum	38.00
249	16	Hard disintegrated rock or soft rock or conglomerate rock etc., removable by pick axes and crow bars	1 cum	49.50
250	17	Hard disintegrated rock or soft rock or conglomerate rock and Hard lime kankar requiring partial blasting.	1 cum	66.00
251	18.a.i	Fissured and fractured rock and boulders upto 3 cum in size requiring blasting including stacking	1 cum	114.00
252	a.ii	- do - Stacking is not done	1 cum	106.00
253	18.b.i	Excavation of Nandyal Slabs more than 3 cum in size requiring blasting including stacking	1 cum	137.00
254	b.ii	- do - Stacking is not done	1 cum	132.00
255	19.a.i	Hard rock and boulders more than 3 cum in size requiring blasting including stacking	1 cum	240.00
256	a.ii	- do - Stacking is not done	1 cum	229.00
257	19.b	Benching, chiselling, wedging and boring in rock in foundation grade levelling.	1 cum	342.00
		FOR ALL SOILS, SOFT DISINTEGRATED ROCK AND STONE MATRIX (ITEM N0s 8-b to 15 ABOVE)		

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
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	1.30
259	ii	-do- from 4 th extra lead to 6 th extra lead	1 cum	2.10
260	iii	-do- from 7 th extra lead to 9 th extra lead	1 cum	3.10
		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	2.10
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	3.30
263	iii	-do- from 7 th extra lead to 9 th extra lead	1 cum	4.60
		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	3.40
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	5.60
266	iii	-do- from 7 th extra lead to 9 th extra lead	1 cum	6.20
		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	1.30
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	2.10
269	iii	-do- from 7 th extra lift and above	1 cum	3.20
		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	2.10
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	3.10
272	21.b.i ii	-do- from 7 th extra lift and above	1 cum	4.60

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
		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	4.10
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	5.10
275	iii	-do- from 7 th extra lift and above	1 cum	6.60
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	2.10
278	b	- do - with stone roller 2 tonnes or cattle treading	1 cum	3.40
	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	3.90
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	20.50
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).	1 cum	
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	2.20
282	23.a	Benching old embankment slopes 0.45 x 0.45 metres.	1 RM	1.30
283	23.b	Puddle wall work	1 cum	33.50

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
284	24	Turfing slopes including watering for 3 months with initial lead for conveyance of water and grass for 1 hectometre.	1 Sq.m	13.50
285	25	Refilling with the excavated sand complying with the standard specifications for filling foundations	1 cum	10.50
286	26.a	Refilling with the excavated soils (other than sand) complying with the standard specifications for filling foundations.	1 cum	7.10
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	32.00
292		2. Add for machine mixing of concrete.	1 cum	31.50
293		3.Add where the power is available for operating the mixer, the rate is,	1 cum	21.00
294	a I	White washing and colour banding for guard and guide stones including cost of materials	each	4.10
295	b I	Screening sand and gravel	1 cum	4.10
296	b 2	Screening chips and metal	1 cum	8.70
297	c 1	Removing and refixing Hectometre or Demarcation stones	each	5.10
		CENTERING CHARGES		

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
298	L 1	Centering charges for culvert slabs and other structures of 3 mts. span and above	1 cum	699.00
299	L 2	Centering charges for bed blocks and culvert slabs and other structures of less than 3 mts. span.	1 cum	572.00
		CENTERING CHARGES FOR MINOR AND MAJOR BRIDGE WORKS		
300	L3	For mass concrete piers, abutments and steining well curbes, well caps etc.,	1 cum	507.00
301	L 4	For RCC piers, abutments, wing wall, steining, well curbs, well caps etc.,	1 cum	634.00
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	1206.00
304	L 6	For RCC beams	1 cum	1524.00
305	L 7	For RCC hand rails	1 cum	1627.00
306	L 8	For CC pavements, wearing coats, approach, slabs, guide stone, J. M. stone etc.,	1 cum	121.00
	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	12.00
308	n 2	300 mm diameter	1 Rm	16.00
309	n 3	450 mm diameter	1 Rm	22.00
310	n 4	600 mm diameter	1 Rm	35.00
311	n 5	750 mm diameter	1 Rm	44.00
312	n 6	800 mm diameter	1 Rm	52.00
313	n 7	1000 mm diameter	1 Rm	58.00
314	n 8	1220 mm diameter	1 Rm	74.00
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 EDGEBUNDS AND SUBGRADE ROLLING,		

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
		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	39.00
317	b	50 mm thickness	10 sqm	41.00
318	c	75 mm thickness	10 sqm	46.00
319	d	100 mm thickness	10 sqm	49.00
	1 (ii)	(For compact thickness of soft metal)		
320	a	50 mm thickness	10 sqm	31.00
321	b	75 mm thickness	10 sqm	35.00
322	c	100 mm thickness	10 sqm	39.00
323	2	Picking 5 to 100 mm old metalled surface and sectioning	10 sqm	14.00
324	3	Picking gravelled surface 25 mm deep and levelling and sectioning	10 sqm	4.10
325	4	Picking the existing B.T. surface and removal of chips	10 sqm	14.50
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 of) 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	100.00
328	(b)	50 mm thick ness	10 sqm	114.00
329	(c)	75 mm thick ness	10 sqm	127.00
330	(d)	100 mm thick ness	10 sqm	134.00
331	(e)	150 mm thick excluding hire charges	10 sqm	240.00

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
		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	18.50
333	b	75 mm thickness	10 sqm	24.50
334	c	100 mm thickness	10 sqm	39.50
335	d	150 mm thickness	10 sqm	44.50
336	7a	Blinding the road surface 6 mm thick with gravel or sand available at site after remaining loose stones including watering.	10 sqm	1.10
337	b	-do- without watering	10 sqm	1.00
338	8a	Blinding the road surface 6 mm thick with gravel or sand dug from road site including watering.	10 sqm	2.10
339	b	-do- without watering	10 sqm	1.60
340		Spreading gravel sand including watering and roller rolling (for compacted thickness of)		
341	9a	-do- 6mm to 20 mm thick	1 cum	28.50
342	b	-do- from 20 to 25 mm thick	1 cum	24.50
343	c	-do- from 25 to 40 mm thick	1 cum	23.50
344	d	-do- from 40 to 50 mm thick	1 cum	21.50
345	10	Picking 50 to 100 mm Old metalled surface, spreading metal and blindage watering tamping for patch repairs (labour only)	10 sqm	19.50
346	11	Picking old metalled surface 50 to 100 mm deep spreading gravel watering and tamping (labour only)	10 sqm	10.00
347	12	Levelling ruts and tamping gravelled roads	10 sqm	2.40
348	13	Levelling ruts and tamping metalled roads	10 sqm	4.20
349	14	Spreading gravel or sand including watering and rolling with hand roller irrespective of thickness in layer	10 cum	173.00
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	10 sqm	2.40

Sl. No	S.S. Item No.	Description	Unit	SS Rate for 2005-06
1	2	3	4	5
351		Gelatin(For MORTH data,for works of state & national high ways only)	Per Kg	36.00
352		Electric Detonators(For MORTH data,for works of state & national high ways only)	each	1.00
353		Hot applied thermoplastic compound(For MORTH data,for works of state & national high ways only)	Per Litre	150.00
354		Reflectionising glass beads of 2 mm thick(For MORTH data,for works of state & national high ways only)	Per Kg	50.00
355		Road marking paint confirming to IS 164(For MORTH data,for works of state & national high ways only)	Per Kg	125.00
		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	85.00
357	I 15	For cement concrete for foundation below low water level	1cum	85.00
358	n	Labour charges for laying filters with coarse aggregate.	1 cum	34.00
359	o	Labour charges for laying filter with sand.	1 cum	16.00

BUILDING ITEMS

BUILDING ITEMS

S. No	Details	Unit	SS RATE FOR 2005-06
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	1350.00
2	- do- modular size 19 x 9 x 9 cm	1000 Nos	1404.00
3	Bricks country (Non-modular traditional size) 22 x 11 x 5 cm	1000 Nos	972.00
	Flyash lime solid blocks with compressive strength of 100 kg/sq.cm		
4	290 x 225 x 140 mm	Each	8.30
5	290 x 200 x 140 mm	Each	7.10
6	290 x 122 x 140 mm	Each	4.80
7	290 x 100 x 140 mm	Each	4.00
8	225 x 100 x 60 mm	Each	1.70
9	145 x 225 x 140 mm	Each	4.80
10	145 x 200 x 140 mm	Each	3.60
	Flyash lime solid blocks with compressive strength of 50 kg/sq.cm		
11	290 x 225 x 140 mm	Each	7.10
12	290 x 200 x 140 mm	Each	5.90
13	290 x 122 x 140 mm	Each	3.60
14	290 x 100 x 140 mm	Each	3.00
15	225 x 100 x 60 mm	Each	1.30
16	145 x 225 x 140 mm	Each	3.60
17	145 x 200 x 140 mm	Each	3.20
18	Cynder	1 Cum	248.40
	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	24.80
20	600 x 200 x 100 mm	Each	33.50
21	600 x 200 x 125 mm	Each	40.00
22	600 x 200 x 150 mm	Each	46.40
23	600 x 200 x 200 mm	Each	62.60
24	600 x 200 x 230 mm	Each	72.40

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	B. COMFORTILE -Thermal Roof Tile		
25	300 x 200 x 50 mm	Each	9.70
	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.	918.00
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.	1026.00
	AEROCON PANELS		
28	50mm thick x 600mm standard width x 2400mm, 2700mm & 3000mm lengths	Sqm.	648.00
29	75mm thick x 600mm standard width x 2400mm, 2700mm & 3000mm lengths	Sqm.	864.00
	CUDDAPAH/SHAHABAD STONES		
30	Cuddapah/Shahabad slab 40 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	90.70
31	Cuddapah/Shahabad slab 50 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	101.50
	Shahabad Stone slab of Tandur 25.4 mm thick		
32	White	10 Sqm	680.40
33	Blue	10 Sqm	734.40
	Shahabad Stone slab of Tandur 50.8 mm thick		
34	White	10 Sqm	777.60
35	Blue	10 Sqm	885.60
	Polished Shabad stone slab 25.4mm thick (0.457 x 0.457M)		
36	White	10 Sqm	1323.00
37	Blue	10 Sqm	1674.00
38	Polished black cuddapah slabs 25.4 mm thick (0.457x 0.457M)	10 Sqm	1247.40
39	Polished Bethamcherla white stone 25.4 mm thick (0.254M x0.254M)	10 Sqm	3267.00
40	Polished Bethamcherla colored stone 25.4 mm thick (0.254M x0.254M)	10 Sqm	3483.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
41	High Polished Granite 18 to 20 mm thick up to 8'-00 (2.43 M) other than black	1Sqm	1587.60
42	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black	1Sqm	1458.00
43	High Polished Granite 18 to 20 mm thick up to 8'-00 (2.43 M) black	1Sqm	1360.80
44	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) black	1Sqm	1231.20
45	Rounding the edges of cuddapah Slabs and Shahabad stone slabs & Marble slabs including polishing the same.	1 Rm	27.00
46	Rounding the edges of Granite slabs including polishing the same.	1 Rm	81.00
47	Flat nosing to Cuddapah slabs and Shahabad stone slabs 40mm thick	1 Rm	3.90
48	Flat nosing to Cuddapah slabs and Shahabad stone slabs 50mm thick	1 Rm	4.50
49	Flat nosing to Cuddapah slabs and Shahabad stone slabs 60mm thick	1 Rm	5.70
50	Flat nosing to Cuddapah slabs and Shahabad stone slabs 75mm thick	1 Rm	6.50
	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	486.00
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	432.00
53	Dongari Adanga marble slab polished 18 mm to 20 mm (average) thick 0.305 M x 0.305 M	1 sqm	405.00
54	Dongari Adanga marble slab polished 16 mm to 20 mm (average) thick 0.305 M x 0.305 M	1 sqm	351.00
55	Dongari Adanga marble slab polished 18 mm to 20 mm (average) thick (0.610 M width of any length).	1 sqm	648.00
56	Dongari Adanga marble slab polished 16 mm to 20 mm (average) thick (0.610 M width of any length)	1 sqm	594.00
57	Marble Tiles polished 8 mm thick	1 sqm	280.80
58	Cutting marble slabs up to 50 mm thick by mechanical device.	1 RM	5.40
59	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 sqm	604.80
60	Ceramic tiles 7.3mm thick 1st quality of all shades (as per manufacture specification)	1 sqm	324.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
61	Chequered Terrazo tiles of 22 mm thick (Medium shade) 0.254 M x 0.406 M	1 sqm	189.00
62	Chequered Terrazo tiles of 22 mm thick (Dark shade) 0.254 M x 0.406 M	1 sqm	172.80
63	Chequered Terrazo tiles of 30 mm thick (Light shade) 0.305 M x 0.305 M	1 sqm	172.80
64	Chequered Terrazo tiles of 30 mm thick (Dark shade) 0.305 M x 0.305 M	1 sqm	183.60
65	Chequered Terrazo tiles of 30 mm thick (medium shade) 0.305 M x 0.305 M	1 sqm	162.00
66	Decorated white background glazed tiles 200 mm x 152 mm	1 sqm	397.40
67	Decorated coloured background glazed tiles 200 mm x 300 mm	1 sqm	443.90
68	Fantasy Glazed Tiles size 200mm x152 mm	1 sqm	420.10
69	White glazed Tiles of any size 1st quality	1 sqm	243.00
70	Glazed coloured Tiles of any size 1st Quality	1 sqm	287.30
71	Precast Terrazo Tiles 20 mm thick (Medium shade)	1 sqm	205.20
72	Precast Terazo Tiles 20 mm thick (dark shade)	1 Sqm	199.80
73	Supply & Fixing precast Terrazo Tiles Marbleite in white & colour vains 20 mm thcik	1 Sqm	216.00
74	a) Fixing charges only	1 Sqm	17.80
75	b) Polishing charges only	1 Sqm	23.80
76	c) Wax polishing charges only.	1 Sqm	14.60
77	Supply & Fixing precast Terrazo Tiles Marbleite in white tiles 20 mm thick	1 Sqm	167.40
78	a) Fixing charges only	1 Sqm	17.80
79	b) Polishing charges only	1 Sqm	23.80
80	c) Wax polishing charges only.	1 Sqm	14.60
81	Supply & fixing Terrazo tiles 20 mm thick grey tiles	1 Sqm	97.20
82	a) Fixing charges only	1 Sqm	17.80
83	b) Polishing charges only	1 Sqm	23.80
84	c) Wax polishing charges only.	1 Sqm	14.60
	Supply & fixing of Crazy Marble flooring		
85	Marble powder	1 Kg	2.10
86	Marble chips	1 Sqm	351.00
87	Mosaic chips	1 Sqm	1984.00
88	Grinding, Polishing, electricity charges	1 Sqm	69.70
89	Vitrified polished floor tiles 800x 800x10 mm thickness premium type 1st quality	1 Sqm	1220.40

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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	702.00
93	Providing Bisazza glass Tiles Group 1 series or equivalent quality 20 x 20x4 mm thick to be applied on sponge finish using laucratic 290 thin set polymer based adhesive.	1 Sqm	1395.40
94	Supplying ART CERAMIC OR EQUIVALENT (GT-C2331,GT-C2341,GT-C2332, GT-C2342, GT--C2333, GT-C2343) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal FOR Shops,Restaurants,,Food Plazas, Interior of Shops, Showrooms, VIP lounges, departmental stores etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	1110.00
95	Labour charges only	1 Sqm	32.50
96	Supplying DEEP EMBOSSED OR EQUIVALENT (GE-T0051, GE-T0053, GE-T0054, GE-T0055) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Corridors, Stairs, Ramps, Hospitals, Entrance Doors, Shops, departmental stores, Railway coaches, Bus coaches etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	1110.00
97	Labour charges only	1 Sqm	32.50
98	Supplying METAL OR EQUIVALENT (GT-M0001, GT-M0002, GT-M0015, GT-M0013,GT-M001, GT-M0016) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for place of Entertainment, House hold Electrical appliancesshops,Computer rooms, Conference halls etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
99	Labour charges only	1 Sqm	32.50

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
100	Supplying TERRAZO OR EQUIVALENT (GT-T9221, GT-T9222, GT-T9223, GT-T9224, GT-T9225) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Commercial Establishments, Restaurants, Lobbies, showrooms, Departmental stores etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
101	Labour charges only	1 Sqm	32.50
102	Supplying NOBLE OR EQUIVALENT (GT-N2101, GT-N2102, GT-N2103, GT-N2104, GT-N2105) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Exhibition halls, Lounges, Hotels, Restaurant, Departmental stores etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
103	Labour charges only	1 Sqm	32.50
104	Supplying MARBLE OR EQUIVALENT (GT-M9201, GT-M9202) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Commercial establishments, lounges, Hotels, Restaurants, Departmental stores, Lobbies etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
105	Labour charges only	1 Sqm	32.50
106	Supplying ABSTRACT OR EQUIVALENT (GT-A-9308, GTA-9309, GTA9301, GTA9302, GTA9304, GTA8305, GTA-9305, GTA8309) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Office corridors,, Hospitals, shops, Departmental stores etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
107	Labour charges only	1 Sqm	32.50
108	Supplying OA OR EQUIVALENT (GO-A9701) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Office, Computer rooms, Banks, Public facilities, Research centres etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
109	Labour charges only	1 Sqm	32.50

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
110	Supplying CARPET OR EQUIVALENT (GT-E9701, GT-E9702, GT-E9703, GT-E9711,GT-E9707, GT-E9708, GT-E9709, GT-E9710, GT-E9712, GT-E9713) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Office, Lobbies, Showrooms, Various Sles facilities and VIP lounges etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
111	Labour charges only	1 Sqm	32.50
112	Supplying SOLID OR EQUIVALENT (GT-S9901, GT-S9906) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Lounges,Sales outlets, VIP rooms etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
113	Labour charges only	1 Sqm	32.50
114	Supplying CODI WOOD OR EQUIVALENT (CW 9925-CHERRY, CW 9942 -OAK, CW 9952-BIRCH, CW 9922- CHERRY) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Lounges, Hotels, Exhibition,Departmental stores, VIP rooms etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	786.00
115	Labour charges only	1 Sqm	32.50
116	Supplying WOOD CLASSIC OR EQUIVALENT (GWTC-9833, GWTC-9831, GTWC-9832, GTWC-9834, GTWC-9835, GTWC-9836, GTWC-9837) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Cafeterias, Restaurant, Clubs, Various shops, Stair case etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	1110.00
117	Labour charges only	1 Sqm	32.50
118	Supplying WOOD ANTIQUE OR EQUIVALENT (GWA-8452-OAK, GTWA-9403-OAK, GTWA-9417-OAK, GTWA-9410CHERRY, GTWA-9402-MAPLE, GTWA-9411-ALDER, GTWA-0403-CHERRY, GTWA-9416-OAK, GTWA-0405 &0404 WALNUT) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for Offices, Conference rooms, Living rooms, Kitchens, Sales outlets, Departmental stores,Dance floors etc., inclusive of cost and	1 Sqm	786.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.		
119	Labour charges only	1 Sqm	32.50
120	Supplying DELUXE TILE OR EQUIVALENT (NGX1117, NGX-1101, NGX-1104, NGX-1102, NGX-1109, NGX-1107, NGX-1108, NGX-1105, NGX-1110, NGX-81933, NGX-1106, NGX-1197, NGX-81899, NGX-81918, NGX-1118, NGX-81945) tiles of 450mmx450mmx3mm and Fixing with solvent for flooring ideal for low, medium and high traffic areas etc., inclusive of cost and conveyance of materials and cost of labour inclusive of all taxes at site and rate for finished item.	1 Sqm	463.00
121	Labour charges only	1 Sqm	32.50
	(C) TIMBER AND ROOFING MATERIALS		
	TEAK WOOD		
122	Teak wood scantlings below 2 meters First class	1 cum	56160.00
123	Teak wood scantlings below 2 meters Second class	1 cum	45360.00
124	Teak wood scantlings above 2 meters First class	1 cum	58320.00
125	Teak wood scantlings above 2 meters Second class	1 cum	47520.00
126	Teak wood planks of all sizes First Class	1 cum	61560.00
127	Teak wood Planks of all sizes second class.	1 cum	50760.00
128	Burma Teak Wood Scantlings below 2 meters	1 cum	66960.00
129	Burma Teak wod Scantings above 2 meters	1 cum	69411.60
130	Burma Teak wood planks 0.150 M to 1 m	1 cum	83916.00
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
135	Corrugalated Galvanized iron sheets (1 mm thickness)	1 Sqm	198.70
136	Plain Galvanized Iron sheets	1 Sqm	130.70
137	Country Nails	1 Kg	22.70
138	Wire Nails	1 Kg	22.70
139	Labour charges for petty Iron work for truss straps etc., wrought & plut up (lahour 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	4.30
	Galvanized Steel Barbed wire		
141	I.O.A. 12 Gauge	1 Kg	23.80

