

Government of Orissa
Works Department

File No. ~~CO-152~~ 3/07-14075 W, Dated. 16-802

From

Sri S.K. Ray,
EIC-cum- Secretary to Govt.

To

EIC (Civil), Orissa/
EIC, Water resources, Orissa/
FA-cum-Addl. Secy. to Govt., R.D. Deptt./
Chief Engineer, DPI & Roads, Orissa/
Chief Engineer, Buildings, Orissa/
Chief Engineer, N. Hs., Orissa/
Chief Engineer, World Bank Project, Orissa/
Chief Architect, Orissa/
Chief Engineer, Water Resources, Orissa/
Chief Engineer, R.W.-I, Orissa/
Chief Engineer, R.W.-II, Orissa/
Chief Engineer, P.H.(Urban), Orissa/
Chief Engineer, Electricity, Orissa/
FA-cum-Joint Secy. to Govt., Water Resources Deptt./
FA-cum-Joint Secy. to Govt., H.&U.D. Deptt./
FA-cum-Joint Secy. to Govt., Energy Deptt./
Special Officer-cum-Joint Secy. to Govt., Fin. Deptt.

Sub:- Preparation of new Schedule of Rates – 2007.

Sir,

In inviting a reference to above subject, I am directed to say that Government has been pleased to approve **Schedule of Rates-2007**, enclosed herewith which will come into force with effect from the date of issue. This Schedule of Rates- 2007 will also be available in the web-site of State Government.

2. To arrive the rate for the finished item of works, the guidelines as laid down in Analysis of Rates -2006 will be followed.

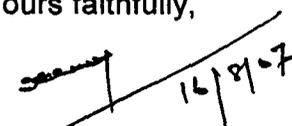
3. The Finance Department has concurred this Schedule of Rates -2007 vide their U.O.R. No.305-WF- I, dt.6.8.2007 with following stipulations which may be followed scrupulously at the time of finalization of tender.

- i. "Administrative Department shall ensure that the tenders are finalized taking into account the rates mentioned in Schedule of Rates, 2007".

- ii. "Administrative Department may further ensure that the tenders are finalized without delay; the work is executed as per the work programme and completed without cost over run and time over run. Responsibility has to be fixed for delay in execution of work and for cost over run".

Yours faithfully,

Encl:- As above


16/07/07
EIC-cum-Secretary to Govt.

Memo No.

14076

W, Dated.

16/8/07

with copy of enclosure

Copy forwarded to Chief Engineer, RD & QP (R&B), Orissa and Chairman, Rate Board for information and necessary action.

He is requested to furnish soft / hard copies of Schedule of Rates -2007 to the Department of Information Technology and the Director, Printing, Stationary & Publication, Orissa, Cuttack and also to pursue the matter with them to display the same in the web-site of State Govt. and also to prepare printed copies.


FA-cum-Joint Secretary to Govt.

Memo No.

14077

W, Dated.

16/8/07

with copy of enclosure

Copy forwarded to P. S.. to Hon'ble Minister, Finance, Orissa/ P. S.. to Hon'ble Minister, Works, Housing, Orissa for information and necessary action.


FA-cum-Joint Secretary to Govt.

Memo No.

14078

W, Dated.

16-8-07

with copy of enclosure

Copy forwarded to OSD to Chief Secretary, Orissa/ P.S. to Development Commissioner- cum-Additional Chief Secretary, Orissa/ P.S. to Principal Secretary to Chief Minister, Orissa for information and necessary action.


FA-cum-Joint Secretary to Govt.

14079

16807

Memo No. with copy of enclosure W, Dated.

Copy forwarded to Finance Department/ Department of Water Resources/ Housing & Urban Development Department/ Rural Development Department/ Panchayati Raj Department/ Department of Energy/ Department of Information Technology/ all other Departments/ Managing Director, OB & CC Ltd./ Managing Director, O CC Ltd for information and necessary action.

Department of Information Technology is requested to display the Schedule of Rates, 2007 in the web-site of State Government.

14080

FA-cum-Joint Secretary to Govt.

Memo No. with copy of enclosure W, Dated.

Copy forwarded to the Accountant General (A&E), Orissa, Bhubaneswar/ Senior D.A.G. (Works Audit & Projects), Orissa, Puri for information and necessary action.

14081

FA-cum-Joint Secretary to Govt.

Memo No. with copy of enclosure W, Dated.

Copy forwarded to the Director, Printing, Stationary & Publication, Orissa, Cutack for information and necessary action.

He is requested to prepare 6000 (six thousand) copies of this Schedule of Rates -2007 and supply 1500 (one thousand five hundred) copies to this Department and to other Engineering Departments as per their requirement/ requisition.

14082

FA-cum-Joint Secretary to Govt.

Memo No. with copy of enclosure W, Dated.

Copy forwarded to all Officers/ Superintending Engineers/ Executive Engineers/ Sections/ P.S. to EIC-cum-Secretary to Govt., Works Department/ spare copies to Guard file for information and necessary action.

FA-cum-Joint Secretary to Govt.



GOVERNMENT OF ORISSA

**BASIC RATE OF MATERIALS FOR
RDC ZONES
(CENTRAL, NORTHERN & SOUTHERN),
RATE OF LABOUR, CONVEYANCE AND
HIRE CHARGES OF PLANTS AND
MECHINERIES**

FOR -2007

WORKS DEPARTMENT

REPORT

The Scheduled of Rate , 2006 which is now followed throughout the State does not reflect the regional difference in basic rate of materials and conveyance. It was , therefore decided at Government level to prepare Zone wise Schedule of Rate taking into account the three R.D.C zones as units.

Accordingly, (R&B) Divisions falling under three RDC Zones were asked to furnish the basic rates of materials and conveyance to the Rate Board for preparation of Zonewise Schedule of Rates 2007. Average rate for a materials have been calculated after ignoring the abnormally high and low rates. These rates were discussed in four Rate Board meetings. Rate Board has finally recommended the basic rates after necessary correction and modification wherever necessary. As regards the rate of conveyance , an uniform and common rate have been adopted for the whole State by taking the average of three zonal rates as per the decision of Rate Board. The rates for different categories of labour have been adopted as per notification of Labour and Employment Department, Govt. of Orissa vide notification no SRO 246 and 247 dated 28.4.07. The basic rates for some new items like Aluminium sections , Rolled steel sections and vitrified tiles have been incorporated in the present Schedule of Rate ,2007 .

With these modifications , it is expected that the Schedule of Rates ,2007 will be more realistic and workable.