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
142	I.O.A. 14 Gauge	1 Kg	22.70
143	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled laths (rate includes top cover bearings, and locking arrangements etc.)	1 Sqm	1296.00
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 plully with all fixtures and furniture as per special spn. 1105	1 Sqm	1080.00
	(D) DOOR FITTINGS		
	1) TOWR BOLTS AS PER IS 204		
	BRASS		
145	100 mm Long	Each	42.10
146	150 mm Long	Each	62.60
147	200 mm Long	Each	84.20
148	250 mm Long	Each	104.80
149	300 mm Long	Each	128.50
	ALLUMINIUM		
150	75 MM Long	Each	29.20
151	100 mm Long	Each	34.60
152	150 mm Long	Each	42.10
153	200 mm Long	Each	52.90
154	250 mm Long	Each	62.60
155	300 mm Long	Each	73.40
	MILD STEEL (POWDER COATED)		
156	100 mm Long	Each	10.80
157	150 mm Long	Each	16.20
158	200 mm Long	Each	22.70
159	250 mm Long	Each	31.30
160	300 mm Long	Each	38.90
	2) BUTT HINGES AS PER IS : 205		
	BRASS		
161	75 MM Long	Each	18.40
162	100 mm Long	Each	58.30
163	125 mm Long	Each	70.20
164	150 mm Long	Each	92.90
	ALLUMINIUM		
165	75 MM Long	Each	41.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
166	100 mm Long	Each	49.70
167	125 mm Long	Each	58.30
168	150 mm Long	Each	58.30
	MILD STEEL (POWDER COATED)		
169	75 mm Long	Each	5.40
170	100 mm Long	Each	9.70
171	125 mm Long	Each	14.00
172	150 mm Long	Each	19.40
	3) DOOR HANDLES AS PER IS:208		
	ALLUMINIUM		
173	75 mm Long	Each	27.00
174	100 mm Long	Each	31.30
175	125 mm Long	Each	46.40
176	150 mm Long	Each	51.80
	MILD STEEL (POWDER COATED)		
177	125 mm Long	Each	14.00
178	150 mm Long	Each	20.50
	ALDROPS AS PER IS:2681		
	BRASS		
179	300 mm long	Each	379.10
	ALLUMINIUM		
180	200 mm long	Each	122.00
181	250 mm long	Each	145.80
182	300 mm long	Each	157.70
	MILD STEEL (POWDER COATED)		
183	200 mm long	Each	48.60
184	250 mm long	Each	63.70
185	300 mm long	Each	75.60
	5)FLAT LATCHES		
	BRASS		
186	Door Stoppers	Each	75.60
187	Windows Stay	Each	86.40
	ALLUMINIUM		
188	200 mm long	Each	58.30
189	250 mm long	Each	67.00
190	300 mm long	Each	70.20

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	MILD STEEL (POWDER COATED)		
191	250 mm long	Each	23.80
192	300 mm long	Each	30.20
193	Door Stoppers	Each	20.50
194	Supply & fixing droppery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	Rft	16.20
195	Supply & fixing droppery bracket - brass powder coated	pair	189.00
196	Brass Aldrop heavy duty 350 mm	Each	729.00
197	Brass Aldrop heavy duty 450 mm	Each	1037.90
198	Alluminium Aldrop 350 mm ISI marked IS 204	Each	198.70
199	Alluminium Aldrop 450 mm ISI marked IS 204	Each	251.60
200	Delux window stay alluminium	Each	54.00
201	Heavy duty alluminium Door stopper	Each	22.70
202	Brass fancy handles 150 mm	Each	128.50
203	Brass fancy handles 200 mm	Each	175.00
204	Brass fancy handles 250 mm	Each	315.40
205	Brass fancy handles 300 mm	Each	402.80
206	Brass fancy handles 450 mm	Each	629.60
207	Door closer automatic hyper brand IS 3564	Each	527.00
208	Double action brass plate floor spring Hyper brand IS 6315	Each	727.90
209	Floor spring 1st Quality for Aluminium door	Each	1283.00
210	Heavy duty mortice lock 6/7 levers with PC or CP handles complete set	Each	326.20
211	Heavy duty mortice lock 6/7 levers with brass heavy handles	Each	1137.20
212	Brass latch heavy 300 mm	Each	238.70
213	Brass latch heavy 350 mm	Each	274.30
214	Brass latch heavy 450 mm	Each	361.80
215	Friction stay hinges for windows	Each	48.60
216	Keyless lockset for toilet with CP or PC handles (complete set)	Each	140.40
217	Keyless lock set for toilet with brass handles	Each	373.70
	(E) MISCELLANEOUS ITEMS		
218	Alluminium sheet 24 Gauge	1 Sqm	180.40
	Alluminium strips		
219	Alluminium Strip 40 mm wide and 2 mm thick	1 Kg.	125.30
220	Alluminium plain strip edging 38x12x3 mm	Metre	40.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
221	Alluminium plain strip edging 57x12x3 mm	Metre	57.20
222	Alluminium strips 10 mm	1 Kg.	113.40
223	Alluminium Strips 25 mm	1 Kg.	113.40
224	Alluminium Stips 38 mm wide and 1.6 mm thick.	1 Kg.	113.40
225	7.5mm thick Alluminium Grill (as approved by the department) 3.58 Kg/Sq.m.	1 Sqm	664.20
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	530.30
228	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1/2" (12.7 mm) thick	1 Sqm	303.50
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	111.20
231	SS fly proof mesh	1 Sqm	270.00
232	Chain link mesh 8 guage 2" x2" (50.8 mm x 50.8 mm)	1 Sqm	128.50
233	Chain link mesh 8 guage 3" x 3" (76.2 mm x 76.2 mm)	1 Sqm	87.50
234	Chain link mesh 8 guage 4"x4" (101.6 mm x 101.6 mm)	1 Sqm	74.50
235	Rabbit wire mesh (chicken mesh)	1 Sqm	8.60
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	113.40
237	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.	175.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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.SI. 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
	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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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
	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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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
	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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	G) Adhesive Tile Adhesives		
	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 16 % Tax	1 Kg	17.30
296	Bitumen solution primer of aproved quality excluding 16 % tax	1 Kg	28.10
297	Tar Felt Type - 2 Grade - 1	1 sqm	50.80
	GLASS		
298	Plain Glass 4 mm thick	1 sqm	189.00
299	Plain Glass 5 mm thick	1 sqm	259.20
300	Tinted Glass 4 mm thick	1 sqm	356.40
301	Tinted Glass 5 mm thick	1 sqm	475.20
302	Pin headed Glass 4 mm thick	1 sqm	172.80
303	Ground Glass 4 mm thick	1 sqm	248.40
304	Ground Glass 5 mm thick	1 sqm	324.00
	JALI (CEMENT CONCRETE)		
305	25 mm thick	1 sqm	91.80
306	40 mm thick	1 sqm	118.80
307	50 mm thick	1 sqm	162.00
	BRUSHES		
308	Wire Brush	Each	21.60
309	Soft Brush	Each	97.20
	DISTEMPERS		
310	Dry Powder Distemper	1 Kg	21.60
311	Oil Bound Washable Distemper	1 Kg	54.00
	POLISH		
312	French Spirit Polish	1 Ltr	97.20
313	Wax Polish (Ready made)	1 Kg	194.40
314	Putty for steel work	1 Kg	14.00
315	Putty for wood work	1 Kg	30.20
316	Malamine Polish including cost & labour charges	1Sqm	297.00
	PAINTS (CONFORMING TO I.S.I)		
317	Alluminium paint Ist Grade	1 Ltr	194.40

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
318	Anti Corrosive bitumen paint (Black) grade1	1 Ltr	297.00
319	Red Oxide Primer Paint Grade -1	1 Ltr	70.20
320	Red Oxide Primer Paint Grade . II	1 Ltr	54.00
321	Synthetic Enamel paints in all shades Grade - I	1 Ltr	135.00
322	Synthetic Enamel paints in all shades Grade - II	1 Ltr	97.20
323	Plastic Emulsion Paint Grade . I	1 Ltr	216.00
324	Water proof Cement paint of Superior Quality	1 Kg	29.20
325	White Lead	1 Kg	56.20
326	Marble Powder	1 Kg	14.00
327	Cement primer Grade . I	1 Kg	70.20
328	Cement primer Grade . II	1 Kg	54.00
329	Impervios Water Proofing compound	1 Kg	18.40
330	Fevicol/Wood adhesive compound	1 Kg	118.80
331	Wood Primer	1 Ltr	97.20
332	Oil bound Distemper Primer.	1 Ltr	54.00
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 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.	70.20

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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 be 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
356	Vinylcide, Matt finish plastic emulsion Artelin 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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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 inreriors 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 inreriors 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 inreriors 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
	Prelaminated particle Board		
	(One side choice colour and other side balancing white lamination)		
	A EXTERIOR (GRADE-I)		

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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 prelaminated		
	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
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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 prelaminate		
	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
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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
450	18 mm thick	1Sqm	587.50
451	21.4 mm thick	1 Sqm	661.00
452	25 mm thick	1Sqm	737.60

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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	SS RATE FOR 2005-06
1	2	3	4
	GLOSSY FINISH		
481	1 mm thick	1 Sqm.	230.00
	MATT FINISH		
482	1 mm thick	1 Sqm.	245.00
	PARTICLE BOARD CEILINGS		
483	Gypsum Board 0.595 M x 0.595 M 12.5 mm thick of 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 (cnforming 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 tapecomplete 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 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.		

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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
491	Providing false ceiling with 15 mm thick Arm strong mineral fiber Board fine finished of size 600x 600mm fixed over Aluminum frame using "T" Angles 38.1x25.4 mm (1 1/2" x1") size heavy duty weight suspended from roof using 6mm dia MS Rod hooking over roof replacement and outer attached to the "J" Bolts fixed to the "T" angles including Cost & conveyance of all materials and labour charges such as cutting, fixing of standing of frame work exposing roof making complete for finished item of work	1 Sqm	702.00
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 catchers, 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	1 Sqm	5616.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	melamine finish etc, complete for finished item of work.		
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 comercial ply on another face 6 mm thick	1 Sqm	487.10
506	Plywood 5 ply with teak ply on one face and comercial 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 commerical ply on another face 13 mm thick	1 Sqm	796.00
	Flush Door Shutters (Kuty 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	SS RATE FOR 2005-06
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	Providing External Lipping by Hard Wood Single Leaf		
541	All edges 30 mm thick & below	1 sqm	83.90
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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
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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
631	35/38 mm thick	1 sqm	119.90
632	Ployurethene 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	245.00
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 \angle sections (39mm x 19mm x 19mm x 0.6mm thick) or MS pipe (40mm x 20mm) stiffener frame insert and telescopic polymeric \perp 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	2350.00
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	1 Sqm.	4600.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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 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	253.00
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.	1 Sqm.	1743.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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.		
	DOOR FRAMES		
638	MS. Hallow door frames manufactured by cold roll formed process steel sheet 1.25mm thick bright CRCA confirming to IS 4351 - 1976 with Hinges tower Bolts etc.	1 Rm	167.40
	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 commercia 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	150.10
652	8 mm thick	1 sqm	184.70
653	10 mm thick	1 sqm	217.10
654	12 mm thick	1 sqm	251.60

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
655	16 mm thick	1 sqm	335.90
656	20 mm thick	1 sqm	402.80
657	25 mm thick	1 sqm	487.10
658	30 mm thick	1 sqm	569.20
659	40 mm thick	1 sqm	737.60
	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
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	446.00
666	8 mm thick	1 sqm	468.70
667	10 mm thick	1 sqm	491.40
668	12 mm thick	1 sqm	514.10
669	16 mm thick	1 sqm	567.00
	ECO-BOARD MULTI PURPOSE CEMENT BOARDS (HIGH PRESSURED STEAM CURED)		
670	4 mm thick	1 Sqm.	103.00
671	6 mm thick	1 Sqm.	156.00
672	8 mm thick	1 Sqm.	203.00
673	10 mm thick	1 Sqm.	227.00
674	12 mm thick	1 Sqm.	260.00
675	14 mm thick	1 Sqm.	300.00
676	16 mm thick	1 Sqm.	345.00
677	18 mm thick	1 Sqm.	390.00
678	20 mm thick	1 Sqm.	430.00
	ECO-BOARD CLASSIC		
679	4 mm thick	1 Sqm.	175.00
680	6 mm thick	1 Sqm.	260.00
	ECO-BOARD PEARL		
681	4 mm of size 595mm X 595mm	1 Sqm.	216.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	MULTIPURPOSE CEMENT BOARDS FALSE CEILING WITH EXPOSED METAL E-GRID IS 14862 : 2000		
682	Using 6 mm thick E-board	1 Sqm	600.00
683	Using 8 mm thick E-board	1 Sqm	660.00
684	Using 4 mm thick E-board classic*	1 Sqm	620.00
685	Using 6 mm thick E-board Classic*	1 Sqm	724.00
686	Using 4 mm thick E-board Pearl	1 Sqm	672.00
	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 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.	797.00
688	With 6 mm E-board Classic	1 Sqm.	860.00
	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.	1226.00
	DOOR		
690	Supply and fixing of E-board door shutter with alround style with lippping 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 Sqm.	1050.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	1q0+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.		
	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 stiffners hinges and screws. E-board shutter with alround `Uqlipping 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 1q0+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.	1600.00
	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	1269.00
	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	1Sqm	626.40

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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.		
	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 taping 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	1004.40
	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 taping 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	1609.20

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	DOUBLE SHUTTER WITH CEMENT BONDED PARTICLE BOARD (BISON PANEL OR EQUIVALENT)		
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	1188.00
	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/m3. 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 1q0+(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	1890.00

S. No	Details	Unit	SS RATE FOR 2005-06
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 $\frac{3}{4} \times \frac{3}{4}$ +, 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	2700.00
	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 40x 80(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	1239.00
	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 the frame work by using 2mm thick electro plated CR flat section leaving 3mm gap between two panels. The	1 Sqm	1639.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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	1320.00
	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	2028.10
	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 dimension of 762mm X 20mm having a wall thickness of 1mm ± 0.3 mm including all taxes complete, for finished item of work.	Sqm.	1755.00
704	Supply and fixing PVC door frames made from extruded sections in overall dimensions of 40 X 48mm	Sqm.	164.20

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	having a wall thickness of 1.5mm with usual process variation of ± 0.3 mm, including all taxes complete, for finished item of work.		
	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 ± 0.3 mm. The shutter frame having with overall dimensions of 26 X 47mm with wall thickness of 1.2mm ± 0.3 mm provided with 5mm glazing. The centre mullion having over all dimensions of 25 X 32.5mm ± 0.3 mm, including all taxes complete, for finished item of work.	Sqm.	2615.80
	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 ± 0.3 mm. The sliding shutter frame is made of PVC section 57 X 32mm with overall dimensions of 1.5mm ± 0.3 mm 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.	2268.00
	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 ± 0.3 mm with tongue and groove system, provided with necessary arrangements for electrical connections, including all taxes complete, for finished item of work.	Sqm.	1161.00
	SINTEX OR EQUIVALENT WALL PANELLING		
708	Supply and fixing of wall panelling on the framework of wooded rippers of 24 X 24mm of required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3 mm. 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.	Sqm.	1107.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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.	3202.20
	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.	464.40
711	Circular sign plate Dia 600mm.	Each.	1220.40
712	Circular sign plate Dia 870mm	Each.	2445.10
713	Triangular sign plate 600mm.	Each.	626.40
714	Triangular sign plate 900mm.	Each.	1414.80
715	Square sign plate 600mm.	Each.	1134.00
716	Square sign plate 1000mm.	Each.	4212.00
	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.	2035.80
	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.	5.94
	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 \pm 0.1mm	Sqmt.	1074.60

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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.		
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.	1295.00
	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	155.00
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	135.00
	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		

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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 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 x 57 mm Box section. The windows should be panelled with 5mm thick plain float glass & 4 mm pinhead glass for ventilators with Ethyl 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 mullion 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 Phosphating. 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	2929.00
724	Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	2929.00
725	Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) 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	3103.90
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	2929.00
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	3103.90
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	2767.00

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
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	2767.00
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	2767.00
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	2767.00
	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	3208.70
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	3208.70
734	Top Hung 4'-0" x 3'-0" (1219.2x914.4mm) outer frame section size of 46 x 52m m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	3208.70
735	Fixed louvers 2'-0" x 2'-0" (609.6x609.6mm)(Box section) outer frame section size of 33 x 57 mm	1 Sqm	2196.70
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	2196.70
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	2196.70
	NCL or Equivalent ECO 3000 SERIES WINDOWS (SUITABLE FOR RESIDENTIAL BUILDINGS WITH GRILL PROVISION)		

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	<p>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</p>		
	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 ϕ x4 ϕ +(609.6mm x 1219.2mm). Outer frame section size of 48x50mm shutter frame section size of 47x20mm.	1 Sqm	2696.80
739	Double shutter Window with vertical mullion 3 ϕ x4 ϕ +(914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 47x20mm. Mullion section size of 48x50mm.	1 Sqm	2871.70
740	Double shutter Window with vertical member 4 ϕ x4 ϕ +(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	2871.70
741	Centre fixed both side openable shutter window 5 ϕ x4 ϕ +(1524mm x 1219.2mm). 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	2533.70
742	Centre fixed both side openable shutter window 6 ϕ x4 ϕ +(1828.8mm x 1219.2mm). Outer frame	1 Sqm	2533.70

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	section size of 48x50mm. Shutter frame section size of 47x20mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.		
	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 alkylid 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 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 ϕ +x4 ϕ +(609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 47x20mm.	1 Sqm	3580.20
744	Double shutter Window with vertical mullion 3 ϕ +x 4 ϕ + (914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm. Mullion section size of 72x50mm.	1 Sqm	3755.20
745	Double shutter Window with vertical member 4 ϕ +x 4 ϕ +	1 Sqm	3755.20

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	(1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 47x20mm and mullion section should be of 72x50mm.		
746	Centre fixed both side openable shutter window 5'0" x 4'0" (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	3418.20
747	Centre fixed both side openable shutter window 6'0" x 4'0" (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	3418.20
	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	673.90
749	Double shutter 3'-0" x 4'-0" (914.4x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	673.90
750	Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	673.90
	Supply & fixing of Flymesh shutters of size 20 x 40 mm fly proof mesh with Netlon flymesh including 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	581.00
752	Double shutter 3'-0" x 4'-0" (914.4x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	581.00
753	Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	581.00
	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		

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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	146.90
755	Double shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 60 mm	1 RM	146.90
	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	167.40
757	Single shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	167.40
	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	Each	1803.60

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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)		
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
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		
	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		

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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 by 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	2708.60
	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	2708.60
	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	2313.40
	Mullion section size of 46 x 70 mm		
	Beading section size of 18 x 25 mm		
769	Fixed Glazing 3'-0" x 4'-0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 sqm	2313.40
	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 hollow section (including anodisation cost)	1 Kg	190.10
771	Supplying alluminium anodised openable sliding window, Ventilator (including anodisation cost)	1 Kg	190.10
772	A.C sheet Corrugated 6 mm thick	1 sqm	102.60
773	A.C sheet plain 4 mm thick	1 sqm	95.00
774	A.C sheet plain 6 mm 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	629.60
777	Alluminium Venetian blinds Vertical 100 mm wide with all accessories.	1 sqm	1069.20
778	S & F of marbled 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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	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	54.00
781	Brick or stone masonry in clay over 3 M height	1 Cum	64.80
782	Brick or stone masonry in lime motar or brick masonry in cement mortar upto 3 M height	1 Cum	91.80
783	Brick in lime mortar wall up to 3 M height	1 Cum	54.00
784	Brick or stone masonry in lime motar or brick masonry in cement mortar over 3 M height	1 Cum	91.80
785	Brick in lime mortar wall up to 3 M height	1 Cum	54.00
786	Stone masonry in cement mortar upto 3 M height	1 Cum	129.60
787	Stone masonry in cement mortar over 3 M height	1 Cum	156.60
788	Terracing work in roofs or floors	10 Sqm	64.80
789	Flat stones in roof or floors includng lifting	10 Sqm	54.00
790	pan tiled or mangalore tiled roof without roof timbers.	10 Sqm	48.60
791	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	54.00
792	Old thatched roofing including tying materials into small bundles for reuse.	10 Sqm	16.20
793	Wrought and framed timber in roofs or floors	1 Cum	81.00
794	Doors and windows including removal of frame, hinges and fastening.	1 sqm	27.00
795	Old lime mortor plaster	10 Sqm	16.20
796	Old cement mortar plaster	10 Sqm	19.40
797	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	25.90
798	Revetment for aprons and stacking grouted within 40 lead	1 Cum	19.40
799	Lime concrete	1 Cum	86.40
800	Surki or cement concrete	1 Cum	135.00
801	Cuddapah slabs or shahabad stone slabs fooring on sand bed	10 Sqm	27.00
802	reinforced cement conrete	1 Cum	793.80
803	Through scraping of old pllastered surface	10 Sqm	16.20
804	Washing of platered surface with soap, soda and water (or with soda lime cumbly and water)	10 Sqm	5.40
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	17.30

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
806	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	18.40
	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	69.10
808	1.0 M to 2.0 M	1 cum	82.10
809	2.0 M to 3.0 M	1 cum	96.10
	b) Sandy soil		
810	0.0 M to 1.0 M	1 cum	110.20
811	1.0 M to 2.0 M	1 cum	170.60
812	2.0 M to 3.0 M	1 cum	206.30
	(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	2484.00
814	For each additional floor for M20 grade concrete	1 Cum	32.40
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	2548.80
816	For each additional floor for M25 grade concrete	1 Cum	32.40
	(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	356.40
818	Glazed and panelled doors	1 Sqm	343.40
819	Framed and plank doors	1 Sqm	335.90
820	Ledged, braced and plank doors	1 Sqm	288.40
821	Windows glazed	1 Sqm	343.40
822	Windows panelled	1 Sqm	452.50
823	Windows ledged, braced and plank	1 Sqm	288.40
824	Windows framed and plank	1 Sqm	274.30
825	Ventilators glazed, fixed with double frame with wire netting.	1 Sqm	343.40
826	Swing ventilators glazed	1 Sqm	370.40
827	Weldmesh doors and windows	1 Sqm	288.40

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
828	G.I or .AC sheet door & windows	1 Sqm	144.70
	(G) MISCELLANEOUS ITEMS		
829	Preparing gabions with jungle wood	Each	2.60
830	Planting plants	Each	1.90
831	Pruning plants	Each	1.90
832	Maintaining avenues including fencing, weeding, milching, watering etc per plant.	Each	4.50
833	- do - When scattered in hot weather with extra conveyance from March to June	Each	5.20
834	Hoisting or lowering of slab	1 cum	72.40
835	Dressing faces of granite stone (double line dressing)	1 Sqm	119.90
836	Dressing faces of other than granite stone(double line dressing)	1 Sqm	74.50
	Expansion Joint fillers		
	SUPPLY OF HIGH PERFORMANCE EXPANSION JOINT FILLER BOARD. CONFIRMING TO M.O.S.T (FOR ROADS&BUILDINGS)		
	"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

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	(H) SCAFFOLDING		
848	For superstructure in first floor over the rate of foundation and basement	1 cum	31.30
849	For second floor over the rate of first floor superstructure	1 cum	37.80
850	For third floor over the rate of 11nd floor superstructure	1 cum	50.80
851	For each additional floor over third floor	1 cum	22.70
	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	34.60
853	2nd and 3rd floor	10 Sqm	69.10
854	3rd and 4th floor	10 Sqm	103.70
855	Extra for every additional floor over 4th floor	10 Sqm	24.80
	Centering charges		
856	centering charges for all RCC roof slabs upto 150 mm depth and upto 3.66 M of floor height	10 Sqm	788.40
857	Centering charges for all RCC roof slabs upto 150 mm depth & 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	216.00
858	centering charges for all RCC roof slabs above 150 mm upto 300 mm depth and upto 3.66 M of floor height	10 Sqm	1170.70
859	Centering charges for all RCC roof slabs above 150 mm and upto 300depth & 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	319.70
	Centering charges for all R.C.C roof slabs projection upto 1.2 M only, at higher level without having such slab projections at lower levels.		
860	At 2nd floor level	10 Sqm	722.50
861	At 3rd floor level	10 Sqm	754.90
862	At 4th floor level	10 Sqm	788.40
863	Centering charges for all RCC waffle slabs includng ribs etc,(plain area) upto 3.66 M of floor height	10 Sqm	1203.10
864	Centering charges for all RCC waffle slabs including ribs etc. (plain area) & 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	328.30
865	Centering charges for all R.C.C helical stair cases.	10 Sqm	1284.10
866	Centering charges for RCM facia/ railing 50 to 75 mm thickness	1 Sqm	45.40

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
867	Centering charges for sunshade 0.6 M width	1 RM	34.00
868	Centering charges for sunshade 0.8 M width	1 RM	42.10
869	Centering charges for sunshade 1.00 M width	1 RM	47.50
870	Centering charges for T beams upto 3.66 M of floor height	1 cum	878.00
871	Centering charges for 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	239.80
872	Centering charges for Rectangular beam, L beams, upto 3.66 M of floor height	1 cum	744.10
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 over the rate as in item above	1 cum	203.00
874	Centering charges for columns, pedestals	1 cum	744.10
875	Centering charges for Templates, bed blocks and footings	1 cum	468.70
876	Centering charges for arches upto 1.5 M span	1 cum	1013.00
877	Centering charges for arches above 1.5 M span	1 cum	1081.10
878	Centering charges for lintels and plinth beams (less than 3.0 span)	1 cum	605.90
879	Centering charges for slabs above 300 mm depth	1 cum	703.10
880	Labour charges for 50 to 75 mm thick RCM Paradah walls	1 sqm	64.80
881	Labour charges for fixing A.C sheets including cost of J.Bots bitumen washers etc. with or without ridges.	10 sqm	371.50
	(j) LIFT CHARGES		
	For RCC items		
882	Between 1 st and 2 nd floor	1 cum	40.00
883	Between 2nd and 3rd floor	1 cum	98.30
884	Between 3rd and 4th floor	1 cum	183.60
885	Between 4th and 5th floor	1 cum	288.40
886	Between 5th and 6 th floor	1 cum	314.30
887	between 6ht and 7 th floor	1 cum	393.10
888	Between 7th and 8 th floor	1 cum	457.90
889	Between 8th and 9 th floor	1 cum	510.80
890	Between 9th and 10th floor	1 cum	589.70

S. No	Details	Unit	SS RATE FOR 2005-06
1	2	3	4
	LIFT CHARGES FOR BRICK MASONRY & STONE MASONRY		
891	Between 1 st and 2 nd floor	1 cum	32.90
892	Between 2nd and 3rd floor	1 cum	46.40
893	Between 3rd and 4th floor	1 cum	59.40
894	Add extra for every additional floor above 4th floor	1 cum	19.40
	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	16.20
896	Between 2nd and 3rd floor	10 Sqm	29.50
897	Between 3rd and 4th floor	10 Sqm	43.20
898	Add extra for every additional floor above 4th floor	10 Sqm	15.10
	Lift charges for plastering		
899	Between 1 st and 2 nd floor	10 Sqm	8.00
900	Between 2nd and 3rd floor	10 Sqm	14.00
901	Between 3rd and 4th floor	10 Sqm	20.50
902	Add extra for every additional floor above 4th floor	10 Sqm	9.10
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

SANITARY AND WATER SUPPLY ITEMS (Buildings)

S.No	Description of item	Unit	S S RATE FOR 2005-06
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	135.20
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	105.60
3	a) Supplying & fixing SWG bends 101.6 mm	Each	33.00
4	b) - do - labour charges only	Each	12.10
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	254.10
6	Supply of SWG pipe of ISI make conforming to ISI 651 4" dia (101.6mm)	1 RM	46.00
7	Supply of SWG pipe of ISI make conforming to ISI 651 6" dia (152.4mm)	1 RM	62.20
8	Supply of SWG pipe of ISI make conforming to ISI 651 8" dia (203.2mm)	1 RM	156.80
9	Supply of SWG pipe of ISI make conforming to ISI 651 10" dia (254mm)	1 RM	229.90
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	2420.00
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	1754.50

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
12	Extra for provision of medium weight 40 Kg in place of light weight cover.	Each	357.50
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	1870.00
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	1127.50
15	a) Supplying & fixing 101.6 mm C.I Plug Bend	Each	165.00
16	b) - do - labour charges only	Each	33.00
17	a) Supplying & fixing 152.4mm dia CI plug bend 1st quality	Each	377.00
18	b) - do - labour charges only	Each	43.70
19	a) Supplying & fixing 101.6mm dia CI Plain bend 1st quality	Each	154.00
20	b) - do - labour charges only	Each	33.00
21	a) Making drainage connection in the existing inspection including all repairs	Each	66.00
22	b) - do - labour charges only	Each	38.50
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	176.00
24	b) - do - labour charges only	1 RM	38.50
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	44.00
26	b) - do - labour charges only	1 RM	5.50
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	77.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
28	b) - do - labour charges only	1 RM	27.50
29	Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	46.10
30	b) - do - labour charges only	1 RM	19.00
31	a) Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	86.10
32	b) - do - labour charges only	1 RM	26.60
33	a) Supplying & fixing 101.6 mm C.I Soil pipes with cement caulked joints and painted black	1 RM	258.50
34	b) - do - labour charges only	1 RM	74.80
35	a) Supplying and fixing 152.4 mm (6") CI soil pipe 1st quality with cement caulked joints and painted black (single socket)	1 RM	467.50
36	b) - do - labour charges only	1 RM	74.80
37	a) Supplying and fixing 76.2 mm (3") CI soil pipe 1st quality with cement caulked joints and painted black (single socket)	1 RM	154.00
38	b) - do - labour charges only	1 RM	74.30
39	a) Supplying and fixing 152.4 mm(6") CI soil pipe 1st quality with cement caulked joints and painted black (Double socket)	1 RM	495.00
40	b) - do - labour charges only	1 RM	74.30
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	176.00
42	b) - do - labour charges only	1 RM	74.30
43	a) Supplying & fixing 101.6 mm (4") CI soil single junction with plug	Each	220.00
44	b) - do - labour charges only	Each	22.00
45	a) Supplying & fixing 152.4 mm (6") CI soil single junction with plain	Each	377.00
46	b) - do - labour charges only	Each	43.70
47	a) Supplying & fixing 152.4 x 152.4 mm (6"x6") CI single junction plug /door 1st quality	Each	434.50
48	b) - do - labour charges only	Each	26.20
49	a) S & F 101.6 mm (4") CI soil double junction with plug	Each	237.60
50	b) - do - labour charges only	Each	33.00
51	a) S & F 101.6 x 76.2 mm CI soil offsets (calcutta make)	Each	148.50
52	b) - do - labour charges only	Each	16.50

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
53	a) Supplying & fixing 152.4 x 152.4 mm CI single offset 1st quality	Each	290.20
54	b) - do - labour charges only	Each	26.20
55	a) Supplying & fixing 203.2 x 76.2 mm CI soil offsets 1st quality	Each	246.20
56	b) - do - labour charges only	Each	26.20
57	a) Supplying & fixing 101.6 mm x 152.4 mm C.I soil offsets (Calcutta make)	Each	176.00
58	b) - do - labour charges only	Each	19.80
59	a) Supplying & fixing 88.9 mm A.C cowls	Each	38.50
60	b) - do - labour charges only	Each	6.60
61	a) Supplying & fixing A.C Cowl 63.5 mm dia	Each	27.50
62	b) - do - labour charges only	Each	5.50
63	a) supplying & fixing 101.6 mm x 63.5 mm CI inverted double junction (Calcutta/Nagpur make)	Each	330.00
64	b) - do - labour charges only	Each	28.60
65	a) S & F 76.2 mm CI Naharytrap (Calcutta/Nagpur make)	Each	170.50
66	b) - do - labour charges only	Each	26.40
67	Removing and refixing W.C s	Each	133.10
68	Removing and refixing wash hand basins of any size with fittings complete	Each	104.50
69	a) S & F 76.2 x 101.6 mm teak wood block complete	Each	14.30
70	b) - do - labour charges only	Each	4.40
71	a) S& F 76.2 mm C.I plug bends (Calcutta/Nagpur make)	Each	110.00
72	b) - do - labour charges only	Each	13.20
73	a) S & F 76.2 mm CI plain beds (Calcutta/Nagpur make)	Each	96.80
74	b) - do - labour charges only	Each	11.00
75	a) S&F 76.2 mm C.I single junction with Plug (Calcutta / Nagapur make)	Each	148.50
76	b) - do - labour charges only	Each	18.70
77	a) S&F 76.2 mm C.I double junction with Plug (Calcutta / Nagapur make)	Each	209.00
78	b) - do - labour charges only	Each	22.00
79	a) Supplying & fixing 76.2 mm x 76.2 mm CI offsets (Calcutta/Nagpur make)	Each	115.50
80	b) - do - labour charges only	Each	3.30
81	a) Supplying & fixing 76.2 mm x 152.4 mm CI offsets (Calcutta/Nagpur make)	Each	126.50

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
82	b) - do - labour charges only	Each	16.50
83	Supply & fixing 101.6 mm dia CI floor traps 1st quality	Each	205.70
84	a)Boxing of Nahany traps in RCC floors	Each	88.00
85	b) - do - labour charges only	Each	44.00
86	Boxing of W.C Trap in R.C.C floor in 1st floor Labour charges only	Each	176.00
87	Cutting holes in C.C; basement & repairs Labour charges only	Each	49.50
88	Cutting holes in stone masonry & basement and repairs Labour charges only	Each	33.00
89	Cutting holes in Brick masonry & repairs Labour charges only	Each	22.00
90	Cutting holes in RCC slab floor & repairs Labour charges only	Each	33.00
91	a) S & F 584.2 mm long Indian pattern white glazed W.C and trap	Each	506.00
92	b) - do - labour charges only	Each	121.00
93	a) S & F 584.2 mm long Orissa pan of parry Neycer/H.S.W make with 'P' & 'S' trap	Each	849.20
94	b) - do - labour charges only	Each	151.80
95	a) S & F porcelain foot rest for I.W.C.(Rectangular pair)	Pair	121.00
96	b) - do - labour charges only	Pair	27.50
97	a) S & F low down porcelain flushing tank Hindustan Sanitary wae/ parry/ Neycer with internal components	Each	1210.00
98	b) - do - labour charges only	Each	220.00
99	a)S & F European type Hindustan / Neycer or parry W.C best Indian make white glazed (P trap)	Each	605.00
100	b) - do - labour charges only	Each	110.00
101	a) S & F European type Hindustan / Neycer or parry W.C best Indian make white glazed with 'S' trap	Each	715.00
102	b) - do - labour charges only	Each	110.00
103	a) S & F best Indian make plastic seat and lid for European water closets & Buffers as per IS 2548-1963	Each	242.00
104	b) - do - labour charges only	Each	33.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
	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	4878.50
106	b) Extra for colour	Each	1985.50
107	c) Extra for spl. Colour	Each	3971.00
108	a) Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	55.00
109	b) - do - labour charges only	Each	11.00
110	a) S & F 12.7 mm NP stop cock Indian make 300 grams	Each	101.20
111	b) - do - labour charges only	Each	13.20
112	a) S & F concealed stop cock 12.7 mm (1/2")	Each	148.50
113	b) - do - labour charges only	Each	15.20
114	a) S & F angle stop cock 12.7 mm dia first quality	Each	105.60
115	b) - do - labour charges only	Each	15.20
116	a) S&F 12.7 mm N.P bib tap Indian make 300 grams	Each	101.20
117	b) - do - labour charges only	Each	13.20
118	a) S&F 12.7mm N.P bib tap Indian make 250 grams	Each	85.80
119	b) - do - labour charges only	Each	11.00
120	a)S & F 31.75 mm brass plumber Union best Indian first quality	Each	27.50
121	b) - do - labour charges only	Each	5.50
122	a) S & F 12.7 mm brass stop cock Indian make 400 grams	Each	88.00
123	b) - do - labour charges only	Each	11.00
124	a) S & F 12.7 mm brass stop cock Indian make 300 grams	Each	82.50
125	b) - do - labour charges only	Each	11.00
126	a) S & F 12.7 mm brass bib cock Indian make 400 grams	Each	96.80
127	b) - do - labour charges only	Each	11.00
128	a) S & F 12.7 mm brass bib cock Indian make 300 grams	Each	82.50
129	b) - do - labour charges only	Each	12.10

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
130	S & F CP long body bib cock fancy type delux 300 grames dia 12.7 mm	Each	171.60
131	S & F 12.7mm dia high neck piller cock 1st quality Indian make 400 grams	Each	274.60
132	a) S & F 12.7 mm .M.P couplings	Each	19.80
133	b) - do - labour charges only	Each	5.50
134	a) S & F 19.05 mm M.P couplings	Each	22.00
135	b) - do - labour charges only	Each	5.50
136	a) S& F MP coupling 25.4 mm dia	Each	52.80
137	a) S & F PVC Rubber adopter for LLC and bend	Each	11.00
138	b) - do - labour charges only	Each	3.30
139	a) S& F 31.75 mm Brass union nuts	Each	19.80
140	b) - do - labour charges only	Each	3.30
141	a) S& F 38.1 mm Brass union nuts	Each	20.90
142	b) - do - labour charges only	Each	4.40
143	S& F GI union 12.7 mm 1st Quality	Each	21.10
144	S& F GI union 19.05 mm 1st Quality	Each	26.40
145	S& F GI union 25.4 mm 1st Quality	Each	39.60
146	S& F GI union 31.75 mm 1st Quality	Each	49.50
147	S& F GI union 38.1 mm 1st Quality	Each	59.40
148	S& F GI union 50.8 mm 1st Quality	Each	72.60
149	S& F GI connector 25.4 mm dia	Each	44.00
150	S& F 12.7 m GI 'T' A class 1st quality	Each	27.50
151	S& F 31.75 mm dia GI bend 1st quality	Each	39.60
152	S & F 31.75 mm dia GI 'T' 1st Quality	Each	38.70
153	a) Supplying & Fixing solder joints upto 50.8 mm dia	Each	34.10
154	b) - do - labour charges only	Each	11.00
155	a) Supplying & Fixing solution joints upto 50.8 dia 1st quality.	Each	6.80
156	b) - do - labour charges only	Each	1.30
157	a)S & F 558.8 mm x 406.4 mm Indian make wash hand basins (HSW/Parry/Earthenware) with 12.70 mm double N.P 400 grams piller taps wast plug chain complete with CI brackets including wooden block	Each	605.00
158	b) - do - labour charges only	Each	154.00
159	a) S& F pedestal (H.S.W / Parry/ Earthenware)	Each	594.00
160	b) - do - labour charges only	Each	55.00
161	a) S & F 31.75 mm C.P bottle trap (Heavy type)	Each	165.00
162	b) - do - labour charges only	Each	22.00
163	a) S & F 31.75 mm C.P TRAPS	Each	165.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
164	b) - do - labour charges only	Each	22.00
165	a) S & F 12.7 mm NP elbow action bib cock 600 gms	Each	253.00
166	b) - do - labour charges only	Each	19.00
167	a) S&F 12.7 m NP elbow action pillar cock 600 gms	Each	211.20
168	b) - do - labour charges only	Each	16.50
169	S&F 12.7 mm dia NP pillar cock 1st quality	Each	102.90
170	S&F 12.7 mm dia NP push cock 1st quality	Each	110.00
171	S&F 12.7 mm dia NP lift cock 1st quality	Each	88.00
172	a)S & F 38.1 mm C.P waste coupling	Each	50.60
173	b) - do - labour charges only	Each	13.20
174	a) S & F 31.75 mm PVC bottle trap	Each	71.50
175	b) - do - labour charges only	Each	11.00
176	a) S & F 38.1 mm brass plumber union	Each	36.70
177	b) - do - labour charges only	Each	5.50
178	a) S & F white glazed flat back urinals with screws complete Indian make (TWYFORT)(Parry/Neycer)	Each	385.00
179	b) - do - labour charges only	Each	60.50
180	a)S & F 19.05 mm NP stop cock Indian make with ISI mark 400 grams	Each	143.00
181	b) - do - labour charges only	Each	11.00
182	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	16.50
183	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	77.00
184	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	16.50
185	a) S & F NP telephonic shower spray set & valve mixer with rest and all fittings complete (ARK/ESSCO make)	Each	825.00
186	b) - do - labour charges only	Each	198.00
187	a) S & F NP shower spray fancy with NP Flexible pipe	Each	275.00
188	b) - do - labour charges only	Each	66.00
189	a) S & F NP cover for nahany trap	Each	17.60
190	b) - do - labour charges only	Each	8.80
191	a) Painting the flushing tank with white enamel paint	Each	60.50
192	b) - do - labour charges only	Each	30.80
193	S & F internal fittings for flush tank	Each	330.00
194	Repairing and over hauling flushing tank	Each	44.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
195	a) Supplying & Fixing NP chain rubber and plugh for bain	Each	22.00
196	b) - do - labour charges only	Each	3.30
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	2035.00
198	b) - do - labour charges only	Each	165.00
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	2420.00
200	b) - do - labour charges only	Each	165.00
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 includng CI cantilever brackets	Each	330.00
202	b) - do - labour charges only	Each	110.00
203	a) S & F 25.4 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	82.50
204	b) - do - labour charges only	Each	22.00
205	a) S & F 19.04 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	71.50
206	b) - do - labour charges only	Each	33.00
207	a) S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	104.50
208	b) - do - labour charges only	Each	27.50
209	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	33.00
210	b) - do - labour charges only	Each	5.50
211	a) S & F NP soap dish heavy type with NP SCREWS	Each	132.00
212	b) - do - labour charges only	Each	6.10
213	a) S & F NP holder brackets with screws	Each	27.50
214	b) - do - labour charges only	Each	6.60
215	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	121.00
216	b) - do - labour charges only	Each	11.00
217	a) Constructing R.C.C over head tank with partition complete	1 Lt	3.90
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	3.30

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
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	209.00
222	b) - do - labour charges only	Each	22.00
223	a) S & F 19.05 mm copper ball cock ith PVC ball Indian make ISI mark	Each	170.50
224	b) - do - labour charges only	Each	22.00
225	a)S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	110.00
226	b) - do - labour charges only	Each	22.00
227	a) S & F 25.4 mm GM peet valve Indian make heavy type	Each	231.00
228	b) - do - labour charges only	Each	22.00
229	a) S & F 19.05 mm GM peet valve Indian make heavy type	Each	178.20
230	b) - do - labour charges only	Each	22.00
231	a) S & F 12.7 mm GM peet valve Indian make heavy type	Each	137.50
232	b) - do - labour charges only	Each	22.00
233	a) S & F 31.75 mm GM peet valve Indian make heavy type 1st quality	Each	346.50
234	a) S & F 38.1 mm GM peet valve Indian make heavy type 1st quality	Each	545.60
235	b) - do - labour charges only	Each	33.00
236	a)S & F 50.8 mm dia GM peet valve 1st quality	Each	704.00
237	b) - do - labour charges only	Each	44.00
238	a)S & F 63.5 mm dia GM peet valve 1st quality	Each	1328.80
239	b) - do - labour charges only	Each	55.00
240	a)S & F 76.2 mm dia GM peet valve 1st quality	Each	1948.10
241	b) - do - labour charges only	Each	66.00
242	a) S& F 12.7 mm GI pipe 'A' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	71.50
243	b) - do - labour charges only	1 RM	19.80
244	a) S& F 19.05 mm GI pipe 'A' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	77.00
245	b) - do - labour charges only	1 RM	19.80
246	a) S& F 25.4 mm GI pipe 'A' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	121.00
247	b) - do - labour charges only	1 RM	19.80

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
248	a) S& F 38.1 mm GI pipe 'A' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	165.00
249	b) - do - labour charges only	1 RM	22.00
250	a) S& F 50.8 mm GI pipe 'A' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	203.50
251	b) - do - labour charges only	1 RM	33.00
252	a) S& F 12.7 mm GI pipe 'B' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	88.00
253	b) - do - labour charges only	1 RM	19.80
254	a) S& F 19.05 mm GI pipe 'B' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	93.50
255	b) - do - labour charges only	1 RM	19.80
256	a) S& F 25.4 mm GI pipe 'B' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	137.50
257	b) - do - labour charges only	1 RM	19.80
258	a) S& F 38.1 mm GI pipe 'B' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	192.50
259	b) - do - labour charges only	1 RM	22.00
260	a) S& F 50.8 mm GI pipe 'B' class ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	247.50
261	b) - do - labour charges only	1 RM	33.00
262	a) S& F 31.75 mm GI pipe 'B' class ISI mark with GI fittings including the cost & conveyance of all labour charges complete	1 RM	154.00
263	S & F 63.5 mm dia GI pipe 'B' class 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.	1 RM	257.40
264	a)S & F 12.7 mm holder bat clamps	Each	6.60
265	b) - do - labour charges only	Each	3.30
266	a)S & F 19.05 mm holder bat clamps	Each	11.00
267	b) - do - labour charges only	Each	3.30
268	a)S & F 25.4 mm holder bat clamps	Each	13.20
269	b) - do - labour charges only	Each	3.30