ENGINEER-IN-CHIEF-CUM –SECRETARY
TO GOVERNMENT , WORKS DEPARTMENT

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I - BASIC RATE OF MATERIALS 2007(CENTRAL ,NORTHERN AND SOUTHERN ZONES)

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
1	Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	1000 Nos	1810.00	1692.00	1661.00
2	Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	1000 Nos	1602.00	1590.00	1530.00
3	K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 8 percent.	1000 Nos	2418.00	2309.00	2287.00
4	K.B. bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 8 percent.	1000 Nos	2099.00	2106.00	1956.00
5	Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	1000 Nos	1813.00	1738.00	1692.00
6	Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2%	1000 Nos	1525.00	1513.00	1454.00
7	Fly ash blocks of 30 Cm. x 20 Cm. x 15 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	Each	9.00	10.00	9.00
8	Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm ²				
	a. 400mm x 200mm x 200mm size	Each	20.00	21.00	19.00
	b. 400mm x 150mm x 200mm size	Each	16.00	16.00	15.00
	c. 400mm x 100mm x 150mm size	Each	11.00	12.00	11.00
	d. 300mm x 200mm x 150mm size	Each	12.00	13.00	13.00
	e. 300mm x 150mm x 150mm size	Each	10.00	10.00	10.00
	f. 300mm x 100mm x 150mm size	Each	8.00	8.00	8.00
9	Cement concrete Hollow Blocks machine mixed and Hydraulic compressed having crushing strength not less than 70kg/cm ²				
	a. 400mm x 200mm x 200mm size	Each	18.00	18.00	18.00
	b. 400mm x 150mm x 200mm size	Each	14.00	14.00	13.00
	c. 400mm x 100mm x 200mm size	Each	10.00	10.00	10.00
	d. 300mm x 200mm x 150mm size	Each	10.00	10.00	10.00
	e. 300mm x 150mm x 150mm size	Each	9.00	10.00	9.00
	f. 300mm x 100mm x 150mm size	Each	7.00	8.00	7.00
10	K.B. bricks Khoa 4 Cm.size	1 Cum	248.00	266.00	252.00
11	Clamp burnt brick Khoa 4Cm. size.	1 Cum	196.00	192.00	184.00
12	Surki of clamp burnt bricks.	1 Cum	326.00	328.00	319.00
13	Surki of Kiln burnt bricks.	1 Cum	335.00	343.00	328.00
14	Screen washed gravel for concrete (12mm. to 20mm.)	1 Cum	97.00	97.00	96.00
15	a) Gravel or moorum for roadwork satisfying the P.I value with sand admixture, if required.	1 Cum	52.00	51.00	53.00
	b) Gravel or moorum having P.I value more than 6	1 Cum	34.00	34.00	34.00
16	Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	1 Cum	62.00	56.00	64.00
17	River single or Bajri (12mm. to 20mm.)	1 Cum	80.00	77.00	79.00
18	Screened and washed sharp sand for mortar	1 Cum	33.00	33.00	35.00
19	Sand for filling and road blinding	1 Cum	29.00	29.00	30.00
20	Clay mortar for masonry work with admixture of sand.	1 Cum	41.00	40.00	40.00
21	Stone lime unslaked.	1 Kg.	12.00	12.00	12.00
22	Ghooting lime unslaked.	1 Kg.	16.00	17.00	16.00
23	Shell lime unslaked.	1 Kg.	14.00	14.00	14.00
24	a) Granite broken stone of size not less than 0.025 Cum. Stacked	1 Cum.	153.00	167.00	169.00
	b) Granite broken stone of size not less than 0. 025 Cum. picked up.	1 Cum	129.00	138.00	139.00
25	Stone other than granite quarried, broken and stacked 0.0015 Cum to 0.003 Cum.	1 Cum	127.00	135.00	137.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
26	Stone other than granite picked up, broken and stacked 0.0015 Cum to 0.003 Cum.	1 Cum	114.00	116.00	121.00
27	Stone other than granite quarried, broken and stacked above 0.003 Cum	1 Cum	121.00	126.00	129.00
28	Stone other than granite picked up, broken and stacked above 0.003 Cum	1 Cum	115.00	116.00	122.00
29	Granite Stone broken metal 63mm. Size (Passing through 90mm. Sieve and retained on 53 mm sieve.)				
	a) Crusher broken.	1 Cum	449.00	463.00	488.00
	b) Hand broken.	1 Cum	336.00	350.00	349.00
30	Granite Stone broken metal 45mm. size (Passing through 53mm sieve & retained on 26.5mm sieve)				
	a) Crusher broken.	1 Cum	471.00	477.00	506.00
	b) Hand broken.	1 Cum	337.00	361.00	358.00
31	Granite Stone broken metal 40mm. size				
	a) Crusher broken.	1 Cum	491.00	506.00	525.00
	b) Hand broken.	1 Cum	378.00	406.00	404.00
32	Granite Stone broken metal 26.5mm. Size (Passing through 45mm sieve & retained on 22.4mm sieve)				
	a) Crusher broken.	1 Cum	530.00	524.00	556.00
	b) Hand broken.	1 Cum	390.00	383.00	389.00
33	Granite Stone broken metal 25mm. Size (Passing through 40mm sieve & retained on 20mm sieve)				
	a) Crusher broken.	1 Cum	528.00	533.00	583.00
	b) Hand broken.	1 Cum	413.00	414.00	430.00
34	Granite Stone broken metal 22.4mm. size(Passing through 26.5mm sieve & retained on 11.2mm sieve)				
	a) Crusher broken.	1 Cum.	531.00	536.00	577.00
	b) Hand broken.	1 Cum	416.00	421.00	439.00
35	Granite Stone broken chips 20mm. size(Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve. But whole should pass through 26.5mm sieve)				
	a) Crusher broken.	1 Cum	646.00	685.00	701.00
	b) Hand broken.	1 Cum	505.00	550.00	553.00
36	Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve)				
	a) Crusher broken.	1 Cum	653.00	685.00	702.00
	b) Hand broken.	1 Cum	496.00	527.00	562.00
37	Granite Stone broken chips 12mm. Size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve. But whole should pass through 19mm sieve)				
	a) Crusher broken.	1 Cum	661.00	707.00	736.00
	b) Hand broken.	1 Cum	520.00	533.00	576.00
38	Granite Stone broken chips 11.2mm. Size (Passing through 13.2mm sieve & retained on 5.6mm sieve)				
	a) Crusher broken.	1 Cum	671.00	720.00	750.00
	b) Hand broken.	1 Cum	535.00	557.00	583.00
39	Granite Stone broken chips 10mm. Size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve. But whole should pass through 13.2mm sieve)				
	a) Crusher broken.	1 Cum	674.00	736.00	755.00
	b) Hand broken.	1 Cum	536.00	569.00	596.00
	(A) Granite Stone broken chips 6.7mm size (Passing through 11.2mm sieve & retained on 2.8mm sieve)	1 Cum	517.00	529.00	519.00