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
270	a)S & F 38.1 mm holder bat clamps	Each	16.50
271	b) - do - labour charges only	Each	4.40
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	198.00
273	b) - do - labour charges only	Each	49.50
274	a)Constructing Brick masonry supprt for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size including plastering and finishing etc. complete.	Each	33.00
275	b) - do - labour charges only	Each	11.00
276	a) S & F 12.7 x 152.0 mm NP shower rose heavy	Each	82.50
277	b) - do - labour charges only	Each	9.90
278	a) S & F 12.7 x 137.0 mm NP shower rose heavy	Each	82.50
279	b) - do - labour charges only	Each	11.00
280	a) S & F 12.7 x 101.6 mm NP shower rose heavy	Each	71.50
281	b) - do - labour charges only	Each	11.00
282	a) S & F 12.7 x 88.9 CP fancy shower	Each	132.00
283	b) - do - labour charges only	Each	11.00
284	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mudvalve) including making a hole	Each	22.00
285	b) - do - labour charges only	Each	11.00
286	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	33.00
287	b) - do - labour charges only	Each	11.00
288	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	38.50
289	b) - do - labour charges only	Each	13.20
290	a) Taking branch water connection from the existing 25.4 mm GI pipe including cutting threading, etc, complete with fitting,	Each	77.00
291	b) - do - labour charges only	Each	22.00
292	a) Taking branch water connection from the existing 19.05 mm GI pipe including cutting threading, etc, complete with fitting,	Each	44.00
293	b) - do - labour charges only	Each	19.80
294	a) Taking branch water connection from the existing 12.7 mm GI pipe including cutting threading, etc, complete with fitting,	Each	33.00
295	b) - do - labour charges only	Each	16.50
296	Supplying & fixing leather washers for 12.7 mm bib tap and stop cock	Each	1.10
297	Supplying & fixing leather washers for 19.05 mm bib tap and stop cock	Each	2.20

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
298	Supplying & Fixing 12.7 mm fibre washers	Each	2.20
299	Supplying & Fixing 19.05 mm fibre washers	Each	2.80
300	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	66.00
301	b) - do - labour charges only	Each	17.60
302	a) Supplying & fixing CI Nahany trap grating	Each	11.00
303	b) - do - labour charges only	Each	5.50
304	a) Supplying & fixing CI gully trap grating	Each	27.50
305	b) - do - labour charges only	Each	5.50
306	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	11.00
307	b) - do - labour charges only	Each	4.40
308	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	10.10
309	b) - do - labour charges only	Each	2.80
310	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	16.50
311	b) - do - labour charges only	Each	3.30
312	Removing 12.7 mm GI pipe and refixing the same	Rm	28.60
313	Removing 19.05 mm GI pipe and refixing the same	Rm	33.00
314	Removing 25.4 mm GI pipe and refixing the same	Rm	48.40
315	Removing 38.1 mm GI pipe and refixing the same	Rm	60.50
316	Removing 50.8 mm GI pipe and refixing the same	Rm	71.50
317	Cleaning the W.C with acid and Vim powder	Each	16.50
318	Cleaning the Urinal with acid and Vim power	Each	16.50
319	Cleaning the wash basin with acid and Vim power	Each	16.50
320	Cleaning the E.W.C with acid and Vim power	Each	16.50
321	a) Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight)	Each	462.00
322	b) - do - labour charges only	Each	44.00
323	a)Supplying & fixing CI steps for septic tank.	Each	27.50
324	b) - do - labour charges only	Each	5.50
325	a) Supplying & fixing 50.8 cm dia man hole frame & cover for 914.4 mm dia chamebr (Light weight)	Each	357.50
326	b) - do - labour charges only	Each	33.00
327	a) Supplying & fixing 50.8 cm dia man hole frame & cover for 914.4 mm dia chamebr (Medium weight)	Each	660.00
328	b) - do - labour charges only	Each	71.50
329	a) Supplying & fixing 101.6 x 101.6 mm SWG Tee	Each	49.50
330	b) - do - labour charges only	Each	12.10

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
331	a) S & F SWG pipe 101.6 mm of 1st Class with cement joints	1 RM	50.60
332	b) - do - labour charges only	1 RM	5.50
333	a) Supplying & Fixing SWG pipe 152.4 mm of 1st Class with cement joints	1 RM	66.00
334	b) - do - labour charges only	1 RM	11.00
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	1 Sqm	115.50
336	a) Constg. 50.8 mm RCC partition wall	1 Sqm	132.00
337	b) - do - labour charges only	1 Sqm	22.00
338	a) S & F double layer of bamboo matting tarred on both sides.	10 Sqm	330.00
339	b) - do - labour charges only	10 Sqm	55.00
340	Removing of 101.6 mm or 76.2 mm CI pipe	1 RM	16.50
341	a) Supplying & fixing 76.2 mm W.I clamps	Each	8.80
342	b) - do - labour charges only	Each	3.30
343	Extra depth of inspection chamber of 914.4 mm diameter excluding rock cutting.	1 Rm	660.00
344	Extra depth of inspection chamber of 914.4 x 457.2mm diameter excluding rock cutting.	1 Rm	660.00
345	a) Supplying & fixing NP coat hook	Each	22.00
346	b) - do - labour charges only	Each	5.50
347	Supplying & fixing small precast RCC water tanks including cover over the roof of building	1 Lit	3.30
348	Labour charges for laying glazed tiles	1 Sqm	55.00
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	4.50
350	b) - do - labour charges only	1 Lit	0.30
351	Supply of Plastic storage tank lid with hinges	Each	49.50
352	Supply & Fixing 76.2 mm dia PVC elbow 1st quality	Each	28.60
353	Supply & fixing 31.75 mm dia PVC flexible waste pipe of 914.4 mm length of 1st quality	Each	16.50
354	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	55.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
355	Supply & fixing Fancy PVC shelf including all fittings	Each	132.00
356	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457 .2 mm	Each	276.10
357	b) - do - labour charges only	Each	57.00
358	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	2.80
359	b) - do - labour charges only	Each	0.60
360	a) Supplying & fixing 19.06 mm dia GI plug	Each	3.30
361	b) - do - labour charges only	Each	0.60
362	a) Supplyng and fixing 38.1 mm dia of GI plug	Each	12.10
363	b) - do - labour charges only	Each	3.30
364	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	27.50
365	b) - do - labour charges only	Each	5.50
366	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	38.50
367	b) - do - labour charges only	Each	8.80
368	a) Supplyng & fixing 19.05 mm non return valve	Each	187.00
369	b) - do - labour charges only	Each	27.50
370	a) Supplying & fixing 25.4 mm dia non return valve	Each	249.70
371	b) - do - labour charges only	Each	33.00
372	a) Supplying & fixing 38.1 m dia non return valve	Each	445.50
373	b) - do - labour charges only	Each	55.00
374	a) Supplying & fixing 50.8 mm dia non return valve	Each	638.00
375	b) - do - labour charges only	Each	55.00
376	a) Supplying & fixing C.P flange.	Each	8.80
377	b) - do - labour charges only	Each	3.30
378	a) Supplying & fixing stainless steel sink size 36" x 18 " (914.4x457.2mm) 1 mm thick with accessories	Each	3520.00
379	b) - do - labour charges only	Each	165.00
380	a) Supplying & fixing stainless steel sink size 24" x18" x 8 " (609.6x457.2x203.2mm) 1 mm thick with accessories	Each	2915.00
381	b) - do - labour charges only	Each	165.00
382	a) Supplying & fixing stainless steel sink size 20" x18" x 8 " (508x457.2x203.2mm) 1 mm thick with accessories	Each	2640.00
383	b) - do - labour charges only	Each	165.00
384	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonrywhite cement pointing.	Each	250.80

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
385	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bib cock indian make heavy type including all materials	Each	506.00
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	2989.80
387	Supply & fixing porcelain P' trap	Each	132.00
388	Supplying & fixing oval shape basin white(520x410mm) parry or equalivalent	Each	1298.00
389	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	440.00
390	Supply & fixing cp spl. Grating with frame and cover of 1st quality	Each	31.40
391	Supply & fixing towel rod (CP) of 24" long and 3/4 " dia	Each	204.60
392	Supply & fixing of LLC handle set 1st quality	Each	44.00
	Supply & fixing 4" dia CP thimble pipe		
393	a) 150 mm long	Each	220.00
394	b) 220 mm long	Each	330.00
395	c) 300 mm long	Each	440.00
396	Supply & fixing CP long bend	Each	178.80
397	Supply & fixing CP short bend	Each	89.10
	Supply & fixing of PVC low level system parryware, slimline with internal components & short bend.		
398	a) 10 Ltrs capacity white	Each	605.00
399	b) 10 ltrs capacity colour	Each	671.00
400	c) 8 lts capacity tuffmate white & colour	Each	407.00
401	Supplying & fixng bib cock with flange C.P jaquar make queen series.	Each	752.00
	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook of jaquar make queen series		
402	a) Chrome plated	Each	2139.80
403	b) Ivory gold	Each	3684.50
	Supply & fixing pillar cock jaquar make Queen series		
404	a) Chrome plated	Each	783.20
405	b) Ivory gold	Each	1371.70
	Supply & fixing Angular stop cokc with wall flange jaquar make Queen series		
406	a) Chrome plated	Each	723.30

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
407	b) Ivory gold	Each	1338.70
	Supply & fixing Waste coupling jaquar make		
408	a) Chrome plated	Each	134.60
409	b) Ivory gold	Each	147.60
	Supply & fixing of Bottle trap jaquar make		
410	a) Chrome plated	Each	504.90
411	b) Ivory gold	Each	1027.40
	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make		
412	a) Chrome plated	Each	153.20
413	b) Ivory gold	Each	271.70
	Supply and fixing wall mirror with provision for ove head shower and 115 mm long bend pipe with wall flange jaquar make queen series		
414	a) Chrome plated	Each	2476.10
415	b) Ivory gold	Each	4596.40
	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make qureen sseries.		
416	a) Chrome plated	Each	969.10
417	b) Ivory Gold	Each	1712.60
418	Supply and Fixing Wall Mixer with Telephonic shower arrangement with crutch and flexible pipe Jaquar series Ivory gold colour for bath tub.	Each	4522.30
419	Suply & 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.	Each	775.00
420	Supply & fixing sink cock with regular swinging spout with wall flange chromeplated Jaquar make Queen series	Each	1084.50
	Supply & fixing soap dish jaquar make queen series:		
421	a) Chrome plated	Each	624.50
422	b) Ivory Gold	Each	996.30
	Supply & fixing of toilet paper holder Jaquar make Queen series.		
423	a) Chrome plated	Each	507.40
424	b) Ivory Gold	Each	803.40
	Supply & Fixing of Towel ring Jaquar make Queen series		
425	a) Chrome plated	Each	523.20
426	b) Ivory Gold	Each	803.40

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
	Supply & Fixing of towel coat hok Jaquar make Queen series		
427	a) Chrome plated	Each	355.60
428	b) Ivory Gold	Each	563.80
429	Supply & Fixing of Towel rod 24 " Jaquar make Queen series Ivory gold colour	Each	2740.10
430	Supply & Fixing of Tumbler holder Jaquar make Queen series, Ivory gtold colour	Each	877.50
431	Supply & fixing of Glass shelf 22" Jaquar make Queen series, Ivory gold colour	Each	1680.90
	"CZAR" OR EQUIVALENT BATH ROOM FITTINGS ACCESSORIES PRICES INCLUSION OF ALL THE TAXES		
432	Polo 3 flow hand shower-ts1000	Each	950.00
433	Polo 3 flow overhead shower - ts 1001	Each	779.00
434	Polo 4 flow hand shower - ts 1002	Each	1425.00
435	Rain head shower 6"-ts 1003	Each	665.00
436	Rain head shower 9"- ts 1004	Each	1425.00
437	Rio hand 4 flow shower -ts 1005	Each	903.00
438	Rio 4 flow overhead shower -ts 1006	Each	713.00
439	Viva 4 flow hand shower -ts 1007	Each	1378.00
440	Viva 4 flow overhead shower . ts1008	Each	1045.00
441	Sliding tel shower rail -ts 1009	Each	665.00
442	Flexi shower rail -ts 1010	Each	950.00
443	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -cp	Each	570.00
444	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -col/cp	Each	760.00
445	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -col/gold	Each	894.00
446	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -spl/gold	Each	994.00
447	Tel shower jet/w/1.5 mtr pipe & wall hook -s 2302 -gold	Each	1169.00
448	Health faucet -s 2307 -cp	Each	676.00
449	Health faucet -s 2307 -col/cp	Each	901.00
450	Health faucet -s 2307 -col/gold	Each	1061.00
451	Health faucet -s 2307 -spl/gold	Each	1179.00
452	Health faucet -s 2307 -gold	Each	1387.00
453	Bottle trap h/ casted 40/32mm -s 2061-cp	Each	575.00
454	Bottle trap h/ casted 40/32mm -s 2061-col/cp	Each	765.00
455	Bottle trap h/ casted 40/32mm -s 2061-col/gold	Each	902.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
456	Bottle trap h/ casted 40/32mm -s 2061-spl/gold	Each	1001.00
457	Bottle trap h/ casted 40/32mm -s 2061-gold	Each	1179.00
458	Bottle trap exclu 40/32mm -s 2602 cp	Each	405.00
459	Waste coupling heavy - s2603 cp 32mm	Each	138.00
460	Waste coupling heavy - s2604cp 40mm	Each	157.00
461	Waste coupling heavy - s2603 col/cp 32mm	Each	183.00
462	Waste coupling heavy - s2604 col/cp 40mm	Each	209.00
463	Waste coupling heavy - s2603 spl/gold 32mm	Each	240.00
464	Waste coupling heavy - s2604 spl/gold 40mm	Each	274.00
465	Waste coupling heavy - s2603 gold 32mm	Each	282.00
466	Waste coupling heavy - s2604 gold 40mm	Each	321.00
467	Waste coupling 150 mm long - s2605 cp 40mm	Each	217.00
468	Waste coupling 150 mm long - s2605 col/cp 40mm	Each	289.00
469	Waste coupling 150 mm long - s2605 spl/gold 40mm	Each	377.00
470	Waste coupling 150 mm long - s2605 gold 40mm	Each	445.00
471	Bath tub over flow set-s2606 -cp	Each	426.00
472	Bath tub over flow set-s2606 -col/cp	Each	567.00
473	Bath tub over flow set-s2606 -col/gold	Each	668.00
474	Bath tub over flow set-s2606 -spl/gold	Each	742.00
475	Bath tub over flow set-s2606 -gold		873.00
476	Concealed flush valve 32mm -sy 163 cp	Each	1615.00
477	Concealed flush valve 32mm -sy 163 col/cp	Each	2154.00
478	Concealed flush valve 32mm -sy 163 col/gold	Each	2534.00
479	Concealed flush valve 32mm -sy 163 spl/gold	Each	2815.00
480	Concealed flush valve 32mm -sy 163 gold	Each	3312.00
481	Urinal flush valve 15mm -sy 2404 cp	Each	1055.00
482	Urinal flush valve 15mm -sy 2404 col/cp	Each	1406.00
483	Urinal flush valve 15mm -sy 2404 col/gold	Each	1654.00
484	Urinal flush valve 15mm -sy 2404 spl/gold	Each	1837.00
485	Urinal flush valve 15mm -sy 2404 gold	Each	2162.00
486	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 cp	Each	1587.00
487	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 col/cp	Each	2116.00
488	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 col/gold	Each	2489.00
489	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 spl/gold	Each	2765.00
490	Single line flush valve 32 mm w/elbow bend & flange - sy 2405 gold	Each	3253.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
491	Single line flush valve 32 mm w/o elbow bend - sy 2406 cp	Each	1397.00
492	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 col/cp	Each	1862.00
493	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 col/gold	Each	2191.00
494	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 spl/gold	Each	2434.00
495	Single line flush valve 32 mm w/elbow bend & flange - sy 2406 gold	Each	2863.00
496	Flush cock half turn -25mm -s2407 cp	Each	713.00
497	Flush cock half turn -25mm -s2407 col/cp	Each	950.00
498	Flush cock half turn -25mm -s2407 col/gold	Each	1117.00
499	Flush cock half turn -25mm -s2407 spl/gold	Each	1242.00
500	Flush cock half turn -25mm -s2407 gold	Each	1461.00
501	Flush cock lever type -25mm -s2408 cp	Each	806.00
502	Flush cock lever type -25mm -s2408 col/cp	Each	1076.00
503	Flush cock lever type -25mm -s2408 col/gold	Each	1266.00
504	Flush cock lever type -25mm -s2408 spl/gold	Each	1407.00
505	Flush cock lever type -25mm -s2408 gold	Each	1656.00
506	Push cock 25mm -s2409 cp	Each	722.00
507	Push cock 25mm -s2409 col/cp	Each	962.00
508	Push cock 25mm -s2409 col/gold	Each	1132.00
509	Push cock 25mm -s2409 spl/gold	Each	1258.00
510	Push cock 25mm -s2409 gold	Each	1480.00
511	Urinal push cook 15 mm - s 2410 cp	Each	229.00
512	Urinal push cook 15 mm - s 2410 col/cp	Each	305.00
513	Urinal push cook 15 mm - s 2410 col/gold	Each	359.00
514	Urinal push cook 15 mm - s 2410 spl/goldcp	Each	399.00
515	Urinal push cook 15 mm - s 2410 gold	Each	469.00
516	Pillar cock deluxe s 2000 15mm	Each	309.00
517	Pillar cock regular s 2001 15mm	Each	371.00
518	Bib cock with flange s 2002 15mm	Each	301.00
519	Bib cock long nose with flange s 2003 15mm	Each	407.00
520	Bib cock long body straight with flange s 2004 15mm	Each	356.00
521	Concealed stop cock sheet flange s 2007 15mm	Each	372.00
522	Concealed sheet sliding s 2010 15mm	Each	405.00
523	Concealed sheet sliding s 2006 20mm	Each	466.00
524	Concealed casted sliding wall flange s 2009 15mm	Each	483.00
525	Concealed casted sliding wall flange s 2013 20mm	Each	676.00
526	Concealed casted s 2008 15mm	Each	475.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
527	Concealed casted s 2012 20mm	Each	638.00
528	Angle cock with wall flange s 2014 15mm	Each	290.00
529	Angle cock with long thread with flange s 2015 15mm	Each	314.00
530	Angle cock with 18" connection with flange s 2016 15mm	Each	368.00
531	Swan neck (left/right) s 2018 15mm	Each	608.00
532	Sink cock with casted swivel spout with flange s 2019 15mm	Each	590.00
533	Bath cock with wall flange s 2020 15mm	Each	618.00
534	Two way bib cock with flange s 2021 15mm	Each	475.00
535	Two way angle cock with flange s 2022 15mm	Each	475.00
536	Sink cock table mounted with casted swivel spout s 2023 15mm	Each	594.00
537	Sink cock pipe spout "goose" s 2024 15mm	Each	594.00
538	Central hole basin mixer s 2101 15mm	Each	1235.00
539	Close hole basin mixer s 2102 15mm	Each	1235.00
540	Three hole basin mixer without pop up waste system s 2103 15mm	Each	1435.00
541	Three hole basin with pop up waste system s 8-2103 a 15mm	Each	1710.00
542	Wall mixer with arrangement for telephonic shower s 2105 a 15mm	Each	1406.00
543	Wall mixer non telephonic shower arrangement s 2106 15mm	Each	1159.00
544	Wall mixer with bend for over head shower s 2105 15mm	Each	1454.00
545	Wall mixer with tip ton for telephonic shower arrangement s 2104 15mm	Each	1425.00
546	Wall mixer 3 in 1 for both telephonic shower & overlead shower s 2107 15mm	Each	1710.00
547	Sink mixer with casted swivel spout s 2109 15mm	Each	1088.00
548	Sink mixer table mounted with casted swivel spout s 2111 15mm	Each	1197.00
549	Sink mixer pipe spout "goose" s 2112 15mm	Each	1259.00
550	Four hole bidet mixer with pop up waste system (bottom spray) s 2110 15 mm	Each	1910.00
551	One hole bidet mixer with pop up waste system s 2108 15 mm	Each	1663.00
552	Spout plain with flange s 2201 15mm	Each	485.00
553	Spout plain with flange s 2202 20mm	Each	525.00
554	Spout with flange 9" long s 2203 15mm	Each	609.00
555	Tip ton spout with flange s 2205 15mm	Each	796.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
556	Shower arm with wall range s 2306 15mm	Each	243.00
557	Sona shower s 2305 15mm	Each	335.00
558	Tushar shower s 2304 15mm	Each	330.00
559	Flush valve without elbow bend s 2401 32mm	Each	1563.00
560	Flush valve with elbow blend & wall falnge s 2402 32 mm	Each	1781.00
561	Two way bvertor with flange s 2501 15 mm	Each	875.00
562	Four way owertor with nrv s 2503 15mm	Each	1363.00
563	Four way fflvertor with nrv extended for duct provision s 2504 15mm	Each	1811.00
564	Concealed casted sliding extended for duct s 2505 15mm	Each	829.00
565	Piller cock sy 101 cp	Each	380.00
566	Piller cock sy 101 col/cp	Each	506.00
567	Piller cock sy 101 col/gold	Each	596.00
568	Piller cock sy 101 spl/gold	Each	662.00
569	Piller cock sy 101 gold	Each	779.00
570	Bib cock with flange sy 102 cp	Each	366.00
571	Bib cock with flange sy 102 col/cp	Each	501.00
572	Bib cock with flange sy 102 col/gold	Each	589.00
573	Bib cock with flange sy 102 spl/gold	Each	654.00
574	Bib cock with flange sy 102 gold	Each	770.00
575	Bib cock long nose with flange sy 103 cp	Each	475.00
576	Bib cock long nose with flange sy 103 col/cp	Each	634.00
577	Bib cock long nose with flange sy 103 col/gold	Each	745.00
578	Bib cock long nose with flange sy 103 spl/gold	Each	827.00
579	Bib cock long nose with flange sy 103 gold	Each	974.00
580	Stop cock male/female sy 105 cp	Each	342.00
581	Stop cock male/female sy 105 col/cp	Each	456.00
582	Stop cock male/female sy 105 col/gold	Each	537.00
583	Stop cock male/female sy 105 spl/gold	Each	596.00
584	Stop cock male/female sy 105 gold	Each	701.00
585	Concealed casted 15 mm with adjustable w/f sy 106 cp	Each	534.00
586	Concealed casted 15 mm with adjustable w/f sy 106 col/cp	Each	712.00
587	Concealed casted 15 mm with adjustable w/f sy 106 col/gold	Each	837.00
588	Concealed casted 15 mm with adjustable w/f sy 106 spl/gold	Each	930.00
589	Concealed casted 15 mm with adjustable w/f sy 106 gold	Each	1094.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
590	Concealed casted 20mm with adjustable w/f sy 107 cp	Each	724.00
591	Concealed casted 20mm with adjustable w/f sy 107 col/cp	Each	965.00
592	Concealed casted 20mm with adjustable w/f sy 107 col/gold	Each	1135.00
593	Concealed casted 20mm with adjustable w/f sy 107 spl/gold	Each	1262.00
594	Concealed casted 20mm with adjustable w/f sy 107 gold	Each	1484.00
595	Concealed casted heavy 20mm with adjustable w/f sy 107a cp	Each	770.00
596	Concealed casted heavy 20mm with adjustable w/f sy 107a col/cp	Each	1027.00
597	Concealed casted heavy 20mm with adjustable w/f sy 107a col/gold	Each	1208.00
598	Concealed casted heavy 20mm with adjustable w/f sy 107a spl/gold	Each	1342.00
599	Concealed casted heavy 20mm with adjustable w/f sy 107a gold	Each	1580.00
600	Angle cock with wall flange sy 100 cp	Each	342.00
601	Angle cock with wall flange sy 100 col/cp	Each	456.00
602	Angle cock with wall flange sy 100 col/gold	Each	537.00
603	Angle cock with wall flange sy 100 spl/gold	Each	596.00
604	Angle cock with wall flange sy 100 gold	Each	701.00
605	Angle cock with 18" connection & flange sy 100a cp	Each	491.00
606	Angle cock with 18" connection & flange sy 100a col/cp	Each	656.00
607	Angle cock with 18" connection & flange sy 100a col/gold	Each	771.00
608	Angle cock with 18" connection & flange sy 100a spl/gold	Each	857.00
609	Angle cock with 18" connection & flange sy 100a gold	Each	1008.00
610	Two way angle cock with flange sy 100b cp	Each	665.00
611	Two way angle cock with flange sy 100b col/cp	Each	886.00
612	Two way angle cock with flange sy 100b col/gold	Each	1043.00
613	Two way angle cock with flange sy 100b spl/gold	Each	1159.00
614	Two way angle cock with flange sy 100b gold	Each	1363.00
	Swan neck (left/right) sy 111 cp	Each	694.00
615	Swan neck (left/right) sy 111 col/cp	Each	924.00
616	Swan neck (left/right) sy 111 col/gold	Each	1088.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
617	Swan neck (left/right) sy 111 spl/gold	Each	1208.00
618	Swan neck (left/right) sy 111 gold	Each	1422.00
619	Sink cock with casted swivel spout sy 112 cp	Each	656.00
620	Sink cock with casted swivel spout sy 112 col/cp	Each	874.00
621	Sink cock with casted swivel spout sy 112 col/gold	Each	1028.00
622	Sink cock with casted swivel spout sy 112 spl/gold	Each	1142.00
623	Sink cock with casted swivel spout sy 112 gold	Each	1344.00
624	Bib cock surgical with flange sy 114 cp	Each	702.00
625	Bib cock surgical with flange sy 114 col/cp	Each	936.00
626	Bib cock surgical with flange sy 114 col/gold	Each	1101.00
627	Bib cock surgical with flange sy 114 spl/gold	Each	1224.00
628	Bib cock surgical with flange sy 114 gold	Each	1440.00
629	Pillar cock surgical sy 115 cp	Each	653.00
630	Pillar cock surgical sy 115 col/cp	Each	870.00
631	Pillar cock surgical sy 115 col/gold	Each	1024.00
632	Pillar cock surgical sy 115 spl/gold	Each	1137.00
633	Pillar cock surgical sy 115 gold	Each	1339.00
634	Two way bib cock with flange sy 116 cp	Each	665.00
635	Two way bib cock with flange sy 116 col/cp	Each	886.00
636	Two way bib cock with flange sy 116 col/gold	Each	1043.00
637	Two way bib cock with flange sy 116 spl/gold	Each	1159.00
638	Two way bib cock with flange sy 116 gold	Each	1363.00
639	Bib cock tip ton with wall flange sy 116a cp	Each	665.00
640	Bib cock tip ton with wall flange sy 116a col/cp	Each	886.00
641	Bib cock tip ton with wall flange sy 116a spl/gold	Each	1043.00
642	Bib cock tip ton with wall flange sy 116a spl/gold	Each	1159.00
643	Bib cock tip ton with wall flange sy 116a gold	Each	1363.00
644	Swan neck with casted swivel spout sy 118 cp	Each	732.00
645	Swan neck with casted swivel spout sy 118 col/cp	Each	976.00
646	Swan neck with casted swivel spout sy 118 col/gold	Each	1148.00
647	Swan neck with casted swivel spout sy 118 spl/gold	Each	1275.00
648	Swan neck with casted swivel spout sy 118 gold	Each	1500.00
649	Sink cock table top with casted swivel spout sy 119 cp	Each	689.00
650	Sink cock table top with casted swivel spout sy 119 col/cp	Each	919.00
651	Sink cock table top with casted swivel spout sy 119 col/gold	Each	1080.00
652	Sink cock table top with casted swivel spout sy 119 spl/gold	Each	1200.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
653	Sink cock table top with casted swivel spout sy 119 gold	Each	1413.00
654	Cental hole basin mixer sy 121 cp	Each	1335.00
655	Cental hole basin mixer sy 121 col/cp	Each	1779.00
656	Cental hole basin mixer sy 121 col/gold	Each	2094.00
657	Cental hole basin mixer sy 121 spl/gold	Each	2327.00
658	Cental hole basin mixer sy 121 gold	Each	2737.00
659	3 tap hole basin mixer w/o pop up waste system sy 122 cp	Each	1525.00
660	3 tap hole basin mixer w/o pop up waste system sy 122 col/cp	Each	2033.00
661	3 tap hole basin mixer w/o pop up waste system sy 122 col/gold	Each	2392.00
662	3 tap hole basin mixer w/o pop up waste system sy 122 spl/gold	Each	2657.00
663	3 tap hole basin mixer w/o pop up waste system sy 122 gold	Each	3126.00
664	3 top hole with pop up waste system sy 134 cp	Each	1899.00
665	3 top hole with pop up waste system sy 134 col/cp	Each	2518.00
666	3 top hole with pop up waste system sy 134 col/gold	Each	2962.00
667	3 top hole with pop up waste system sy 134 spl/gold	Each	3292.00
668	3 top hole with pop up waste system sy 134 gold	Each	3872.00
669	Wall mixer with bend for over head shower sy 123 cp	Each	1699.00
670	Wall mixer with bend for over head shower sy 123 col/cp	Each	2265.00
671	Wall mixer with bend for over head shower sy 123 col/gold	Each	2665.00
672	Wall mixer with bend for over head shower sy 123 spl/gold	Each	2960.00
673	Wall mixer with bend for over head shower sy 123 gold	Each	3483.00
674	Wall mixer with arrangement for telephonic shower sy 124 cp	Each	1618.00
675	Wall mixer with arrangement for telephonic shower sy 124 col/cp	Each	2157.00
676	Wall mixer with arrangement for telephonic shower sy 124 col/gold	Each	2537.00
677	Wall mixer with arrangement for telephonic shower sy 124 spl/gold	Each	2820.00
678	Wall mixer with arrangement for telephonic shower sy 124 gold	Each	3317.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
679	Wall mixer tip ton for telephonic shower arrangement sy 125 cp	Each	1618.00
680	Wall mixer tip ton for telephonic shower arrangement sy 125 col/cp	Each	2157.00
681	Wall mixer tip ton for telephonic shower arrangement sy 125 col/gold	Each	2537.00
682	Wall mixer tip ton for telephonic shower arrangement sy 125 spl/gold	Each	2820.00
683	Wall mixer tip ton for telephonic shower arrangement sy 125 gold	Each	3317.00
684	Wall mixer non telephonic shower system sy 126 cp	Each	1224.00
685	Wall mixer non telephonic shower system sy 126 col/cp	Each	1631.00
686	Wall mixer non telephonic shower system sy 126 col/gold	Each	1919.00
687	Wall mixer non telephonic shower system sy 126 spl/gold	Each	2133.00
688	Wall mixer non telephonic shower system sy 126 gold	Each	2509.00
689	Wall mixer 2 in i for both telephonic shower & o/s sy 127 cp	Each	2110.00
690	Wall mixer 2 in i for both telephonic shower & o/s sy 127 col/cp	Each	2813.00
691	Wall mixer 2 in i for both telephonic shower & o/s sy 127 col/gold	Each	3310.00
692	Wall mixer 2 in i for both telephonic shower & o/s sy 127 spl/gold	Each	3677.00
693	Wall mixer 2 in i for both telephonic shower & o/s sy 127 gold	Each	4326.00
694	Sink mixer with casted swivel spout sy 126 cp	Each	1224.00
695	Sink mixer with casted swivel spout sy 126 col/cp	Each	1631.00
696	Sink mixer with casted swivel spout sy 126 col/gold	Each	1919.00
697	Sink mixer with casted swivel spout sy 126 spl/gold	Each	2133.00
698	Sink mixer with casted swivel spout sy 126 gold	Each	2509.00
699	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 cp	Each	2119.00
700	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 col/cp	Each	2826.00
701	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 col/gold	Each	3325.00
702	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 spl/gold	Each	3694.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
703	Four hole bidet mixer with pop up waste system (bottom spray) sy 130 gold	Each	4346.00
704	One hole bidet mixer with pop up waste system sy131 cp	Each	1816.00
705	One hole bidet mixer with pop up waste system sy131 col/cp	Each	2422.00
706	One hole bidet mixer with pop up waste system sy131 col/gold	Each	2849.00
707	One hole bidet mixer with pop up waste system sy131 spl/gold	Each	3165.00
708	One hole bidet mixer with pop up waste system sy131 gold	Each	3725.00
709	Single hole sink mixer table top with waste system sy 132 cp	Each	1321.00
710	Single hole sink mixer table top with waste system sy 132 col/cp	Each	1760.00
711	Single hole sink mixer table top with waste system sy 132 col/gold	Each	2071.00
712	Single hole sink mixer table top with waste system sy 132 spl/gold	Each	2301.00
713	Single hole sink mixer table top with waste system sy 132 gold	Each	2708.00
714	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 cp	Each	1777.00
715	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 col/cp	Each	2370.00
716	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 col/gold	Each	2788.00
717	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 spl/gold	Each	3098.00
718	Bath tub mixer table mounted with telephone shower arrangement (exposed adjustable legs) sy 133 gold	Each	3645.00
719	Spout up ton with flange sy 141 cp	Each	948.00
720	Spout up ton with flange sy 141 col/cp	Each	1264.00
721	Spout up ton with flange sy 141 col/gold	Each	1487.00
722	Spout up ton with flange sy 141 spl/gold	Each	1652.00
723	Spout up ton with flange sy 141 gold	Each	1944.00
724	Spout plain with flange sy 142 cp	Each	632.00
725	Spout plain with flange sy 142 col/cp	Each	843.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
726	Spout plain with flange sy 142 col/gold	Each	991.00
727	Spout plain with flange sy 142 spl/gold	Each	1101.00
728	Spout plain with flange sy 142 gold	Each	1296.00
729	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 cp	Each	673.00
730	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 col/cp	Each	896.00
731	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 col/gold	Each	1055.00
732	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 spl/gold	Each	1171.00
733	Telephonic shower fitted with 1.5 metre pvc tube & swivel hook sy 152 gold	Each	1378.00
734	Bell shower sy 155 cp	Each	352.00
735	Bell shower sy 155 col/cp	Each	469.00
736	Bell shower sy 155 col/gold	Each	552.00
737	Bell shower sy 155 spl/gold	Each	614.00
738	Bell shower sy 155 gold	Each	722.00
739	Shower arm with flange cp	Each	287.00
740	Shower arm with flange col/cp	Each	383.00
741	Shower arm with flange col/gold	Each	450.00
742	Shower arm with flange spl/gold	Each	501.00
743	Shower arm with flange gold	Each	589.00
744	Flush valve with elbow bend 32mm & wall range sy 161 cp	Each	1933.00
745	Flush valve with elbow bend 32mm & wall range sy 161 col/cp	Each	2577.00
746	Flush valve with elbow bend 32mm & wall range sy 161 col/gold	Each	3032.00
747	Flush valve with elbow bend 32mm & wall range sy 161 spl/gold	Each	3369.00
748	Flush valve with elbow bend 32mm & wall range sy 161 gold	Each	3963.00
749	Flush valve with out elbow bend 32mm sy 162 cp	Each	1673.00
750	Flush valve with out elbow bend 32mm sy 162 col/cp	Each	2231.00
751	Flush valve with out elbow bend 32mm sy 162 col/gold	Each	2624.00
752	Flush valve with out elbow bend 32mm sy 162 spl/gold	Each	2916.00
753	Flush valve with out elbow bend 32mm sy 162 gold	Each	3430.00
754	Flush cock half turn 25mm cp	Each	950.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
755	Flush cock half turn 25mm col/cp	Each	1266.00
756	Flush cock half turn 25mm col/gold	Each	1491.00
757	Flush cock half turn 25mm spl/gold	Each	1656.00
758	Flush cock half turn 25mm gold	Each	1948.00
759	Two way divertor with flange sy 172 cp	Each	888.00
760	Two way divertor with flange sy 172 col/cp	Each	1184.00
761	Two way divertor with flange sy 172 col/gold	Each	1393.00
762	Two way divertor with flange sy 172 spl/gold	Each	1548.00
763	Two way divertor with flange sy 172 gold	Each	1821.00
764	Four way divertor with nrv sy 173 cp	Each	1440.00
765	Four way divertor with nrv sy 173 col/cp	Each	1921.00
766	Four way divertor with nrv sy 173 col/gold	Each	2259.00
767	Four way divertor with nrv sy 173 spl/gold	Each	2510.00
768	Four way divertor with nrv sy 173 gold	Each	2954.00
769	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 cp	Each	2594.00
770	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 col/cp	Each	3458.00
771	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 col/gold	Each	4068.00
772	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 spl/gold	Each	4520.00
773	Single lever basin mixer without pop up waste system with 455mm copper connections & nuts sy 181 gold	Each	5318.00
774	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 cp	Each	2898.00
775	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 col/cp	Each	3864.00
776	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 col/gold	Each	4545.00
777	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 spl/gold	Each	5049.00
778	Single lever basin mixer with pop up waste system with 455mm copper connections & nuts sy 185 gold	Each	5941.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
779	Single lever concealed diverter for bath & over head shower system sy 182 cp	Each	2898.00
780	Single lever concealed diverter for bath & over head shower system sy 182 col/cp	Each	3864.00
781	Single lever concealed diverter for bath & over head shower system sy 182 col/gold	Each	4545.00
782	Single lever concealed diverter for bath & over head shower system sy 182 spl/gold	Each	5049.00
783	Single lever concealed diverter for bath & over head shower system sy 182 gold	Each	5941.00
784	Single lever wall mixer with telephonic shower arrangement sy 183 cp	Each	3705.00
785	Single lever wall mixer with telephonic shower arrangement sy 183 col/cp	Each	4940.00
786	Single lever wall mixer with telephonic shower arrangement sy 183 col/gold	Each	5812.00
787	Single lever wall mixer with telephonic shower arrangement sy 183 spl/gold	Each	6457.00
788	Single lever wall mixer with telephonic shower arrangement sy 183 gold	Each	7597.00
789	Single lever sink mixer with casted swivel spout sy 184 cp	Each	3409.00
790	Single lever sink mixer with casted swivel spout sy 184 col/cp	Each	4545.00
791	Single lever sink mixer with casted swivel spout sy 184 col/gold	Each	5347.00
792	Single lever sink mixer with casted swivel spout sy 184 spl/gold	Each	5940.00
793	Single lever sink mixer with casted swivel spout sy 184 gold	Each	6989.00
794	Single lever bidet mixer with pop up waste system sy 186 cp	Each	3408.00
795	Single lever bidet mixer with pop up waste system sy 186 col/cp	Each	4544.00
796	Single lever bidet mixer with pop up waste system sy 186 col/gold	Each	5346.00
797	Single lever bidet mixer with pop up waste system sy 186 spl/gold	Each	5938.00
798	Single lever bidet mixer with pop up waste system sy 186 gold	Each	6987.00
799	Single lever concealed diverter extended (quotable) sy 187 cp	Each	3548.00
800	Single lever concealed diverter extended (quotable) sy 187 col/cp	Each	4731.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
801	Single lever concealed divertor extended (quotable) sy 187 col/gold	Each	5566.00
802	Single lever concealed divertor extended (quotable) sy 187 spl/gold	Each	6184.00
803	Single lever concealed divertor extended (quotable) sy 187 gold	Each	7276.00
804	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 cp	Each	3148.00
805	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 col/cp	Each	4198.00
806	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 col/gold	Each	4938.00
807	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 spl/gold	Each	5486.00
808	Sur single lever basin mixer with 455 mm copper connection & nuts sy 188 gold	Each	6455.00
809	Towel rail sy 191 cp	Each	575.00
810	Towel rail sy 191 col/cp	Each	766.00
811	Towel rail sy 191 col/gold	Each	902.00
812	Towel rail sy 191 spl/gold	Each	1001.00
813	Towel rail sy 191 gold	Each	1178.00
814	Towel ring sy 192 cp	Each	350.00
815	Towel ring sy 192 col/cp	Each	466.00
816	Towel ring sy 192 col/gold	Each	549.00
817	Towel ring sy 192 spl/gold	Each	610.00
818	Towel ring sy 192 gold	Each	717.00
819	Soap dish sy 193 cp	Each	413.00
820	Soap dish sy 193 col/cp	Each	551.00
821	Soap dish sy 193 col/gold	Each	649.00
822	Soap dish sy 193 spl/gold	Each	721.00
823	Soap dish sy 193 gold	Each	848.00
824	Tooth brush holder sy 194 cp	Each	382.00
825	Tooth brush holder sy 194 col/cp	Each	509.00
826	Tooth brush holder sy 194 col/gold	Each	599.00
827	Tooth brush holder sy 194 spl/gold	Each	666.00
828	Tooth brush holder sy 194 gold	Each	784.00
829	Toilet paper holder sy 194 cp	Each	432.00
830	Toilet paper holder sy 194 col/cp	Each	577.00
831	Toilet paper holder sy 194 col/gold	Each	678.00
832	Toilet paper holder sy 194 spl/gold	Each	753.00
833	Toilet paper holder sy 194 gold	Each	886.00
834	Robe hook sy 195 cp	Each	255.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
835	Robe hook sy 195 col/cp	Each	339.00
836	Robe hook sy 195 col/gold	Each	399.00
837	Robe hook sy 195 spl/gold	Each	444.00
838	Robe hook sy 195 gold	Each	523.00
839	Bath set complete sy 196 cp	Each	2399.00
840	Bath set complete sy 196 col/cp	Each	3199.00
841	Bath set complete sy 196 col/gold	Each	3763.00
842	Bath set complete sy 196 spl/gold	Each	4180.00
843	Bath set complete sy 196 gold	Each	4919.00
844	Towel rack 18 " sy 197 cp	Each	1012.00
845	Towel rack 18 " sy 197 col/cp	Each	1348.00
846	Towel rack 18 " sy 197 col/gold	Each	1587.00
847	Towel rack 18 " sy 197 spl/gold	Each	1762.00
848	Towel rack 18 " sy 197 gold	Each	2074.00
849	Towel rack 24 " sy 197a cp	Each	1207.00
850	Towel rack 24 " sy 197a col/cp	Each	1609.00
851	Towel rack 24 " sy 197a col/gold	Each	1893.00
852	Towel rack 24 " sy 197a spl/gold	Each	2103.00
853	Towel rack 24 " sy 197a gold	Each	2475.00
854	Counted mounted soap dish sy 199 cp	Each	805.00
855	Counted mounted soap dish sy 199 col/cp	Each	1073.00
856	Counted mounted soap dish sy 199 col/gold	Each	1263.00
857	Counted mounted soap dish sy 199 spl/gold	Each	1402.00
858	Counted mounted soap dish sy 199 gold	Each	1650.00
859	Toilet paper with brass cover sy 201 cp	Each	751.00
860	Toilet paper with brass cover sy 201 col/cp	Each	1001.00
861	Toilet paper with brass cover sy 201 col/gold	Each	1178.00
862	Toilet paper with brass cover sy 201 spl/gold	Each	1309.00
863	Toilet paper with brass cover sy 201 gold	Each	1540.00
864	Grab 8 ar 9" sy 200 cp	Each	644.00
865	Grab 8 ar 9" sy 200 col/cp	Each	858.00
866	Grab 8 ar 9" sy 200 col/gold	Each	1010.00
867	Grab 8 ar 9" sy 200 spl/gold	Each	1122.00
868	Grab 8 ar 9" sy 200 gold	Each	1320.00
	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	158.70
870	90 mm dia 3 M single socket pipe	Each	252.30

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
871	110 mm dia 3 M Single socket pipe	Each	301.70
872	75 mm dia 3 M Double socket pipe	Each	179.50
873	90 mm dia 3 M Double socket pipe	Each	286.30
874	110 mm dia 3 M Double socket pipe	Each	349.40
875	75 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	111.20
876	90 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	173.00
877	110 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	213.80
878	75 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	118.70
879	90 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	182.40
880	110 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	222.40
881	75 mm dia 1219. mm (4'-0") Double Socket pipe	Each	82.20
882	90 mm dia 1219. mm (4'-0") Double Socket pipe	Each	125.50
883	110 mm dia 1219. mm (4'-0") Double Socket pipe	Each	151.60
884	75 mm dia 914.4mm (3'-0") Double Socket pipe	Each	69.10
885	90 mm dia 914.4mm (3'-0") Double Socket pipe	Each	102.00
886	110 mm dia 914.4mm (3'-0") Double Socket pipe	Each	130.70
887	75 mm dia 609.6mm (2'-0") Double Socket pipe	Each	41.00
888	90 mm dia 609.6mm (2'-0") Double Socket pipe	Each	70.10
889	110 mm dia 609.6mm (2'-0") Double Socket pipe	Each	87.20
890	160 MM dia 3 M Double socket pipe	Each	717.20
	Prince/ Sudhakar make or equivalent quality PVC /SWR pipes & fittings (as per ISI standards) 6kg/cm2		
891	75 mm dia 3 M Single Socket pipe	Each	269.30
892	90 mm dia 3 M single socket pipe	Each	433.00
893	110 mm dia 3 M Single socket pipe	Each	515.40
894	75 mm dia 3 M Double socket pipe	Each	293.90
895	90 mm dia 3 M Double socket pipe	Each	466.60
896	110 mm dia 3 M Double socket pipe	Each	569.10
897	75 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	176.30
898	90 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	274.70
899	110 mm dia 1828.8 mm (6'-0") Single Socket pipe	Each	326.50
900	75 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	188.10
901	90 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	285.70
902	110 mm dia 1828.8 mm (6'-0") Double Socket pipe	Each	352.90
903	75 mm dia 1219. mm (4'-0") Double Socket pipe	Each	127.60
904	90 mm dia 1219. mm (4'-0") Double Socket pipe	Each	197.70
905	110 mm dia 1219. mm (4'-0") Double Socket pipe	Each	240.60
906	75 mm dia 914.4mm (3'-0") Double Socket pipe	Each	109.80
907	90 mm dia 914.4mm (3'-0") Double Socket pipe	Each	160.80
908	110 mm dia 914.4mm (3'-0") Double Socket pipe	Each	194.90