	(B) Granite Stone screening (Passing through 2.36mm sieve & retained on 180 micron sieve)	1 Cum	446.00	448.00	474.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
40	Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	1 Cum	457.00	455.00	487.00
41	Stone other than granite broken to 5cm. size.	1 Cum	197.00	205.00	208.00
42	Stone other than granite broken to 4 cm. size.	1 Cum	210.00	215.00	220.00
43	Stone other than granite broken to 2 cm. size.	1 Cum	221.00	239.00	240.00
44	Stone other than granite broken to 1cm. size.	1 Cum	233.00	245.00	252.00
45	Stone boulder 15cm. & above size granite picked up and nullah boulders.	1 Cum	105.00	102.00	102.00
46	Soiling stone boulder 15Cm. & above size picked up nullah boulders broken.	1 Cum	119.00	115.00	119.00
47	Stone boulder 15cm. & above size other than granite or laterite picked up and nullah boulders.	1 Cum	91.00	96.00	97.00
48	Soiling stone boulder 15Cm. & above size other than granite or laterite picked up nullah boulders broken.	1 Cum	101.00	103.00	109.00
49	Soling stone boulders 10 Cm. size picked up other than granite.	1 Cum	93.00	95.00	97.00
50	Hard broken soling stone other than granite (40mm. to 90mm.)	1 Cum	152.00	150.00	155.00
51	I.R.C. Grade I (90mm to 45 mm.)	1 Cum	411.00	418.00	434.00
52	I.R.C. Grade II (63mm. to 45mm.)	1 Cum	468.00	466.00	486.00
53	I.R.C. Grade III (53mm. to 22.4mm.)	1 Cum	503.00	509.00	535.00
54	Laterite soling stone 23Cm. size	1 Cum	75.00	80.00	81.00
55	Laterite Stone rough dressed	1 Cum	392.00	410.00	413.00
56	Bamboo mat or talai.	1 Sqm.	95.00	97.00	98.00
57	Bamboo 1 ST class 7Cm. to 10Cm. dia & above 6m. long.	Each	103.00	109.00	115.00
58	a) Belongi Bomboo 2.51 Cm. to 4Cm. dia & above 5m. long.	Each	19.00	20.00	19.00
	b) Belongi Bomboo above 4Cm. dia & up to 7Cm. dia & above 5m. long.	Each	30.00	30.00	29.00
59	Sal bullahs 75mm. to 120mm. dia up to 5.5m. long.	1Mtr	76.00	75.00	78.00
60	Sal bullahs 150mm. to 200mm. dia up to 5.5m. long.	1Mtr	85.00	83.00	87.00
61	Sal bullahs above 200mm. & up to 250mm. mean dia & up to 2.75m. long.	1Cum.	7061.00	7106.00	7094.00
62	Sal bullahs above 200mm. & up to 250mm. mean dia above 2.75m. long & up to 4.75m. long.	1Cum	7827.00	7969.00	8092.00
63	Sal bullahs above 200mm. & up to 250mm. mean dia above 4.75m. long	1Cum	9031.00	9175.00	9393.00
64	Sal bullahs above 250mm. & up to 380mm. mean dia & up to 2.75m. long	1Cum	10146.00	10387.00	10418.00
65	Sal bullahs above 250mm. & up to 380mm. mean dia & above 2.75m. long up to 4.75m. long	1Cum	12417.00	12727.00	13052.00
66	Sal bullahs above 250mm. & up to 380mm. mean dia & above 4.75m. long.	1Cum	13666.00	14466.00	14075.00
67	Non-sal bullahs 75mm. mean dia of any length.	1Mtr.	37.00	36.00	38.00
68	Non-sal bullahs 100mm. mean dia of any length.	1Mtr.	48.00	45.00	47.00
69	Non-sal bullahs 125mm. mean dia of any length.	1Mtr.	56.00	58.00	59.00
70	Non-Sal bullahs 150mm. to 200mm. mean dia of any length.	1Mtr.	69.00	70.00	73.00
71	Non-Sal bullahs above 200mm. & up to 250mm. mean dia up to 2.5m. long.	1Cum.	4783.00	4743.00	4823.00
72	Non-Sal bullahs above 200mm. & up to 250mm. mean dia above 2.5m. long.	1Cum.	5245.00	5256.00	5283.00
73	Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & up to 2.75m. long.	1Cum.	26181.00	28342.00	26470.00
74	Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & above 2.75m. long.	1Cum.	29056.00	30972.00	28384.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
75	Seasoned Sal wood beam of cross sectional area not less than 150Sq.cm. & least lateral dimension 100mm. & above 2.75m. long.	1Cum.	29225.00	30925.00	28693.00
76	Seasoned Sal wood planks not more than 75mm. thick & not less than 200mm. width.	1Cum.	26421.00	28056.00	26174.00
77	Seasoned Piasal wood planks for shutters.	1Cum.	42398.00	44485.00	41313.00
78	Seasoned Teak wood planks for shutters.	1Cum.	57874.00	60880.00	57371.00
79	Non Sal wood scantling & planks(Tentera, Kasi, Gamhari, Kuruma)	1Cum.	15316.00	15990.00	15492.00
80	Non-Sal reapers.	1Cum.	9954.00	10079.00	10294.00
81	Fire wood	1Qntl	322.00	351.00	362.00
82	1 st class Raniganj or Mangalore pattern tiles.	100 Nos.	734.00	768.00	775.00
83	Ridges of Raniganj or Mangalore parttern tiles.	100 Nos	1154.00	1197.00	1208.00
84	Flat tiles(14Cm. x14 Cm.x 1Cm.)	1000 Nos.	230.00	248.00	236.00
85	Flat tiles (15Cm x15Cmx 1.2 Cm)	1000 Nos.	257.00	274.00	255.00
86	Flat tiles (30Cm. x 15 Cm.x 2.5 Cm.)	1000 Nos.	1044.00	1102.00	1093.00
87	Flat tiles (30Cm. x 30 Cm.x 2.5 Cm.)	1000 Nos.	1247.00	1294.00	1256.00
88	Pan tiles	1000 Nos.	247.00	250.00	252.00
89	Nuria tiles(20Cm. to 25Cm.)	1000 Nos.	555.00	589.00	573.00
90	Nuria tiles(25Cm. to 30Cm.)	1000 Nos.	662.00	707.00	696.00
91	Ridge tiles	1000 Nos.	767.00	815.00	797.00
92	Marble Tiles of minimum 16 mm thick, dunguri Variety.				
	(a) Up to 0.10 Sqm.	1 Sqm.	432.00	450.00	473.00
	(b) Above 0.10 Sqm. to 0.40 Sqm.	1 Sqm	524.00	521.00	544.00
	(c) Above 0.4 Sqm. to 1.00 Sqm.	1 Sqm	611.00	612.00	645.00
93	Kota Tiles of minimum 16 mm thick				
	(a) Up to 0.10 Sqm.	1 Sqm	333.00	332.00	358.00
	(b) Above 0.10 Sqm.	1 Sqm	407.00	409.00	440.00
94	Khandolites (Up to 0.06 Sqm.)	1 Sqm	261.00	253.00	274.00
95	Granite Tiles				
	(a) Up to 0.10 Sqm. (10mm thick)	1 Sqm	1181.00	1169.00	1228.00
	b) Above 0.10 Sqm				
	(i)Above 0.10 Sqm & up to 0.4 sqm (10mm. thick)	1 Sqm	1437.00	1407.00	1440.00
	ii) Above 0.40 sqm. (20mm thick)	1 Sqm	1730.00	1691.00	1878.00
96	Kodappa Tiles of 10 mm thick				
	(a) Above 0.1 Sqm & Up to 0.40 Sqm.	1 Sqm	313.00	315.00	324.00
	(b) Above 0.40 Sqm.	1 Sqm	427.00	409.00	419.00
97	Dholpuri Stone Tiles.	1 Sqm	309.00	304.00	317.00
98	(A) Ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 of following sizes				
	(i) 30cm x 20cm / 20cm x 20cm special plain / printed series	1 Sqm	412.00	421.00	422.00
	(B) Ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755 of following sizes				
	(i) 30cm x 30cm / 40cm x 40cm special plain / printed series	1 Sqm	492.00	496.00	499.00
	(C) Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of following sizes				
	(i) 60cm x 60cm plain(Ivory)	1 Sqm	700.00	700.00	700.00
	(ii) 60cm x 60cm coloured / Printed series	1 Sqm	800.00	800.00	800.00
	(D) Vitrified industrial floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 30cm x 30cm	1 Sqm	750.00	750.00	750.00
99	Chequered Tiles.	1 Sqm	220.00	206.00	217.00
100	Terrazo Tiles.				
	(a) With grey cement.	1 Sqm	206.00	198.00	205.00
	(b) With white cement	1 Sqm	244.00	250.00	262.00
101	Red oxide Primer	1 Litre	94.00	95.00	99.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
102	Wood Primer	1 Litre	99.00	106.00	107.00
103	Wood Shine Paint	1 Litre	107.00	105.00	111.00
104	Plastic Emulsion paint	1 Litre	188.00	191.00	193.00
105	Enamel paint	1 Litre	145.00	147.00	154.00
106	Distemper	1 Kg.	56.00	58.00	60.00
107	Cement paint	1 Kg.	35.00	36.00	35.00
108	Red oxide powder	1 Kg.	88.00	88.00	99.00
109	French polish	1 Litre	130.00	137.00	136.00
110	Varnish	1 Litre	113.00	118.00	123.00
111	Plaster of paris	1 Kg.	11.00	11.00	11.00
112	Coal Tar	1 Kg.	34.00	35.00	37.00
113	G.C.I. Sheet	1 Sqm.	202.00	207.00	229.00
114	A.C. Sheet	1 Sqm.	163.00	170.00	172.00
115	A.C. ridges	1 pair	161.00	170.00	172.00
116	6mm. Thick Plain A.C. Sheet	1 Sqm	188.00	199.00	197.00
117	Tar Paper	1 Sqm	12.00	12.00	12.00
118	Putty (Wood)	1 Kg.	29.00	30.00	29.00
119	Putty (Iron)	1 Kg.	91.00	91.00	93.00
120	Wire Nails	1 Kg.	39.00	40.00	42.00
121	M.S. Angle	1 Qntl.	3154.00	3223.00	3386.00
122	M.S. Channel	1 Qntl	3164.00	3262.00	3367.00
123	Bolt, Nut & Washers	1 Kg.	52.00	54.00	55.00
124	Holding down bolts minimum 60 Cm. long with 15Cm. x 15 Cm. x 6mm. size washer plate	1 Kg.	50.00	54.00	56.00
125	Binding Wire.	1 Kg.	41.00	44.00	43.00
126	Coir String	1 Kg.	44.00	46.00	45.00
127	a) Empty Cement bags (HDPE) by lot & not shorted out	100 nos	150.00	150.00	150.00
	b) Empty Cement gunny bags by lot & not shorted out	100 nos	300.00	300.00	300.00
	c) Empty Bitumen Drum	Each	100.00	100.00	100.00
	d) Empty Bitumen Emulsion Drum	Each	200.00	200.00	200.00
128	Straw in Bundle	100 nos	222.00	216.00	235.00
129	Marble Chips.	1qntl	469.00	473.00	505.00
130	Marble Powder	1qntl	323.00	328.00	350.00
131	Cement	1qntl	Average factory price of three manufacturers inside the State.	Average factory price of three manufacturers of cement inside the State.	Average factory price of three manufacturers of cement inside the State.
132	White Cement.	1qntl	1576.00	1582.00	1599.00
133	Steel	1qntl	Rate as fixed by Steel Authority of India Limited (SAIL).	Rate as fixed by Steel Authority of India Limited (SAIL).	Rate as fixed by Steel Authority of India Limited (SAIL).
	a) Mild Steel				
	b) HYSD(Fe 415)				
134	"Z" type Steel Sheet Piles .	1qntl	3532.00	3500.00	3533.00
135	Bentonite powder	1qntl	223.00	222.00	216.00
	<u>Oxidized mild steel fittings (I.S.I.)</u>				
136	Butt hinges (I.S.I.)				
	a) 50x37x1.50mm	Each	5.00	5.00	5.00
	b) 75x47x0.70mm	Each	7.00	7.00	7.00
	c) 100x58x1.90mm	Each	11.00	11.00	11.00
	d) 125x65x2.12mm	Each	17.00	18.00	17.00
137	M.S. aldrop (I.S.I.)				
	a) 250x16mm	Each	70.00	72.00	71.00
	b) 300x16mm	Each	78.00	80.00	78.00
138	M.S. handle (I.S.I.)				
	a) 100mm	Each	11.00	12.00	11.00
	b) 125mm	Each	13.00	14.00	13.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
	c) 150mm	Each	16.00	17.00	16.00
139	M.S. tower bolt (I.S.I.)				
	a) 100x10mm	Each	13.00	14.00	13.00
	b) 150x10mm	Each	19.00	20.00	19.00
	c) 200x10mm	Each	24.00	26.00	24.00
140	M/S. Screw (I.S.I.)				
	a) 12x3mm	100 pcs	23.00	24.00	24.00
	b) 12x4mm	100 pcs	25.00	26.00	25.00
	c) 20x4mm	100 pcs	29.00	30.00	30.00
	d) 20x5mm	100 pcs	31.00	32.00	32.00
	e) 25x4mm	100 pcs	33.00	34.00	34.00
	f) 25x5mm	100 pcs	37.00	38.00	38.00
	g) 30x4mm	100 pcs	38.00	40.00	39.00
	h) 30x5mm	100 pcs	40.00	42.00	41.00
	i) 30x6mm	100 pcs	43.00	45.00	44.00
	j) 35x6mm	100 pcs	45.00	47.00	46.00
	k) 35x7mm	100 pcs	48.00	51.00	49.00
	l) 35x8mm	100 pcs	55.00	58.00	57.00
	m) 50x7mm	100 pcs	60.00	62.00	62.00
	n) 50x8mm	100 pcs	64.00	67.00	66.00
141	Steel window stay bar (I.S.I.)				
	a) 200mm	Each	19.00	19.00	19.00
	b) 250mm	Each	24.00	25.00	24.00
	c) 300mm	Each	28.00	29.00	28.00
142	Steel window handle including Nut, bolt & washer (I.S.I.)				
	a) 100mm	Each	16.00	17.00	17.00
	b) 150mm	Each	20.00	20.00	20.00
143	Welded mesh				
	a) 25mmx25mmx11 gauge	Sqm	143.00	146.00	144.00
	b) 25mmx25mmx13 gauge	Sqm	132.00	134.00	130.00
	c) 50mmx25mmx11 gauge	Sqm	132.00	135.00	130.00
	d) 50mmx25mmx13 gauge	Sqm	120.00	124.00	119.00
144	G.I. "L" & "J" hook	Kg	47.00	48.00	49.00
145	W.I. clamp	Kg	42.00	44.00	43.00
	Aluminium fittings (I.S.I.)				
146	Butt hinges (I.S.I.)				
	a) 125mmx75mmx4mm	Each	51.00	53.00	53.00
	b) 125mmx63mmx4mm	Each	42.00	44.00	45.00
	c) 100mmx75mmx4mm	Each	39.00	40.00	41.00
	d) 100mmx63mmx4mm	Each	37.00	39.00	40.00
	e) 75mmx63mmx4mm	Each	21.00	22.00	23.00
	f) 50mmx35mmx3.2mm	Each	10.00	10.00	10.00
147	Aluminium handle (I.S.I.)				
	a) 150mm with 175mm x 40mm flat	Each	20.00	20.00	20.00
	b) 125mm with 175mm x 40mm flat	Each	16.00	17.00	17.00
	c) 100mm with 150mm x 33mm flat	Each	15.00	15.00	16.00
	d) 75mm with 118mm x 33mm flat	Each	21.00	21.00	21.00
148	Aluminium tower bolt (Barrel type) (I.S.I.)				
	a) 300mm x10mm	Each	46.00	52.00	47.00
	b) 250mm 10mm	Each	41.00	44.00	42.00
	c) 200mm x 10mm	Each	38.00	41.00	38.00
	d) 150mm x 10mm	Each	34.00	35.00	33.00
	e) 100mm x 10mm	Each	28.00	28.00	28.00
149	Sliding door bolt (Aldrop) (I.S.I.)				
	a) 300mm x 16mm	Each	174.00	179.00	179.00
	b) 250mm x 16mm	Each	164.00	163.00	159.00
150	Brass fittings(I.S.I.) Butt hinges (light/Ordinary) (I.S.I.)				