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
909	75 mm dia 609.6mm (2'-0") Double Socket pipe	Each	70.80
910	90 mm dia 609.6mm (2'-0") Double Socket pipe	Each	110.60
911	110 mm dia 609.6mm (2'-0") Double Socket pipe	Each	140.50
912	160 mm dia 3 M Double socket pipe	Each	1173.00
	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	30.50
914	90 mm dia	Each	44.00
915	110 mm dia	Each	51.30
	Door Bend 87.5 Degrees.		
916	75 mm dia	Each	41.60
917	90 mm dia	Each	58.90
918	110 mm dia	Each	65.80
	45 Degree Bend		
919	75 mm dia	Each	23.70
920	90 mm dia	Each	34.10
921	110 mm dia	Each	43.90
	Cleaning Pipe		
922	75 mm dia	Each	41.50
923	90 mm dia	Each	60.50
924	110 mm dia	Each	73.50
	Single Tee		
925	75 mm dia	Each	36.90
926	90 mm dia	Each	55.20
927	110 mm dia	Each	67.00
	Single Tee (With Door)		
928	75 mm dia	Each	44.30
929	90 mm dia	Each	66.80
930	110 mm dia	Each	80.70
	Doube Tee		
931	75 mm dia	Each	78.00
932	90 mm dia	Each	113.50
933	110 mm dia	Each	160.80
	Doube Tee (With Door)		
934	75 mm dia	Each	123.80
935	90 mm dia	Each	177.30
936	110 mm dia	Each	183.50
	Single ' Y'		
937	75 mm dia	Each	45.70

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
938	90 mm dia	Each	73.70
939	110 mm dia	Each	84.90
	Single ' Y' (With Door)		
940	75 mm dia	Each	58.30
941	90 mm dia	Each	91.50
942	110 mm dia	Each	106.90
	Double ' Y'		
943	75 mm dia	Each	63.70
944	90 mm dia	Each	98.50
945	110 mm dia	Each	111.80
	Double ' Y' (With Door)		
946	75 mm dia	Each	82.10
947	90 mm dia	Each	127.90
948	110 mm dia	Each	143.80
	Coupler		
949	75 mm dia	Each	22.40
950	90 mm dia	Each	31.70
951	110 mm dia	Each	35.60
	Reducer		
952	90 x 75 mm dia	Each	37.20
953	110 x 75 mm dia	Each	35.80
954	90 x 110 mm dia	Each	49.50
	Vent Cowl		
955	63 mm dia	Each	6.10
956	75 mm dia	Each	8.00
957	90 mm dia	Each	10.30
958	110 mm dia	Each	11.30
	Pipe Clip		
959	40 mm dia	Each	7.20
960	50 mm dia	Each	7.90
961	63 mm dia	Each	7.90
962	75 mm dia	Each	9.00
963	90 mm dia	Each	10.00
964	110 mm	Each	11.10
965	160 mm dia	Each	22.20
	P Trap		
966	P' Trap (Small without Airvent) 110 mm	Each	117.70
967	P' Trap (Small with Airvent) 110 mm	Each	129.30
968	P' Trap (Big with Airvent) 110 mm	Each	148.10
969	P' Trap (Big without Airvent) 110 mm	Each	136.20

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
970	Floor Trap (Bell Mouth) 110 mm	Each	140.10
971	Bell Mouth Trap 7 " (177.8 mm)	Each	205.90
972	4" (101.6 mm) Nahani Trap (Without Jali with inlet)	Each	70.40
973	3" (76.2 mm) Nahani Trap (without Jali without inlet)	Each	54.20
974	4" (101.6 mm) Nahani Trap (without inlet with out Jali)	Each	66.60
975	Mini Trap	Each	33.20
976	3" (76.2 mm) nahani Trap with Jali	Each	63.90
977	4" (101.6 mm) multi floor trap with jali	Each	89.70
978	4" (101.6) multi floor trap with out jali	Each	70.10
979	Round Jali	Each	15.00
980	Square tile & jali	Each	23.90
981	Pipe connector (with LIP ring)	Each	93.70
982	Pipe connector (with out LIP ring)	Each	72.80
	Floor Traps		
983	4" (101.6 mm) Floor Trap	Each	85.80
984	5" (127.mm) floor Trap	Each	91.20
	Door cap		0.00
985	75 mm dia	Each	35.40
986	90 mm dia	Each	39.30
987	110 mm dia	Each	45.10
	Socket Plug		
988	75 mm dia	Each	32.90
989	90 mm dia	Each	38.00
990	110 mm dia	Each	39.30
	Rubber Ring for socket		
991	75 mm dia	Each	4.80
992	90 mm dia	Each	6.10
993	110 mm dia	Each	7.20
	Door Socket		
994	75 mm dia	Each	5.70
995	90 mm dia	Each	7.20
996	110 mm dia	Each	7.90
997	LIP ring 110 mm	Each	42.90
	Rubber Lubricant		
998	100 Grams	Each	18.40
999	250 Grams	Each	40.40
1000	500 Grams	Each	73.50
1001	1000 Grams	Each	136.00

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
1002	P' Trap with lip Ring	Each	185.90
	Solvent Cement		
1003	50 ml	Each	9.40
1004	100 ml	Each	16.10
1005	250 ml	Each	37.40
1006	500 ml	Each	71.80
1007	1000 ml	Each	140.10
	Internal Reducer.		
1008	110mm x 90 mm	Each	55.80
1009	160 mm x 110 mm	Each	139.40
	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	693.00
1011	100 mm dia	Each	924.00
1012	150 mm dia	Each	1694.00
	CI (spun) soils Waste & Ventilating pipe (3 M) Double socket		
1013	75 mm dia	Each	770.00
1014	100 mm dia	Each	1039.50
	9 feet (2743.2 mm) pipes		
1015	75 mm dia	Each	624.80
1016	100 mm dia	Each	832.70
	8 feet (2438.4) mm) pipes		
1017	75 mm dia	Each	557.70
1018	100 mm dia	Each	742.50
	6 feet (1828.8 mm) pipes		
1018	75 mm dia	Each	454.30
1019	100 mm dia	Each	592.90
	6 feet (1828.8 mm) pipes Double socket		
1020	75 mm dia	Each	477.40
1021	100 mm dia	Each	592.90
	Cut pipes (pieces) 1 foot (304.8 mm)		
1022	75 mm dia	Each	107.80
1023	100 mm dia	Each	115.50
	Cut pipes (pieces) 1'.6" (457.2 mm)		
1024	75 mm dia	Each	146.30
1025	100 mm dia	Each	169.40
1026	150 mm dia	Each	322.30

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
	Cut pipes (pieces) 2 feet (609.6 mm)		
1027	75 mm dia	Each	200.20
1028	100 mm dia	Each	223.30
1029	150 mm dia	Each	401.50
	Cut pipes (pieces) 3 feet (914.4 mm)		
1030	75 mm dia	Each	254.10
1031	100 mm dia	Each	308.00
	Cut pipes (pieces) 4 feet (1219.2 mm)		
1032	75 mm dia	Each	284.90
1033	100 mm dia	Each	400.40
	Plain Bend		
1034	75 mm dia	Each	91.30
1035	100 mm dia	Each	119.90
1036	150 mm dia	Each	261.80
	Door Bend		
1037	75 mm dia	Each	106.70
1038	100 mm dia	Each	138.60
1039	150 mm dia	Each	289.30
	Plain Bend 45 Degrees.		
1040	75 mm dia	Each	92.40
1041	100 mm dia	Each	107.80
1042	150 mm dia	Each	231.00
	Door Bend 45 Degrees.		
1043	75 mm dia	Each	104.50
1044	100 mm dia	Each	123.20
1045	150 mm dia	Each	243.10
1046	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia	Each	210.10
1047	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia	Each	243.10
	Heel Rest Bend		
1048	75 mm dia	Each	107.80
1049	100 mm dia	Each	138.60
1050	150 mm dia	Each	289.30
	Single Branch Plain "T"		
1051	75 mm dia	Each	136.40
1052	100 mm dia	Each	181.50
1053	150 mm dia	Each	377.30

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
	Single Branch Door "T"		
1054	75 mm dia	Each	154.00
1055	100 mm dia	Each	204.60
1056	150 mm dia	Each	408.10
	Single Branch plain "Y"		
1057	75 mm dia	Each	154.00
1058	100 mm dia	Each	207.90
1059	150 mm dia	Each	466.40
	Single Branch Door "Y"		
1060	75 mm dia	Each	169.40
1061	100 mm dia	Each	231.00
1062	150 mm dia	Each	492.80
	Double Branch Plain "T"		
1063	75 mm dia	Each	181.50
1064	100 mm dia	Each	246.40
	Double Branch Door "T"		
1065	75 mm dia	Each	204.60
1066	100 mm dia	Each	254.10
	Double Branch Plain " Y"		
1067	75 mm dia	Each	204.60
1068	100 mm dia	Each	273.90
	Double Branch Door " Y"		
1069	75 mm dia	Each	215.60
1070	100 mm dia	Each	297.00
	Shoe bend		
1071	75 mm dia	Each	89.10
1072	100 mm dia	Each	107.80
1073	150 mm dia	Each	231.00
	Collar		
1074	75 mm dia	Each	89.10
1075	100 mm dia	Each	107.80
1076	150 mm dia	Each	212.30
	Cowel		
1077	75 mm dia	Each	73.70
1078	100 mm dia	Each	85.80
1079	150 mm dia	Each	192.50
	Offset 3" (76.2 mm) projection		
1080	75 mm dia	Each	104.50
1081	100 mm dia	Each	137.50

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
1082	150 mm dia	Each	278.30
	Offset 6" (152.4mm) projection		
1083	75 mm dia	Each	116.60
1084	100 mm dia	Each	152.90
1085	150 mm dia	Each	315.70
	Long Door Bend		
1086	75 mm dia	Each	261.80
1087	100 mm dia	Each	281.60
	Hand Hole pipe (Inspection pipe)		
1088	75 mm dia	Each	150.70
1089	100 mm dia	Each	204.60
1090	150 mm dia	Each	267.30
	P Traps		
1091	75 mm dia	Each	161.70
1092	100 mm dia	Each	223.30
1093	4" x 3" (101.6 mm x 76.2mm) P. Traps 100 mm dia	Each	231.00
1094	4" x 3" (101.6 mm x 76.2mm) Vent Traps 100 mm dia	Each	231.00
1095	4" x 3" (101.6 mm x 76.2mm) Reducer 75 mm dia	Each	154.00
1096	6" x 4" (152.4 mm x101.6 mm) Reducer 75 mm dia	Each	192.50
1097	3" x 2" (76.2 mm x 50.8 mm) plain T 75 mm dia	Each	158.40
1098	3" x 2" (76.2 mm x 50.8 mm) Door T 75 mm dia	Each	184.80
1099	3" x 2" (76.2 mm x 50.8 mm) Plain Y 75 mm dia	Each	184.80
1100	3" x 2" (76.2 mm x 50.8 mm) Door Y 75 mm dia	Each	184.80
1101	4" x 3" (101.6 mm x 76.2mm) Plain T 75 mm dia	Each	184.80
1102	4" x 3" (101.6 mm x 76.2mm) Door T 75 mm dia	Each	207.90
1103	4" x 3" (101.6 mm x 76.2mm) Plain Y 75 mm dia	Each	207.90
1104	4" x 3" (101.6 mm x 76.2mm) Door Y 75 mm dia	Each	231.00
1105	6" x 4" (152.4 mm x101.6 mm) Plain T 75 mm dia	Each	346.50
1106	6" x 4" (152.4 mm x101.6 mm) Door T 75 mm dia	Each	385.00
1107	6" x 4" (152.4 mm x101.6 mm) Plain Y 75 mm dia	Each	400.40
1108	6" x 4" (152.4 mm x101.6 mm) Door Y 75 mm dia	Each	431.20
	Special Types of Long Fittings		
	Plain " T" 27 " (685.8 mm)		
1109	75 mm dia	Each	454.30
1110	100 mm dia	Each	639.10
	Door "T" 27" (685.8 mm)		
1111	75 mm dia	Each	508.20
1112	100mm dia	Each	700.70

S.No	Description of item	Unit	S S RATE FOR 2005-06
1	2	3	
	Plain " Y" 27" (685.8 mm)		
1113	75 mm dia	Each	508.20
1114	100mm dia	Each	700.70
	Door " Y" 27" (685.8 mm)		
1115	75 mm dia	Each	566.50
1116	100mm dia	Each	770.00

Note : 1) All the items to be used on work are of first quality & ISI and as approved by the Engineer 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	S S RATE FOR 2005-06
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	Per Day	
	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.		
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.		
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.		

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
e.	Cutting rock for works other than pipe lines trenches by hammers, nuckles and chisels including stacking.		
f.	For contol 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	55.60
b.	A.C. Pipes & Specials	Per Tonne	46.40
c.	Stoneware pipes & Specials	Per Tonne	46.60
d.	P.V.C. Pipes and fittings	Per Tonne	45.80
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	69.60
b.	A.C. Pipes & Specials	Per Tonne	63.10
c.	Stoneware pipes & Specials	Per Tonne	63.50
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	68.70
b.	A.C. Pipes & Specials	Per Tonne	63.10
c.	P.V.C. Pipes and fittings	Per Tonne	62.70
	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.		
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	83.40
b.	A.C. Pipes & Specials	Per Tonne	78.20

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
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	12.50
	100	Per Metre	12.50
	125	Per Metre	12.50
	150	Per Metre	12.50
	180	Per Metre	14.40
	200	Per Metre	16.10
	225	Per Metre	17.10
	250	Per Metre	18.20
	300	Per Metre	23.40
	350	Per Metre	42.20
	380	Per Metre	42.70
	400	Per Metre	44.60
	450	Per Metre	52.00
	500	Per Metre	56.10
	530	Per Metre	63.80
	560	Per Metre	69.90
	600	Per Metre	74.60
	650	Per Metre	77.20
	680	Per Metre	82.00
	700	Per Metre	90.80
	750	Per Metre	104.80
	800	Per Metre	121.50
	900	Per Metre	145.70
	1000	Per Metre	176.00
	1100	Per Metre	209.10
	1200	Per Metre	245.30

S.No.	Description	Unit	S S RATE FOR 2005-06
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	15.20
	100	Per Metre	15.20
	125	Per Metre	15.20
	150	Per Metre	15.90
	180	Per Metre	16.30
	200	Per Metre	17.80
	225	Per Metre	19.00
	250	Per Metre	20.30
	300	Per Metre	25.90
	350	Per Metre	46.40
	380	Per Metre	47.80
	400	Per Metre	51.30
	450	Per Metre	57.00
	500	Per Metre	59.60
	530	Per Metre	66.60
	560	Per Metre	71.60
	600	Per Metre	78.00
	650	Per Metre	80.00
	680	Per Metre	86.50
	700	Per Metre	99.70
	750	Per Metre	112.70
	800	Per Metre	138.20
	900	Per Metre	167.00
	1000	Per Metre	197.80
	1100	Per Metre	232.10
	1200	Per Metre	270.50

S.No.	Description	Unit	S S RATE FOR 2005-06
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	40.50
	100	Each Joint	43.40
	125	Each Joint	62.50
	150	Each Joint	65.20
	180	Each Joint	75.70
	200	Each Joint	85.30
	225	Each Joint	96.30
	250	Each Joint	106.30
	300	Each Joint	124.80
	350	Each Joint	136.60
	380	Each Joint	156.60
	400	Each Joint	177.70
	450	Each Joint	197.50
	500	Each Joint	209.60
	530	Each Joint	227.60
	560	Each Joint	245.90
	600	Each Joint	282.20
	650	Each Joint	301.50
	680	Each Joint	306.50
	700	Each Joint	314.30
	750	Each Joint	342.70
	800	Each Joint	366.90
	900	Each Joint	426.40
	1000	Each Joint	483.50
	1100	Each Joint	545.30
	1200	Each Joint	600.20

S.No.	Description	Unit	S S RATE FOR 2005-06
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	37.50
	100	Each Joint	40.20
	125	Each Joint	58.20
	150	Each Joint	60.70
	180	Each Joint	70.10
	200	Each Joint	80.60
	225	Each Joint	91.20
	250	Each Joint	99.00
	300	Each Joint	118.00
	350	Each Joint	127.30
	380	Each Joint	146.00
	400	Each Joint	167.40
	450	Each Joint	186.10
	500	Each Joint	197.40
	530	Each Joint	214.30
	560	Each Joint	231.60
	600	Each Joint	268.50
	650	Each Joint	287.00
	680	Each Joint	291.70
	700	Each Joint	299.10
	750	Each Joint	326.10
	800	Each Joint	349.30
	900	Each Joint	405.80
	1000	Each Joint	460.30
	1100	Each Joint	509.20
	1200	Each Joint	557.40

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
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 No.3114/85.		
	DIAMETER OF PIPE : in mm :		
	80	Each Joint	47.70
	100	Each Joint	50.90
	125	Each Joint	73.40
	150	Each Joint	76.50
	180	Each Joint	89.20
	200	Each Joint	100.90
	225	Each Joint	114.90
	250	Each Joint	124.70
	300	Each Joint	149.30
	350	Each Joint	163.40
	380	Each Joint	186.90
	400	Each Joint	210.30
	450	Each Joint	235.80
	500	Each Joint	247.80
	530	Each Joint	273.20
	560	Each Joint	293.10
	600	Each Joint	345.70
	650	Each Joint	371.50
	680	Each Joint	375.90
	700	Each Joint	386.40
	750	Each Joint	421.40
	800	Each Joint	451.80
	900	Each Joint	524.30
	1000	Each Joint	629.60
	1100	Each Joint	670.40
	1200	Each Joint	739.00

S.No.	Description	Unit	S S RATE FOR 2005-06
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	Per Metre	7.30
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/	Per Metre	4.80
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	12.30
	40	Per Metre	12.30
	32	Per Metre	11.30
	25	Per Metre	11.30
	20	Per Metre	10.20
	15	Per Metre	10.20
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	11.30
	40	Per Metre	11.30
	32	Per Metre	10.40
	25	Per Metre	10.40
	20	Per Metre	9.50
	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 2005-06
1	2	3	4
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.		
	80	Per Metre	7.10
	100	Per Metre	7.10
	125	Per Metre	7.10
	150	Per Metre	7.40
	200	Per Metre	9.00
	250	Per Metre	10.40
	300	Per Metre	12.70
	350	Per Metre	22.30
	400	Per Metre	25.10
	450	Per Metre	27.90
	500	Per Metre	33.20
	600	Per Metre	35.50
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	15.70
	100	Each Joint	21.70
	125	Each Joint	21.70
	150	Each Joint	25.10
	200	Each Joint	25.10
	250	Each Joint	33.40
	300	Each Joint	33.40
	350	Each Joint	37.60
	400	Each Joint	37.60
	450	Each Joint	43.70
	500	Each Joint	43.70
	600	Each Joint	50.20

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
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	18.90
	150	Per Metre	23.80
	200	Per Metre	26.50
	225	Per Metre	27.80
	250	Per Metre	31.70
	300	Per Metre	36.40
	400	Per Metre	40.60
	450	Per Metre	54.50
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	6.70
	75	Per Metre	7.10
	90	Per Metre	7.20
	110	Per Metre	7.70
	125	Per Metre	8.10
	140	Per Metre	8.30
	160	Per Metre	8.50
	180	Per Metre	8.90
	200	Per Metre	9.50
	225	Per Metre	10.00
	250	Per Metre	10.40
	280	Per Metre	10.90
	315	Per Metre	11.50
	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	S S RATE FOR 2005-06
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	19.20
	100	Each	25.30
	125	Each	33.20
	150	Each	39.20
	200	Each	72.70
	250	Each	98.20
	300	Each	148.80
	350	Each	255.90
	400	Each	313.90
	450	Each	411.00
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	52.70
	40	Each	60.40
	50	Each	63.80
	65	Each	68.00
	80	Each	74.70
	100	Each	87.70
	125	Each	135.90
	150	Each	148.60
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	52.40
	40	Each	60.10
	50	Each	63.40
	65	Each	67.70
	80	Each	74.40
	100	Each	87.30
	125	Each	135.30
	150	Each	147.90

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
19	Labour charges for fixing fire hydrants excluding cost of jointing materials.		
	65 mm	Each	59.80
	80 mm	Each	74.50
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	

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
23	Cutting C.I./ DI Pipes without water in mains.Dia of pipes in mm.		
	80	Each cut	28.80
	100	Each cut	28.80
	125	Each cut	28.80
	150	Each cut	28.80
	180	Each cut	32.90
	200	Each cut	32.90
	225	Each cut	32.90
	250	Each cut	47.30
	300	Each cut	47.30
	350	Each cut	65.90
	380	Each cut	72.30
	400	Each cut	75.40
	450	Each cut	93.70
	500	Each cut	112.70
	530	Each cut	122.50
	560	Each cut	132.30
	600	Each cut	150.00
	680	Each cut	169.20
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

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
25	Drilling and tapping CI/ DI Main and fixing brass screw down ferrule and plug.		
	10 mm to 20mm	Each Tapping	57.40
	25 mm to 40mm	Each Tapping	68.50
26	Cutting road surface including stacking of excavated materials for pipe line trench work.		
	a) Cutting open B.T. road surface (as well as asphalt concrete upto 75 mm thick) including water bound macadam	10 Sqm	186.80
	b) Cutting open C.C. road surface	1 Cum	354.80
	c) Cutting open water bound macadam road including soiling	1 Cum	60.80
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	13.00
	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	10.20
	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	543.80
	b) Double staging from (2.5 m to 4.5 Mts.)	10 Sqm of Shoring area	735.30

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
29	Barricading, hoarding, lighting and watching etc., for water supply and sewerage works for trenches.	10 RM	29.40
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	9058.60
	d) Beyond 5 m deep under water for every additional 1 m depth over item 'c'	10 Cum	1714.20
	NOTE:- The above rates do not include rock requiring blasting or chiselling		
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	218.10
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	225.10
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	826.20
	2) Slabs for thickness above (300 mm)		1651.70
	3) Side walls curved surfaces.		624.50
	4) Side wall straight surfaces.		555.50
	5) Dome.		676.50
	6) Roof Slab.		416.60
	7) Column footing.		455.40

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
	8) Column braces and beams		278.60
	9) Circular braces, ring beams & circular column.		305.20
	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 SSR
	2) Beams & Lintels	1 Sqm	
	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	302.30
	5) RCC vertical walls of circular faces upto 3 m height.	1 Sqm	385.70
	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	53.90
	b) Delifting the materials such as stones, concrete etc., for concrete below ground level for 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	16.40
35	Labour charges for fixing ventilating shafts complete with all accessories.	Each	222.20
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	

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
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.
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	554.10
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	10098.10
	From 4 to 6 m below GL/m	Per metre	11414.80
	From 6 to 8 m below GL/m	Per metre	12871.10
	From 8 to 10 m below GL/m	Per metre	14227.90
	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.		

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
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
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 m height of staging above 15 m or 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 tonn 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 inclusion 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 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		

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
	8) The above rates are arrived considering a wind pressure as per BIS No.875/88		
	9) For tribal/Agency / Rural area, the above rates shall be increased by 5%		
	10) 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 top of reservoir.		
	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	11.23
b	40,001 to 60,000 Litres capacity	Per litre	8.53
c	60,001 to 1,00,000 Litres capacity	Per litre	7.88
d	1,00,001 to 2,00,000 Litres capacity	Per litre	6.91
e	2,00,001 to 3,00,000 Litres capacity	Per litre	6.48
f	3,00,001 to 4,00,000 Litres capacity	Per litre	5.72
g	4,00,001 to 4,50,000 Litres capacity	Per litre	4.97
	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 height of staging above 15 m or 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 0.7%		

S.No.	Description	Unit	S S RATE FOR 2005-06
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 2 coats 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 are arrived considering a wind pressure as per BIS No.875/88		
	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) Lightening 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.		
	i) Water level indicator of good quality with ebonite/ copper float approved pattern- 1 No.		

S.No.	Description	Unit	S S RATE FOR 2005-06
1	2	3	4
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) Above 20 mld the litre rate shall be arrived by reducing the litre rate of 20 mld @ Rs.0.01 P per each additional mld. For intermediate capacities, proportional rates shall be adopted.		
	b) The above rates are applicable with cement @ rate of Rs.2,700/-MT and steel of 28,000/MT.		
	c) For every Rs.100/MT increase/decrease the price of cement increase/reduce the rate by 0.7%.		
	d) For every Rs.1000/MT increase/decrease in price of steel increase/reduce the rate by 2%.		
	e) For rural areas an extra allowance of 5% shall be given on basic rate.		
	NOTE:- The prices of cement and steel will be reviewed and fixed quarterly and rates 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 Rates for 2005-06		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	60.77		
	100 mm dia	Meter	70.56		
	150 mm dia	Meter	83.20		
	200 mm dia	Meter	98.37		
	225 mm dia	Meter	107.68		
	250 mm dia	Meter	114.75		
	300 mm dia	Meter	165.02		
	350 mm dia	Meter	205.31	464.18	473.67
	400 mm dia	Meter	236.97	513.68	524.66
	450 mm dia	Meter	290.40	587.66	593.37
	500 mm dia	Meter	318.98	673.40	732.86
	600 mm dia	Meter	471.46	959.23	1136.44
	700 mm dia	Meter	604.30	1191.32	1521.73
	800 mm dia	Meter	742.62	1574.32	1988.20
	900 mm dia	Meter	933.94	1976.77	2475.24
	1000 mm dia	Meter	1134.91	2455.12	3381.20
	1100 mm dia	Meter	1349.09	2894.84	3919.23
	1200 mm dia	Meter	1606.70	3409.32	4581.20
	1400 mm dia	Meter	2185.99	4406.28	6338.46
	1600 mm dia	Meter	2356.34	5716.50	7630.38
	1800 mm dia	Meter	3322.43	7575.51	10229.11

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

The rates of RCC 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.

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 2005-06		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Each	16.58		
	100 mm dia	Each	17.95		
	150 mm dia	Each	18.65		
	200 mm dia	Each	24.71		
	225 mm dia	Each	27.10		
	250 mm dia	Each	29.36		
	300 mm dia	Each	38.67		
	350 mm dia	Each	47.64	67.45	67.45
	400 mm dia	Each	51.54	76.72	76.72
	450 mm dia	Each	81.75	101.98	101.98
	500 mm dia	Each	93.75	121.19	121.19
	600 mm dia	Each	124.62	160.06	160.06
	700 mm dia	Each	162.92	214.94	214.94
	800 mm dia	Each	228.66	272.11	272.11
	900 mm dia	Each	274.39	317.84	317.84
	1000 mm dia	Each	320.12	397.87	397.87
	1100 mm dia	Each	392.15	503.05	503.05
	1200 mm dia	Each	476.76	629.96	629.96
	1400 mm dia	Each	615.10	798.02	798.02
	1600 mm dia	Each	784.30	1023.25	1023.25
	1800 mm dia	Each	815.17	1318.22	1318.22
<p>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%.</p>					
<p>Note: The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.</p>					

**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 2005-06		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia	Meter	80.43		
	100 mm dia	Meter	88.74		
	150 mm dia	Meter	107.46		
	200 mm dia	Meter	131.03		
	225 mm dia	Meter	142.82		
	250 mm dia	Meter	152.54		
	300 mm dia	Meter	214.00		
	350 mm dia	Meter	274.43	656.42	668.50
	400 mm dia	Meter	303.68	727.78	740.95
	450 mm dia	Meter	377.61	803.52	810.10
	500 mm dia	Meter	434.69	918.77	997.81
	600 mm dia	Meter	612.52	1287.60	1326.02
	700 mm dia	Meter	793.64	1643.26	1919.88
	800 mm dia	Meter	1017.57	2173.45	2509.34
	900 mm dia	Meter	1284.31	2731.08	3151.50
	1000 mm dia	Meter	1557.64	3093.32	3951.72
	1100 mm dia	Meter	1830.96	3648.75	4564.24
	1200 mm dia	Meter	2077.95	4304.08	5341.41
	1400 mm dia	Meter	2950.62	5700.36	7570.84
	1600 mm dia	Meter	3649.85	7396.30	9125.18
	1800 mm dia	Meter	4110.89	9800.27	12237.16
<p>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%.</p>					
Note:	The duties and taxes as applicable may be added as per rules at the time of preparation of estimate.				

**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 2005-06		
			P1 - Class	P2 - Class	P3 - Class
	80 mm dia	Meter	100.06	112.74	128.39
	100 mm dia	Meter	113.46	134.70	156.54
	150 mm dia	Meter	155.87	201.77	247.70
	200 mm dia	Meter	181.35	259.87	343.19
	225 mm dia	Meter	204.27	295.23	382.91
	250 mm dia	Meter	223.56	317.15	403.37
	300 mm dia	Meter	302.08	456.58	569.66
	350 mm dia	Meter	375.84	633.26	821.46
	400 mm dia	Meter	445.65	746.78	1082.81
	450 mm dia	Meter	479.82	992.87	1336.71
	500 mm dia	Meter	634.33	1083.05	1523.41
	600 mm dia	Meter	868.76	1613.71	2120.35
	700 mm dia	Meter	1154.90	2130.52	2701.10
	800 mm dia	Meter	1446.78	2544.13	3274.73
	900 mm dia	Meter	1747.86	3002.10	
	1000 mm dia	Meter	2199.47	3440.68	
	1100 mm dia	Meter	2637.30		
	1200 mm dia	Meter	3099.26		
<p>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%.</p>					
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 2005-06		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	80 mm dia		10.00		
	100 mm dia		12.00		
	150 mm dia		21.00		
	200 mm dia		25.00		
	225 mm dia		27.00		
	250 mm dia		31.00		
	300 mm dia		38.00		
	350 mm dia		44.00	58.00	58.00
	400 mm dia		48.00	66.00	66.00
	450 mm dia		55.00	75.00	75.00
	500 mm dia		72.00	86.00	86.00
	600 mm dia		94.00	125.00	125.00
	700 mm dia		129.00	150.00	150.00
	800 mm dia		163.00	182.00	182.00
	900 mm dia		204.00	246.00	246.00
	1000 mm dia		239.00	297.00	297.00
	1100 mm dia		288.00	380.00	380.00
	1200 mm dia		460.00	478.00	478.00
	1400 mm dia		506.00	526.00	526.00
	1600 mm dia		630.00	642.00	642.00
	1800 mm dia		785.00	820.00	820.00
	Size		P1 - Class	P2 - Class	P3 – Class
	80 mm dia	Each	10.00	10.00	10.00
	100 mm dia	Each	12.00	13.00	13.00
	150 mm dia	Each	21.00	21.00	21.00
	200 mm dia	Each	25.00	25.00	25.00
	225 mm dia	Each	27.00	28.00	29.00
	250 mm dia	Each	31.00	32.00	33.00
	300 mm dia	Each	38.00	40.00	42.00
	350 mm dia	Each	44.00	51.00	55.00
	400 mm dia	Each	48.00	66.00	68.00
	450 mm dia	Each	55.00	76.00	78.00
	500 mm dia	Each	72.00	86.00	90.00
	600 mm dia	Each	94.00	108.00	107.00
	700 mm dia	Each	129.00	142.00	150.00

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 2005-06		
			NP - 2 Class	NP - 3 Class	NP - 4 Class
	800 mm dia	Each	163.00	180.00	18.00
	900 mm dia	Each	204.00	228.00	
	1000 mm dia	Each	239.00	275.00	
	1100 mm dia	Each	288.00		
	1200 mm dia	Each	460.00		
Note:	The duties and taxes as applicable may be added as per rules at the time of preparation of estimate				

S.S. RATES FOR CONVEYANCE OF R.C.C. PLAIN ENDED PIPES

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 Class & NP - 4 Class	
	80 mm dia	1.30	0.06		
	100 mm dia	1.60	0.08		
	150 mm dia	2.25	0.13		
	200 mm dia	3.00	0.16		
	225 mm dia	3.50	0.20		
	250 mm dia	4.00	0.24		
	300 mm dia	6.00	0.30		
	350 mm dia	7.80	0.38	17.00	0.45
	400 mm dia	9.00	0.50	20.00	0.65
	450 mm dia	11.50	0.65	22.00	0.75
	500 mm dia	12.50	0.75	24.00	0.75
	600 mm dia	18.00	1.10	36.00	1.60
	700 mm dia	23.00	1.60	40.00	1.88
	800 mm dia	27.00	1.60	48.00	1.88
	900 mm dia	31.00	1.60	63.00	3.50
	1000 mm dia	46.00	3.25	76.00	3.50
	1100 mm dia	50.50	3.25	82.00	3.75
	1200 mm dia	57.00	3.45	92.00	3.75
	1400 mm dia	69.00	3.45	125.00	3.96
	1600 mm dia	80.00	3.50	150.00	3.96
	1800 mm dia	92.00	3.50	200.00	5.54

S.S. RATES FOR CONVEYANCE OF R.C.C. S/S PIPES

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	1.65	0.10		
	100 mm dia	1.90	0.11		
	150 mm dia	2.65	0.15		
	200 mm dia	3.40	0.25		
	225 mm dia	4.10	0.30		
	250 mm dia	4.60	0.36		
	300 mm dia	6.80	0.40		
	350 mm dia	8.50	0.50	20.00	0.70
	400 mm dia	10.30	0.65	25.00	1.22
	450 mm dia	11.80	0.70	27.50	1.25
	500 mm dia	13.25	0.75	30.00	1.30
	600 mm dia	17.50	1.21	41.00	1.85
	700 mm dia	21.25	1.30	55.00	3.68
	800 mm dia	29.50	2.00	65.00	3.70
	900 mm dia	44.00	3.65	75.00	3.70
	1000 mm dia	50.00	3.65	79.00	3.70
	1100 mm dia	56.50	3.65	85.00	3.70
	1200 mm dia	63.00	3.70	95.00	3.75
	1400 mm dia	78.00	3.70	127.00	3.75
	1600 mm dia	93.00	3.75	150.00	4.00
	1800 mm dia	115.00	3.75	200.00	5.50
		P2 - Class		P3 – Class	
	80 mm dia	1.65	0.10	1.65	0.10
	100 mm dia	1.90	0.11	1.90	0.11
	150 mm dia	2.65	0.15	2.65	0.15
	200 mm dia	3.69	0.30	5.00	0.33
	225 mm dia	5.00	0.37	5.60	0.38
	250 mm dia	5.25	0.39	6.60	0.50
	300 mm dia	10.00	0.52	11.50	0.60
	350 mm dia	12.60	0.70	16.00	0.75
	400 mm dia	15.00	0.75	21.50	1.22
	450 mm dia	19.00	1.17	26.50	1.25

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)				
	500 mm dia	21.50	1.20	32.50	1.75
	600 mm dia	28.50	1.27	46.50	2.32
	700 mm dia	42.00	2.45	68.50	3.70
	800 mm dia	56.00	3.50	87.00	3.70
	900 mm dia	66.00	3.70		
	1000 mm dia	84.00	3.75		

S.S.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 ARE EXCLUSIVE OF TRANSPORTATION, UNLOADING, STACKING AT DEPARTMENTAL STORES, EXCISE DUTY, VAT OCTROI AND OTHER GOVT. LEVIES.						
	Size	Unit	S S Rates for 2005-06				
			Class -5	Class - 10	Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Meter	77.27	77.27	77.74	84.08	105.51
	100 mm dia	Rate/Meter	97.34	97.34	102.09	129.17	160.06
	125 mm dia	Rate/Meter	122.30	122.30	133.85	166.61	209.98
	150 mm dia	Rate/Meter	151.63	151.63	189.45	235.87	295.15
	200 mm dia	Rate/Meter	211.85	238.37	315.74	400.61	508.56
	250 mmdia	Rate/Meter	261.77	310.75	399.36	513.86	644.59
	300 mm dia	Rate/Meter	337.27	401.86	560.66	725.09	924.14
	350 mm dia	Rate/Meter	494.21	494.21	684.84	889.51	1117.58
	400 mm dia	Rate/Meter	613.08	613.08	891.38	1161.26	1440.19
	450 mm dia	Rate/Meter	739.13	739.13	1048.63	1388.71	1740.34
	500 mm dia	Rate/Meter	913.54	913.54	1301.04	1701.34	2137.51
	600 mm dia	Rate/Meter	1279.20	1279.20	1847.35	2407.70	3068.83
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 WITHOUT 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 2005-06				
			Class - 5	Class - 10	Class - 15	Class - 20	Class - 25
	80 mm dia	Rate/Each	40.25	40.25	40.25	42.12	48.67
	100 mm dia	Rate/Each	50.54	50.54	52.42	54.29	65.52
	125 mm dia	Rate/Each	61.78	61.78	65.52	71.14	86.11
	150 mm dia	Rate/Each	71.14	71.14	74.88	93.60	116.06
	200 mm dia	Rate/Each	89.86	102.96	138.53	147.89	189.07
	250 mmdia	Rate/Each	101.09	132.91	160.99	202.18	258.34
	300 mm dia	Rate/Each	117.94	164.74	209.66	271.44	348.19
	350 mm dia	Rate/Each	220.90	220.90	273.31	353.81	453.02
	400 mm dia	Rate/Each	301.39	301.39	421.20	550.37	709.49
	450 mm dia	Rate/Each	357.55	357.55	505.44	666.43	859.25
	500 mm dia	Rate/Each	426.82	426.82	602.78	806.83	1033.34
	600 mm dia	Rate/Each	570.96	570.96	692.64	904.18	1156.90

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 EMBOSSSED 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 2005-06				
			Class - 5	Class - 10	Class - 15	Class - 20	Class - 25
	80 mm dia	Each Set	25.27	25.27	25.27	25.27	25.272
	100 mm dia	Each Set	30.99	30.99	30.99	30.99	30.992
	125 mm dia	Each Set	40.56	40.56	40.56	40.56	40.56
	150 mm dia	Each Set	51.79	51.79	51.79	51.79	51.792
	200 mm dia	Each Set	53.04	53.04	53.04	53.04	53.04
	250 mmdia	Each Set	61.88	61.88	61.88	61.88	61.88
	300 mm dia	Each Set	62.09	62.09	62.09	62.09	62.088
	350 mm dia	Each Set	69.89	69.89	69.89	69.89	69.888
	400 mm dia	Each Set	85.38	85.38	85.38	85.38	85.384
	450 mm dia	Each Set	100.88	100.88	100.88	100.88	100.88
	500 mm dia	Each Set	116.48	116.48	116.48	116.48	116.48
	600 mm dia	Each Set	131.98	131.98	131.98	131.98	131.976

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 2005-06					
			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
	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:	<p>The rate of PSC pipes whichever to be incorporated in the SSR ion based on the HT wire cost. HT Wire cost Rs.25787/MT.</p> <p>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.</p> <p>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.</p>							
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 2005-06									
			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	2,441.00	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	1,284.00	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

Code No.	Description											
1	2											
	Cost of laying jointing, testing to hydrostatic field test pressure including cost of site welding and fixing of polypropylene diapher cloth, cost of tranfortation of water and emptying pipeline after completion of field testing											
	Size	Unit	S S Rates for 2005-06									
			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
	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

Code No.	Description											
1	2											
	Conveyance of Bar Wrapped steel Cylindrical (BWSC) pipes and accessories including loading at Factory, un-loading 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 2005-06
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 MOTOR 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 MORTOR 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 MOTOR 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 rate for 2005-06
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 MOTOR 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 rate for 2005-06
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+B16		
	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 concertric 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 rate for 2005-06
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.

S S RATES FOR D.I. DOUBLE SOCKET BENDS

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 MOTOR 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	Unit	S S Rates for 2005-06
1	2	3	4
	<p>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 at ex-factory excluding transportation, taxes & duties.</p>		<p>Note: The prevailing rates for Centrifugally Cast (Spun) Iron Pressure Pipes as per DGS & D Rate Contract shall be adopted.</p>

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 2005-06				
			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 2005-06				
			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.

S S RATES FOR H.D.P.E PIPES FOR THE YEAR 2005-06 (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	5	6	7
	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	-	-	-	-	8.25
	OD 25 mm	-	-	-	-	12.30
	OD 32 mm	-	-	14.20	16.90	20.10
	OD 40 mm	-	17.55	19.81	25.90	31.35
	OD 50 mm	-	25.10	32.20	40.00	48.60
	OD 63 mm	21.20	34.39	47.83	60.73	73.09
	OD 75 mm	36.20	47.00	67.90	85.93	103.20
	OD 90 mm	46.28	68.00	96.47	122.95	147.56
	OD 110 mm	65.55	101.68	144.66	183.89	218.70
	OD 125 mm	81.00	130.49	185.20	236.52	283.55
	OD 140 mm	107.43	161.56	232.00	295.76	355.65
	OD 160 mm	138.96	211.67	302.61	385.50	463.56
	OD 180 mm	172.79	266.83	380.94	488.69	585.75
	OD 200 mm	212.22	326.45	471.92	602.35	722.22
	OD 225 mm	279.90	432.15	620.15	792.50	953.10
	OD 250 mm	345.30	534.60	762.95	980.10	1176.35
	OD 280 mm	433.90	665.80	957.05	1226.60	1473.90
	OD 315 mm	544.70	846.90	1214.20	1552.70	1864.65

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:

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

$P2 = P1 - (A1 - A2) / 1000 \times M \times 0.9$ (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 2005-06
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	594.00
b)	H.D. -20 with 500mm dia clear opening	Each	765.00
	H.D. -20 with 560mm dia clear opening	Each	821.00
	H.D. -35 with 560mm dia clear opening.	Each	880.00
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	65.00

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

S S RATES FOR C.I. D/F VALVES

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	1225	
	65	1332	1482	
	80	1612	1690	
	100	2152	2250	
	125	2665	2790	
	150	3364	3500	
	200	6076	6600	
	250	8965	9700	
	300	10829	11500	
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	26475.00	34,032.00	7500.00
	400	32700.00	42,045.00	7500.00
	450	47040.00	60940.00	7500.00
	500	59160.00	74,907.00	7500.00
	600	79095.00	100,125.00	7500.00
	700	139215.00	N.A.	9000.00
	750	235690.00	N.A.	9000.00
	800	272250.00	N.A.	9000.00
	900	328175.00	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.			
	Rate/Each	PN-1.0	PN-1.6	
	DIA IN MM	Rs.	Rs.	
	50	1,260.00	1,260.00	
	65	1,575.00	1,575.00	
	80	1,890.00	1,890.00	
	100	2,520.00	2,520.00	
	125	3,150.00	3,150.00	
	150	3,780.00	4,725.00	
	200	7,540.00	9,425.00	
	250	10,935.00	13,670.00	
	300	16,452.00	20,565.00	
	350	22,635.00	28,300.00	P.N 0.6
	400	28,923.00	36,150.00	
	450	48,717.00	60,900.00	
	500	58,765.00	73,460.00	
	600	93,885.00	117,360.00	

Code No.	Description			
1	2	3	4	5
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.			
	DIA IN MM	Rate/Each	Rs.	
	40		1,680.00	
	50		2,030.00	
	80		2,716.00	
	100		3,640.00	
	150		8,200.00	
	200		13,580.00	
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.			
	DIA IN MM	Rate/Each		
	40		1,043.00	
	50		1,440.00	
	80		1,995.00	
	100		2,475.00	
	150		6,450.00	
	200		11,250.00	
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.			
	DIA IN MM	Rate/Each in Rs.		
		PIN 1.0	PIN 1.6	
	40	4,782.00	5,500.00	
	50	5,580.00	6,417.00	
	80	7,350.00	8,450.00	
	100	10,125.00	11,650.00	
	150	19,950.00	22,950.00	

Code No.	Description			
1	2	3	4	5
	200	29,750.00	34,215.00	
6	Manufacture, Supply and delivery of CI D/F Kinetic Air Valve as per G&K H42K with isolating valve bevel gear operated as per IS 14845 excluding transportation, Central Excise duty and sales tax etc., complete.			
	DIA IN MM	Rate/Each in Rs.		
		PIN 1.0	PIN 1.6	
	40	3,825.00	4,782.00	
	50	4,463.00	5,580.00	
	80	5,880.00	7,350.00	
	100	8,100.00	10,125.00	
	150	15,960.00	19,950.00	
	200	23,800.00	29,750.00	
	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.