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
	a) 125mm x 70mm x 4mm	Each	43.00	47.00	45.00
	b) 100mm x 70mm x 4mm	Each	31.00	34.00	34.00
	c) 75mm x 40mm x 2.5mm	Each	21.00	23.00	22.00
	d) 50mm x 40mm x 2.5mm	Each	11.00	11.00	11.00
151	But hinges (Heavy type) (I.S.I.)				
	a) 125mm x 85mm x 5.5mm (0.07 kg)	Each	147.00	154.00	153.00
	b) 100mmx85mmx5.5mm (0.056Kg)	Each	132.00	132.00	134.00
	c) 75mmx65mmx4mm (0.02 kg)	Each	58.00	59.00	59.00
152	Brass tower bolt (Barrel type) (I.S.I.)				
	a) 250mm x 10-mm	Each	135.00	138.00	139.00
	b) 200mm x 10mm	Each	114.00	116.00	117.00
	c) 150mm x 10mm	Each	94.00	98.00	98.00
	d) 100mm x 10mm	Each	69.00	68.00	69.00
153	Brass Screws (I.S.I.)				
	a) 50mm	100 Nos	117.00	118.00	118.00
	b) 40mm	100 Nos	106.00	107.00	107.00
	c) 30mm	100 Nos	92.00	95.00	92.00
	d) 25mm	100 Nos	82.00	88.00	86.00
	e) 20mm	100 Nos	61.00	63.00	62.00
154	Chromium plated fittings (Brass) (I.S.I.)Handle (I.S.I.)				
	a) 125mm with 175 x 32mm plate	Each	99.00	105.00	99.00
	b) 100mm with 150 x 25mm plate	Each	86.00	88.00	85.00
	c) 75mm with 125 x 25mm plate	Each	71.00	75.00	71.00
155	Wall cement primer (I.S.I.)				
	a) Oil bound	1 ltr	123.00	127.00	127.00
	b) Water bound	1 ltr	116.00	119.00	118.00
156	Aluminium paint (I.S.I.)	1 ltr	218.00	220.00	215.00
157	Weather coat (I.S.I.)	1 ltr	238.00	245.00	246.00
158	Adhesive (I.S.I.)				
	a) Dendrite type	1 Kg	188.00	203.00	194.00
	b) Fevicol type	1 Kg	165.00	169.00	163.00
159	Bitumenous expansion joint board (I.S.I.)				
	a) 12mm thick	Sqm	539.00	543.00	538.00
	b) 16mm thick	Sqm	766.00	783.00	766.00
	c) 25mm thick	Sqm	996.00	998.00	1048.00
160	Barbed wire (I.S.I.)	Kg	42.00	42.00	47.00
161	Glass plain (I.S.I.)				
	a) 3mm	Sqm	286.00	280.00	287.00
	b) 4mm	Sqm	327.00	323.00	326.00
	c) 5mm	Sqm	418.00	415.00	421.00
	d) 6mm	Sqm	477.00	489.00	477.00
	e) 8mm	Sqm	750.00	744.00	741.00
	f) 10mm	Sqm	1045.00	1089.00	1059.00
	g) 12mm	Sqm	1188.00	1210.00	1187.00
162	Glass pin headed (I.S.I.)				
	a) 4mm	Sqm	208.00	217.00	212.00
	b) 5mm	Sqm	293.00	304.00	294.00
163	Black glass (I.S.I.)				
	a) 4mm	Sqm	411.00	410.00	420.00
	b) 5mm	Sqm	492.00	492.00	486.00
	c) 6mm	Sqm	600.00	605.00	589.00
	d) 8mm	Sqm	993.00	975.00	990.00
	e) 12mm	Sqm	1564.00	1606.00	1548.00
164	Frosted glass (I.S.I.)				
	a) 4mm	Sqm	383.00	397.00	390.00
	b) 5mm	Sqm	426.00	445.00	436.00
165	Wire glass – 6 mm (I.S.I.)	Sqm	526.00	550.00	540.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
166	Sun-control film (I.S.I.)				
	a) Reflective	Sqm	448.00	447.00	438.00
	b) Non-reflective	Sqm	302.00	292.00	300.00
167	Prelaminated particle board (Novapan standard type) (I.S.I.)				
	a) 9mm	Sqm	492.00	580.00	490.00
	b) 12mm	Sqm	563.00	588.00	568.00
	c) 18mm	Sqm	625.00	646.00	626.00
	d) 25mm	Sqm	744.00	779.00	746.00
168	BWR ply wood (I.S.I.)				
	a) 3mm	Sqm	229.00	234.00	234.00
	b) 4mm	Sqm	272.00	279.00	279.00
	c) 6mm	Sqm	394.00	404.00	403.00
	d) 9mm	Sqm	491.00	493.00	489.00
	e) 12mm	Sqm	647.00	654.00	646.00
	f) 16mm	Sqm	774.00	793.00	767.00
	g) 19mm	Sqm	908.00	924.00	885.00
	h) 25mm	Sqm	1306.00	1322.00	1305.00
169	BWR Block Board (I.S.I.)				
	a) 16mm	Sqm	661.00	663.00	663.00
	b) 19mm	Sqm	750.00	761.00	764.00
	c) 25mm	Sqm	859.00	875.00	876.00
	d) 32mm	Sqm	1077.00	1065.00	1032.00
170	Vinyle Flooring (I.S.I.)				
(A)	Homogeneous Range (I.S.I.)				
i)	PVC (MF) Classic roll- 1.00mm thick	Sqm	299.00	287.00	295.00
ii)	PVC (MF) classic tile- 1.00mm thick	Sqm	326.00	330.00	331.00
iii)	PVC (MF) impress roll-1.50mm thick	Sqm	391.00	392.00	400.00
iv)	PVC (MF) impress tile-1.50mm thick	Sqm	426.00	430.00	425.00
v)	PVC (MF) super roll- 2.00mm thick	Sqm	510.00	517.00	511.00
vi)	PVC (MF) super tile -2.00mm thick	Sqm	560.00	570.00	563.00
(B)	Heterogeneous Range (I.S.I.)	Sqm			
i)	PVC (MF) Hetro roll- 2.00mm thick	Sqm	461.00	464.00	451.00
ii)	PVC (MF) hetro tile- 2.00mm thick	Sqm	522.00	525.00	501.00
171	Aluminium extruded section	Kg	224.00	224.00	224.00
172	Roll formed sections made of pre-painted steel (base steel as per IS-513 of 0.6 mm thick "D" quality, galvanised as per IS-277 with zinc of 120 gm / sq. mtr)				
	a) Outer frames Po-527	mtr	281.00	281.00	281.00
	b) Intermediate mullion Po-528	mtr	314.00	314.00	314.00
	c) Shutter frame Po-153	mtr	233.00	233.00	233.00
	d) Fixed beeding Po-179	mtr	116.00	116.00	116.00
	e) Sliding shutter Po-254	mtr	142.00	142.00	142.00
	f) Outer frames(side / top) Po-255	mtr	177.00	177.00	177.00
	g) Outer frames(bottom) Po-256	mtr	118.00	118.00	118.00
	h) Sliding track (SS) Po-257	mtr	462.00	462.00	462.00
	i) Sashbar Po-101	mtr	436.00	436.00	436.00
	j) Sashbar at shutter Po-107	mtr	236.00	236.00	236.00
	k) Louvered horizontal (Top / bottom) Po-193 A	mtr	118.00	118.00	118.00
	l) 33 x 57 Box Section	mtr	285.00	285.00	285.00
	Accessories				
	a) sliding outer frame assembly / pc	Each	229.00	229.00	229.00
	b) sliding shutter /pc	Each	279.00	279.00	279.00
	c) Sashbar	Each	15.00	15.00	15.00
	d) wall fixing with polymide anchor at every 600mm c/c of outer frame	Each	23.00	23.00	23.00
	e) Outer frame corner	Each	35.00	35.00	35.00
	f) Top hung shutter / pc	Each	304.00	304.00	304.00
	g) Fixed mullion	Each	45.00	45.00	45.00

Sl. No.	Name of items	Unit	Rate for 2007 of Central Zone	Rate for 2007 of Northern Zone	Rate for 2007 of Southern Zone
1	2	3	4	5	6
	h) Fixed glazing	Each	89.00	89.00	89.00
	i) Louvered blade	Each	23.00	23.00	23.00
	j) Side hung door / pc	Each	348.00	348.00	348.00
	k) Door lock / pc	Each	313.00	313.00	313.00
	l) Swing door shutter /pc	Each	174.00	174.00	174.00
	m) Floor Spring (Godrej Make)	Each	2588.00	2588.00	2588.00
	Gasket				
	a) For Shutter Po-153	mtr	33.00	33.00	33.00
	b) For beading Po-179	mtr	43.00	43.00	43.00
	c) For Sashbar Po-101	mtr	95.00	95.00	95.00

NOTES:

- 1) Steel Bars of only manufacturing companies such as SAIL, are to be used in major structures like bridges ,multistoried buildings and water retaining structures. But rerolling steel bars should not be used in any work.
- 2) The cement of the companies having their own manufacturing units in the state of Orissa, are to be used in all works.
- 3) In case of bridge works expansion joints and bearings are to be procured from only specified manufacturing units approved by MORTH,
- 4) Hard stone is to be used in lieu of granite for slope protection work.

I. Stone and Stone Products

- (1) The rates of materials are basic rates excluding cost of conveyance, royalty but including cost of stacking and C.S.T./V.A.T..
- (2) Normally blasted stones should not be used for soling stone where hand broken stones are available.
- (3) The box heaps of 1.5mx 1.5mx 0.44m is to be measured as 1 Cu. M.

II. Wood Work

- (a) The rate of wood work items are equivalent to the rates of Orissa Forest Corporation on the average. If any change to the rates are made by the Forest Corporation the revised rates shall be taken into consideration while arriving at the finished rates.
- (b) For wood works the supply rates as fixed by the Forest Corporation shall prevail over that stated in this schedule of rates.

III. Items under Miscellaneous Head

The rates under the sub-head under the Miscellaneous items are enclosure of labour and cost of all materials and conveyance except where otherwise mentioned in the description of items.

IV. Weight of Cement

14.30 quintals per one Cu. M.

V. Materials under E.P.M./D.G.S. & D.'s Rate

1. In case of item of work or for supply of materials against which rates have been approved by Directorate of Export Promotion and Marketing the same shall be made applicable for adoption in this schedule of rates.

In case of items of work or for supply of materials, against which rates have been approved by the D.G.S & D. the same rate shall be made applicable for adoption in this schedule of rates provided that if the rates of same items of work or for supply of materials are also forced by E.P.M. the E.P.M. rates will prevail over D.G.S. & D.'s rates.