S S RATES FOR WATER HAMMER CONTROL DEVICES

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 zero volocity 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 volocity valve/ PSLV with MS Fabricated Body with Plain ends. as per AWWA, Ex-factory excluding trans-portion, 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.

S S RATES FOR DI D/F VALVES

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

Code No.	Description	TEST PRESSURE			
		PN 10	PN 16	PN 25	PN 40 Max. ^ P 32 bar
1	2	3	4	5	6
	600	214600	227500	282000	364500
	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 2005-06
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. F.O.R. DESTINATION DEPARTMENTAL STORES INCLUDING COST OF MATERIAL, LOADING, INCIDENTAL HANDLING WITH COMPANYS STANDARD PACKING, TRANSPORTATION, UNLOADING & STACKING BUT EXCLUDING CENTRAL EXCISE DUTY, SALES TAX, OCTROI AND OTHER GOVT. LEVIES ETC., COMPLETE.		
	80mm dia	Each	27.80
	100mm dia	Each	40.00
	150mm dia	Each	63.85
	200mm dia	Each	78.30
	250mm dia	Each	87.55
	300mm dia	Each	133.90
	350mm dia	Each	168.90
	400mm dia	Each	184.35
	450mm dia	Each	198.80
	500mm dia	Each	299.75
	600mm dia	Each	354.25
	700mm dia	Each	470.90
	750mm dia	Each	523.20
	800mm dia	Each	626.75
	900mm dia	Each	757.55
	1000mm dia	Each	828.40

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

S S RATES FOR PVC PIPES

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 PVCs 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 2005-06
1	2	3	4
1	Supply and delivery of pig lead 99.99 % pure including cost and conveyance etc., complete.	Per Kg	48.70
2	Supply and delivery of spun yarn of best quality including cost and conveyance etc., complete.	Per Kg	37.50
3	Supply and delivery of rubber packing including cost and conveyance etc., complete.		
	a) 3 mm thick	Per Kg	32.00
	b) 6 mm thick	Per Kg	35.50
4	Supply and delivery of bolts and nuts with double washers including cost and conveyance etc., complete. (1/2" to 1")	Per Kg	34.50

S S RATES FOR CI PIPES AND SPECIALS

Sl. No.	Description	Quality or sort	Rate/ Kg including packing, forwarding, transit risk and delivery any where in A.P. for the year 2005-06 Rs.
1	2	3	4
	MANUFACTURE, SUPPLY AND DELIVERY OF CAST IRON PIPES AND FITTINGS (Spl.s.) 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.		
	Inrespect of Pig Iron: The increase/decrease in cost of CI Specials per Kg is 3.43%.		
	Inrespect 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 2005-06
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	28.30
	150	Each	52.40
	200	Each	99.20
	250	Each	200.30
	Junctions (T's & Y's) (Dia in mm)		
	Length of barrel is 60 cm		
	100 x 100	Each	52.40
	150 x 100	Each	77.90
	150 x 150	Each	85.00
	200 x 100	Each	120.40
	200 x 150	Each	141.70
	200 x 200	Each	162.90
	250 x 100	Each	191.30
	250 x 150	Each	252.10
	250 x 200	Each	312.90
	250 x 250	Each	373.70
	Plugs (Diameter in mm)		
	100	Each	10.40
	150	Each	19.80
	200	Each	38.00
	250	Each	66.10
	S.W. Gully Traps (Round and Suare)		
	150 mm x 100 mm	Each	80.70

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

S S RATES FOR FUSION BONDED EPOXY COATING

Sl. No.	Description	Unit	S S Rate for 2005-06
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 straightening 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.

S S RATES FOR C.I. BUTTERFLY VALVES (WAFER LUG)

Code No.	Description	TEST PRESSURES		
1	2	3	4	5
	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

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

S.No.	LEAD	PER	SS rate for 2005-06
1	2	3	4
1	UP TO 250 METRES	cum	37.00
2	250 To 500 METRES	cum	54.60
3	1 Km.	cum	71.60
4	2 Km.	cum	75.00
5	3 Km.	cum	79.40
6	4 Km.	cum	82.90
7	5 Km.	cum	86.40
8	6 Km.	cum	89.70
9	7 Km.	cum	94.20
10	8 Km.	cum	97.70
11	9 Km.	cum	102.10
12	10 Km.	cum	105.70
13	11 Km.	cum	111.00
14	12 Km.	cum	113.50
15	13 Km.	cum	117.00
16	14 Km.	cum	121.20
17	15 Km.	cum	124.90
18	16 Km.	cum	127.30
19	17 Km.	cum	132.70
20	18 Km.	cum	136.40
21	19 Km.	cum	139.70
22	20 Km.	cum	144.10
23	Beyond 20 and up to 30 Km (Rate/Km)	cum	3.10
24	Beyond 30 and up to 50 Km (Rate/Km)	cum	3.00
25	Beyond 50 and up to 80 Km (Rate/Km)	cum	2.90
26	Beyond 80 and up to 100 Km (Rate/Km)	cum	2.80
27	Beyond 100 Km (Rate / Km)	cum	2.60
28	L O A D I N G	cum	7.20
29	U N L O A D I N G	cum	5.90
30	S T A C K I N G	cum	3.80

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

S.No.	LEAD	UNIT	SS Rate for 2005-06
1	2	3	4
1	UP TO 500 mts.	cum	83.30
2	1 Km.	cum	86.70
3	2 Km.	cum	88.90
4	3 Km.	cum	93.40
5	4 Km.	cum	97.10
6	5 Km.	cum	100.50
7	6 Km.	cum	106.20
8	7 Km.	cum	108.70
9	8 Km.	cum	110.80
10	9 Km.	cum	116.60
11	10 Km.	cum	119.10
12	11 Km.	cum	123.20
13	12 Km.	cum	128.10
14	13 Km.	cum	131.60
15	14 Km.	cum	136.20
16	15 Km.	cum	138.50
17	16 Km.	cum	142.00
18	17 Km.	cum	146.60
19	18 Km.	cum	150.20
20	19 Km.	cum	152.40
21	20 Km.	cum	158.10
22	Beyond 20 and up to 30 Km (Rate/Km)	cum	4.00
23	Beyond 30 and up to 50 Km (Rate/Km)	cum	3.60
24	Beyond 50 and up to 80 Km (Rate/Km)	cum	3.30
25	Beyond 80 and up to 100 Km (Rate/Km)	cum	3.20
26	Beyond 100 Km (Rate / Km)	cum	2.90
27	LOADING	cum	9.20
28	UNLOADING	cum	6.30
29	STACKING	cum	6.30

**S S 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 2005-06
1	2	3	4
1	0 To 250 mts.	cum	79.90
2	251 To 500 mts.	cum	80.50
3	1 Km.	cum	83.20
4	2 Km.	cum	85.20
5	3 Km.	cum	89.50
6	4 Km.	cum	93.30
7	5 Km.	cum	97.00
8	6 Km.	cum	99.90
9	7 Km.	cum	103.70
10	8 Km.	cum	107.40
11	9 Km.	cum	110.80
12	10 Km.	cum	112.90
13	11 Km.	cum	117.70
14	12 Km.	cum	120.30
15	13 Km.	cum	125.20
16	14 Km.	cum	128.10
17	15 Km.	cum	131.20
18	16 Km.	cum	134.40
19	17 Km.	cum	137.70
20	18 Km.	cum	141.70
21	19 Km.	cum	145.60
22	20 Km.	cum	148.10
23	Beyond 20 and up to 30 Km (Rate/Km)	cum	3.70
24	Beyond 30 and up to 50 Km (Rate/Km)	cum	3.50
25	Beyond 50 and up to 80 Km (Rate/Km)	cum	2.90
26	Beyond 80 and up to 100 Km (Rate/Km)	cum	2.80
27	Beyond 100 Km (Rate / Km)	cum	2.50
28	LOADING	cum	7.30
29	UNLOADING	cum	5.80
30	STACKING	cum	4.00

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

S.No.	LEAD	UNIT	SS Rate for 2005-06
1	2	3	4
1	0 To 250 mts.	Tonne	68.30
2	250 To 500 mts.	Tonne	68.70
3	1 Km.	Tonne	71.80
4	2 Km.	Tonne	75.40
5	3 Km.	Tonne	77.40
6	4 Km.	Tonne	80.90
7	5 Km.	Tonne	84.20
8	6 Km.	Tonne	87.00
9	7 Km.	Tonne	90.30
10	8 Km.	Tonne	93.10
11	9 Km.	Tonne	95.80
12	10 Km.	Tonne	99.00
13	11 Km.	Tonne	101.70
14	12 Km.	Tonne	104.50
15	13 Km.	Tonne	108.00
16	14 Km.	Tonne	110.10
17	15 Km.	Tonne	113.10
18	16 Km.	Tonne	116.50
19	17 Km.	Tonne	119.10
20	18 Km.	Tonne	122.70
21	19 Km.	Tonne	125.10
22	20 Km.	Tonne	127.70
23	Beyond 20 and up to 30 Km (Rate/Km)	Tonne	2.80
24	Beyond 30 and up to 50 Km (Rate/Km)	Tonne	2.80
25	Beyond 50 and up to 80 Km (Rate/Km)	Tonne	2.60
26	Beyond 80 and up to 100 Km (Rate/Km)	Tonne	2.20
27	Beyond 100 Km (Rate / Km)	Tonne	2.20
28	L O A D I N G	Tonne	12.30
29	U N L O A D I N G	Tonne	7.90
30	S T A C K I N G	Tonne	5.00

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

S.No.	LEAD	UNIT	SS Rate for 2005-06
1	2	3	4
1	0 To 500 mts.	Tonne	93.90
2	1 Km.	Tonne	95.30
3	2 Km.	Tonne	99.10
4	3 Km.	Tonne	103.30
5	4 Km.	Tonne	107.10
6	5 Km.	Tonne	110.80
7	6 Km.	Tonne	115.20
8	7 Km.	Tonne	118.30
9	8 Km.	Tonne	122.50
10	9 Km.	Tonne	125.90
11	10 Km.	Tonne	130.30
12	11 Km.	Tonne	134.30
13	12 Km.	Tonne	137.70
14	13 Km.	Tonne	141.80
15	14 Km.	Tonne	145.10
16	15 Km.	Tonne	149.40
17	16 Km.	Tonne	152.60
18	17 Km.	Tonne	156.30
19	18 Km.	Tonne	160.20
20	19 Km.	Tonne	163.80
21	20 Km.	Tonne	168.70
22	Beyond 20 and up to 30 Km (Rate/Km)	Tonne	3.50
23	Beyond 30 and up to 50 Km (Rate/Km)	Tonne	2.90
24	Beyond 50 and up to 80 Km (Rate/Km)	Tonne	2.90
25	Beyond 80 and up to 100 Km (Rate/Km)	Tonne	2.50
26	Beyond 100 Km (Rate / Km)	Tonne	2.30
27	L O A D I N G	Tonne	16.00
28	U N L O A D I N G	Tonne	12.40
29	S T A C K I N G	Tonne	7.20

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

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															
2005-06	2.70	2.80	2.90	2.90	3.10	3.20	3.30	3.40	3.50	3.70	3.90	3.90	4.70	6.40	

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 2005-06			
		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	152.00	42.30	56.10	56.10
2	1 km	156.10	42.80	57.10	57.10
3	2 Km	161.20	44.60	60.10	60.10
4	3 Km	166.40	45.80	62.70	62.70
5	4 Km	171.50	48.70	64.10	64.10
6	5 Km	176.70	50.00	66.40	66.40
7	6 Km	181.80	52.50	68.60	68.60
8	7 Km	188.20	53.80	70.40	70.40
9	8 Km	192.00	56.10	73.00	73.00
10	9 Km	196.70	57.10	75.50	75.50
11	10 Km	202.30	60.10	77.70	77.70
12	11 Km	208.70	61.50	78.90	78.90
13	12 Km	213.80	64.10	81.90	81.90
14	13 Km	217.20	65.20	84.50	84.50
15	14 Km	222.80	66.40	86.90	86.90
16	15 Km	228.70	68.60	88.00	88.00
17	16 Km	234.40	70.40	90.80	90.80
18	17 Km	239.00	73.00	93.60	93.60
19	18 Km	243.30	74.30	96.10	96.10
20	19 Km	249.30	76.70	97.20	97.20
21	20 Km	254.80	77.70	99.40	99.40
22	BEYOND 20 to 50 Km (per Km)	6.80	2.20	3.00	3.00
23	Above 50 Km (per Km)	5.70	1.70	2.70	2.70
24	loading	16.00	7.70	7.70	7.70
25	Unloadng	12.80	6.20	5.90	5.90
26	Stacking	6.20	4.60	4.10	4.10
	Total	35.00	18.50	17.70	17.70

NOTE:

- 1. The above rates are governed by the definition of carriage given under the clause 34 of PS to A.P.S.S.**
- 2. The above rates are inclusive of Loading, Unloading and Stacking Charges (single operation). As the rates for the various items under materials include stacking charges also, the same should be deducted from the conveyance rates obtained from the table where not applicable.**
- 3. Where sandy track and cart track are met with, the equivalent length of these tracks may be arrived by multiplying with factors 1.40 and 1.10 for the length of sandy or cart track respectively and lead for the equivalent length so arrived at may be worked out for the cost of conveyance.**
- 4. When the material like Surkhi, Flyash and Bitumen are conveyed on emergency basis to avoid Wharfage, Demurrage from Railway station/Factories to Departmental Godown which are available within a lead of 8 km., 40% extra rate shall be allowed over above rates (Subject to the condition that the Departmental Godown is not available within 8 Kms).**
- 5. The conveyance rates of Surkhi and Flyash are allowed for conveyance of food grains under food for work program.**
- 6. Lead with fraction should not be rounded off twice. Illustratively, if actual lead on sandy track is 10.20 Km. say, then the lead for purpose of data should be only 10.20 x 1.40 = 14.280 or 15 km and not 10.20 rounded to 11.00 multiplied by 1.40 and again rounded to 16 Kms.**

HIRE CHARGES

HIRE/USAGE CHARGES FOR PLANT AND MACHINERY FOR 2005-06

Sl. No.	Description of Machine	Capacity / Output of machine	Unit of Measurement	Hire charges in Rupees
1	2	3	4	5
1	Drum Mix Plant 40 / 60 TPH	50 TPH	Per Hour	6,169.00
2	Hot Mix Plant 30/45 TPH	40 TPH	Per Hour	6,328.00
3	Hot Mix Plant 30/45 TPH 20/30	25 TPH	Per Hour	4,082.00
4	Hot Mix Plant 30/45 TPH 6/10 TPH	8 TPH	Per Hour	1,268.00
5	Paver finisher Hydraulic with sensor	75 TPH	Per Hour	1,165.00
6	Paver finisher mechanical sold	75 TPH	Per Hour	519.00
7	1) Bitumen pressure	4T	Per Hour	659.00
8	Generating get 125 KVA	100 KVA	Per Hour	424.00
9	Loader of 1 Cu.M.	1 Cu. M	Per Hour	495.00
10	Tipper 5 cum capacity one trip /hour			200.00
11	Tipper 10 T	10 T	Per Km.	14.85
12	Tandam Road Roller	8.5 T	Per Hour	668.00
13	Pneumatic tyre Roller	8 T	Per Hour	740.00
14	Road Roller	8/10 T	Per Hour	275.00
15	JCB Excavator	0.24 / 1 Cu.M	Per Hour	582.00
16	Wheeled Dozer. D 30 BEML		Per Hour	1,124.00
17	Mortar Grader BEML		Per Hour	1,128.00
18	Vibratory Roller	10 T	Per Hour	754.00
19	Tractor	50 HP	Per Hour	223.00
20	Air Compressor	170 Cu. M	Per Hour	196.00
21	Bitumen Boilor	1.5 T	Per Hour	120.00
22	Wet Mix Plant	60 T	Per Hour	721.00
23	Batching Plant	30 Cu.M PH	Per Hour	1,500.00
24	Batching Plant	15 Cu.M PH	Per Hour	1,250.00
25	Transit Mixture	4 Cu. M.	Per Hour	625.00
26	Concrete Pump	6 Cu. M. PH	Per Hour	312.50
27	Grab dredging crane (1cum) (normally runs for 4 hours a day)		Per Hour	2,500.00
28	Mastic Cooker	1 T	Per Hour	250.00
29	Drilling equipment		Per Hour	882.00
30	Needle Vibrator		Per Hour	27.87
31	Concrete Mixture		Per Hour	27.73
32	Tipper /Dumper 1 hour		Per Hour	202.55
33	Vibrating Roller		Per Hour	754.00
34	Front End Roller		Per Hour	495.00
35	Water Tanker		Per Hour	223.00
36	Crane (Rate of sinking 0.8 mts. per day		Per Hour	500.00

Sl. No.	Description of Machine	Capacity / Output of machine	Unit of Measurement	Hire charges in Rupees
1	2	3	4	5
37	Compressor Charges (6 cum per minit capacity)		Per Hour	93.00
38	Compressor Charges (10.5 cum per minit capacity)		Per Hour	145.25
39	Pump (23 KW)		Per Hour	75.00
40	Hydraulic Excavator 0.9 Cum bucket capacity at 60 CUM per hour		Per Hour	50.00
41	Hydraulic Excavator 1 CUM per hour		Per Hour	840.00
42	Water Tanker 6 KL.		Per Hour	234.00
43	Electric Generator Set 33.KVA.		per hour	240.00
44	Electric Generator Set 63.KVA.		Per Hour	250.00
45	Electric Generator Set 125.KVA.		Per Hour	450.00
46	Electric Generator Set 250.KVA.		Per Hour	450.00
47	Plate Compactor @3.5 CUMt/Hour		Per Hour	30.00
48	Crane with Grab Bucket of 0.75 CUM and 1 CUM of 35 tonnes to 80 tonnes		Per Hour	1,250.00
49	Air Compressor 250 cum with two jack hammers		Per Hour	206.00
50	Dozer-D-50-A15		Per Hour	1,423.00
51	Dozer-D-80-A-12.		Per Hour	2,400.00
52	Mortor Grader 3.35 M Blade		Per Hour	1,545.00
53	Front end loader 1 cum bucket capacity		Per Hour	520.00
54	Vibratory Roller 8 Tonne		Per Hour	994.00
55	Smooth Wheeled Roller -8 Ton		Per Hour	297.00
56	Water tanker per KM.		Per Km.	15.60
57	Rotavator		Per Km.	11.00
58	Ripper-Scarifying		Per Hour	18.00
59	Mechanical Broom Hydraulic		Per Hour	230.00
60	Bitumen Pressure Distributor		Per Hour	692.00
61	Emulsion Pressure Distributor		Per Hour	516.00

Sl. No.	Description of Machine	Capacity / Output of machine	Unit of Measurement	Hire charges in Rupees
1	2	3	4	5
62	Hot Mix Plant-120 T/PH		Per Hour	15,100.00
63	Hot Mix Plant-100 T/PH		Per Hour	11,167.00
64	Hydraulic Chip Spreader		Per Hour	1,700.00
65	Pot hole repairing Machine		Per Hour	585.00
66	Bitumen boiler oil fired		Per Hour	128.00
67	GSB Plant 50 CUM		Per Hour	670.00
68	Mastic Cooker		Per Hour	40.00
69	Concrete Pump of 45 & 30 CUM capacity		Per Hour	165.00
70	Crane	A. 80 TON	Per Hour	825.00
		B 35 TON		550.00
		C 3 TON		230.00
71	concrete bucket		Per Hour	10.00
72	Kerb casting machine		Per Hour	200.00
73	Concrete mixer			
74	a)04/0.28 cum		Per Hour	150.00
75	b) 1 Cum		Per Hour	150.00
76	a) Piling Rig with Bantonite pump		Per Hour	3,525.00
77	b) Hot Mix Plant 60-90 TPH		Per Hour	8,930.00
78	c) Hot Mix Plant 40-60 TPH		Per Hour	7,150.00
79	d) Paver Finisher with sensor control 100 TPH		Per Hour	1,725.00
80	e) Paver finisher mechanical 100 TPH		Per Hour	629.00
81	Concrete paver finisher with 40HP motor		Per Hour	1,850.00
82	Intigrated Stone Crusher		Per Hour	5,590.00
83	Prestressing Jack with pump and Acess		Per Hour	83.00
84	Generator 100 KVA		Per Hour	450.00
85	Pnumatic sinking plant		Per Hour	2,690.00
86	Truck 5.5 Cum per 10 T		Per Km	14.50
			Per Tonn Km	1.60
87	Road Marking machine		Per hour	60.00
88	Mobile Slurry seal equipment		Per hour	650.00

Note: Rates including hire charges, Machines RL, Work charged of staff and routine maintenance etc., in accordance with MORTH.

Sd/- K.Satyanarayan Reddy Dt: 01-08-2005,
Engineer-in-Chief(I.W),
Chairman,BOCE(SSR).

for Engineer-in-Chief(IW)

Seigniorage and Cess charges:

- i) The seigniorage charges as existing actually may be added in the data rates in the estimates.
- 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)
3a	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	Pullers 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
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 Districts, 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 Varieties	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 cession 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