VI. Rate of Cement ,Steel and Bitumen will increase/decrease as mentioned below:

- 1) **Steel : Rate as fixed by Steel Authority of India Limited (SAIL).**
- 2) **Cement : Average factory price of three manufacturers of cement inside the State.**
- 3) **Bitumen : Rate as fixed by Indian Oil Corporation Limited (IOCL).**

II - RATE OF LABOUR

Sl. No	DESCRIPTION	UNIT	RATE in Rs.
1	2	3	4
A	Category unskilled		
1	Male mulia	Per day	70.00
2	Female mulia	Per day	70.00
3	Survey Khalasi/ Chain man	Per day	70.00
4	Scavanger	Per day	70.00
B	Category Semi skilled		
1	Mulia working in water or arduous nature of work	Per day	80.00
2	Night mulia or attendant working in flood and other emergent work	Per day	80.00
3	Mulia for handling hot binder and Tar boiler men	Per day	80.00
4	Sangi mulia	Per day	80.00
5	Pile driving mate(Guide man)	Per day	80.00
6	Mate	Per day	80.00
7	Helper to carpenter or Blacksmith/ Painter/ Blaster/ Plumber/ Electrician/ Fitter/ Welder	Per day	80.00
8	Hammer man	Per day	80.00
9	Thatcher/ Gharami	Per day	80.00
10	Tile turner	Per day	80.00
11	Boat man	Per day	80.00
12	Bhisti	Per day	80.00
13	Well sinker	Per day	80.00
14	Rod binder and bender	Per day	80.00
15	Cleaner/ Sweeper	Per day	80.00
16	Stone packer	Per day	80.00
17	Pump helper	Per day	80.00
18	Watch man(Store)/Gurkha / Security Guard	Per day	80.00
19	Bellow man	Per day	80.00
C	Category Skilled		
1	Blaster(Second class)	Per day	90.00
2	Mason(Second class)	Per day	90.00
3	Black smith (Second class)	Per day	90.00
4	Carpenter(Second class)	Per day	90.00
5	Fitter(Second class)	Per day	90.00
6	Painter/ Polisher(Second class)	Per day	90.00
7	Welder(Second class)	Per day	90.00
8	Plumber(Second class)	Per day	90.00
9	Driller(Second class)	Per day	90.00
10	Stone dresser/ Cutter(Second class)	Per day	90.00
11	Cobbler with tools(Second class)	Per day	90.00
12	Wire man/ Lift operator / Diesel pump driver/ Telephone operator (Second class)		90.00

13	Boring Mistry/ Pipe driver	Per day	90.00
14	Electrician/ Rigger/ Line man/ Telephone attendant/	Per day	90.00
15	Gardener	Per day	90.00
16	Amin	Per day	90.00
17	Tracer	Per day	90.00
18	Jr. progress recorder	Per day	90.00
19	Store keeper Gr.- II/ Store Asst./ Account clerk/ Clerk/ Typist/ Toolkeeper/ Time keeper/ Munsifi	Per day	90.00
D	Category Highly Skilled		
1	Blaster (licensed)	Per day	100.00
2	Mason (special)	Per day	100.00
3	Carpenter(special)	Per day	100.00
4	Blacksmith(special)	Per day	100.00
5	Fitter(special)	Per day	100.00
6	Painter/ Polisher(special)	Per day	100.00
7	Welder(special)	Per day	100.00
8	Plumber(special)	Per day	100.00
9	Driller (Special)	Per day	100.00
10	Stone dresser/ Cutter(special)	Per day	100.00
11	Diver for well sinking in bridge (per shift of four hours.)	Per day	100.00
12	Electrician/ Air conditioned plant operator/ wire man/ Lift operator/ Diesel pump operator (special).	Per day	100.00
13	Jeep driver/ Tractor driver / Truck driver / Dozer driver / Roller driver /Concrete mixture operator / Crane operator	Per day	100.00
14	Auto electrician	Per day	100.00
15	Guiniting Machine operator	Per day	100.00
16	Senior Accountant / Stenographer	Per day	100.00
17	Supervisor / Manager	Per day	100.00
18	Testing Laboratory Assistant / Instrument Mechanic/ Telephone Mechanic.	Per day	100.00
19	Rigger and Cobbler with Tools Driver (Heavy Vehicle)	Per day	100.00

Note :

1. Labour rates for un-skilled, Semi-skilled, Skilled and Highly skilled as are to be fixed from time to time by Labour Department under Minimum Wages Act shall prevail in respect of any category what so ever.
2. The rates for above four categories of labour are inclusive of weekly day of rest.
3. An adult Employee shall work for 8 (Eight) hours per day including half-an-hour of rest.

Sl No.	Description	Unit	Rat in (Rs.)
E.	Other Category (Not covered by the Notification of Labour & Employment Department).		
01	Boring Mistry (Special)	Per Day	100.00
02	Winch operator	Per Day	110.00
03	Well Sinker (Special)	Per Day	170.00
04	Helper to Well Sinker	Per Day	80.00
05	Computer Programmer / Analyzer	Per Month	5000.00
06	Computer Operator	Per Month	4000.00
07	Helper to operator of Heavy construction Machineries	Per Month	3500.00
08	Mechanic for Heavy construction	Per Month	4000.00
09	Helper to mechanic for heavy construction machines.	Per Month	3000.00
10	Operator for Heavy construction	Per Month	5000.00
11	Junior Research Assistant (Technical Assistant)	Per Month	4000.00

III-RATE FOR CONVEYANCE OF MATERIALS

ITEM NO-1. Conveyance of Materials by Ten Tonne Trucks including loading & unloading.

(Rupees in Rs.)

Distance to be carried	Rough stone, metal, khoa, chips, sand, surki, quarry rubbish, moorum laterite stone, washed gravel, flyash & earth (Per 1 cum)	Bricks 23cm= 2500 nos Bricks 25cm= 2000 nos Cement concrete & fly ash blocks 400mmx200mmx200mm= 300 nos 400mmx150mmx200mm= 400 nos 400mmx100mmx200mm= 600 nos 300mmx200mmx150mm= 550 nos 300mmx150mmx150mm= 730 nos 300mmx100mmx150mm= 1100 nos All Kinds of tiles = 180 Sqm (per truck)	Iron, Grills, Cement, Bitumen, A.C sheet, GCI Sheet & Paint etc(per 1000 kg) Wood (per 1.25 cum)		Bulky materials like Machineries, generators, concrete pipe & furniture etc (per Truck)
			Railway station	Other places	
1	2	3	4	5	6
Up to 5 KM	96.00	635.00	103.00	100.00	851.00
Every extra KM beyond 5 KM and up to 50 Km	6.00	27.00	6.00	6.00	28.00
Every extra KM beyond 50 KM	4.00	21.00	5.00	5.00	21.00

Note : Extra percentage to be allowed over the rates

1. For earthen roads or village tracks or cross country tracks, 20 % extra may be allowed on the certificate of Executive Engineer after his inspection and duly approved by Superintending Engineer.
2. For declared ghat road, add extra length of ghat road portion.

ITEM NO. 2: Loading into Trucks and Unloading from trucks (Within 50 m lead) including stacking

Sl. No	Details of materials	Unit	Rate in Rs.
1	Rough stone, metal, khoa, chips, sand, surki, quarry rubbish, moorum, laterite stone, washed gravel, & earth etc.	1 Cum	57.00
2	Iron, grills, cement, Bitumen, A.C sheet, GCI Sheet ,Coke,coal lime etc	1 qtl.	8.00
3	Bricks 23cm= 2500 nos Bricks 25cm= 2000 nos Cement concrete & flyash blocks 400mmx200mmx200mm= 300 nos 400mmx150mmx200mm= 400 nos 400mmx100mmx200mm= 600 nos 300mmx200mmx150mm= 550 nos 300mmx150mmx150mm= 730 nos 300mmx100mmx150mm= 1100 nos All kinds of tiles= 180 Sqm	1 truck load	334.00
4	Bulky material such as a) Hume pipes & furnitures	1 truck load	451.00
	b) Heavy machineries such as compressors ,concrete mixer, hotmix plant etc.	1 truck load	540.00

Note : a) For item no . 1

- i) 2/3 of rate is considered for loading
- ii) 1/3 of rate is considered for unloading

b) for item no 2,3 & 4

- i) 50 % of rate is considered for loading
- ii) 50 % of rate is considered for unloading

ITEM NO. 3 Carriage by Bullock Cart including Loading and Unloading

Sl. No	Distance to be carried.	Unit	Rate in Rs.
1	First KM	1 cart load	49.00
2	Subsequent KM	1 cart load	25.00

ITEM NO. 4 Unloading from Railway wagon and loading into trucks

Sl. No	Details of materials.	Unit	Rate in Rs.
1	Unloading from Railway wagon and stacking on platform 1.0 m in clear of rails within 15 m lead a) Cement, Bitumen, coal, paint etc	1 Qtl.	1.20
	b) Steel, A.C sheet, GCI Sheet , etc	1 Qtl.	4.30
2	Removing from railway platform and loading into trucks a) Cement, Bitumen, coal, paint etc	1 Qtl.	1.20
	b) Steel, A.C sheet, GCI Sheet , etc	1 Qtl.	4.30

ITEM NO. 5 Conveyance by Head load including loading & unloading and stacking.

Sl. No	Distance to be carried.	Rough stone, metal, khoa, chips, sand, surki, quarry rubbish, moorum, laterite stone, moorum, washed gravel, fly ash & earth per cum	Iron, grills, cement, lime, Bitumen, A.Csheet, GCI Sheet ,paint etc (per 1 quintal), wood(per 0.125 cum)
1	2	3.	4
		Rate in Rs.	Rate in Rs.
1	Up to 50 mtr.	24.00	6.00
2	Beyond 50 mtr and upto 100 mtr	28.00	9.00
3	Beyond 100 mtr and upto 150 mtr	37.00	13.00

ITEM NO. 6 Conveyance by Boat including loading & unloading

Distance to be carried.	Rough stone, metal, khoa chips, sand, surki, quarry rubbish, moorum laterite stone, moorum, washed gravel, fly ash & earth (per cum)	Bricks 23cm= 2500 nos Bricks 25cm= 2000 nos Cement concrete & flyash blocks 400mmx200mmx200mm= 300nos 400mmx150mmx200mm= 400 os 400mmx100mmx200mm=600 nos 300mmx200mmx150mm=550 nos 300mmx150mmx150mm=730 nos 300mmx100mmx150mm=1100 nos All kind of Tiles=180 Sqm	Iron, grills, cement, lime, Bitumen, A.Csheet, GCI Sheet &, paint etc (per 1 quintal)wood(per0.125 cum)
1	2	3	4
	Rate in Rs.	Rate in Rs.	Rate in Rs.
A) In River	36.00	213.00	6.00
i)Up to 5 KM.			
ii)Every extra KM beyond 5.00 Km and upto 16 KM	4.00	19.00	0.60
iii)Every extra KM beyond 16 KM	2.00	14.00	0.50
B) In canal			
i)Up to 5 KM.	25.00	181.00	5.00
ii)every extra KM beyond 5.00 Km and upto 16 KM	4.00	15.00	0.70
iii)every extra KM beyond 16 KM	2.00	12.00	0.60

Item No.7 Capacity of Trucks.

Sl. No.	Description of Items	Capacity
1	2	3
1.	Rough stone and cut laterite stones	
i).	Rough stone(Boulders)	4.00 Cum
ii)	Cut laterite stone	5.00 Cum
2.	Gravel, sand & surki	5.50 Cum
3.	Cut stone (granite & hard stone)	5.50 Cum
4.	Lime	5.50 Cum
5.	Wood	5.00 Cum
6. a)	Bricks 25 cm	2000 Nos
b)	Bricks 23 cm	2500 Nos
c)	Cement concrete & flyash blocks	
	400mm x 200mm x 200mm	300 Nos
	400mm x 150mm x 200mm	400 Nos
	400mm x 100mm x 200mm	600 Nos
	300mm x 200mm x 150mm	550 Nos
	300mm x 150mm x 150mm	730 Nos
	300mm x 100mm x 150mm	1100 Nos
d)	All kinds of tiles	180 Sqm
7.	Iron, tar, pitch and other materials considered by weight	7.00 tonnes
8.	Cement	8.00 tonnes
9.	Straw for thatching	1000 Nos or 100 head loads or 50 Bhar loads
10.	Bamboos	30 Bhar loads
11.	Hume pipe up to 600mm diameter	5 Nos.
12.	Hume pipe 900mm & above diameter	3 Nos.

Note:

Where materials are to be conveyed by head loads or by pack animals, rates are to be worked out on actual analysis and approved by the Superintending Engineer.

Item No. 8: Head Loads

Sl.No.	Description of Items	Capacity
1	2	3
1.	Each head load of straw	1 bundle of 1.5 mtr. in girth
2.	Each bhar load of straw	2 bundle of 1.5 mtr. in girth
3.	Each head load of bamboo	Belangi 10 Nos., muli 3 nos
4.	Each bhar load of bamboo	Belangi 20 Nos., muli 6 nos

Item No -9 : Cart Load of Materials

Sl No	Description of Items	Quantity per cart load	
		Plain Road	Hilly Road
1	2	3	4
1.	Rough stone cut laterite stone	0.28 cum	0.23 cum
2.	Gravel , Sand & Surki	0.36 cum	0.28 cum
3.	Cut Stone (granite & hard Stone)	0.20 cum	0.15 cum
4.	Lime and wood	0.60 cum	0.42 cum
5.	Bricks	200 nos	150 nos
6.	Cement concrete & flyash blocks		
	400mm x 200 mm x 200 mm	30 nos	22 nos
	400mm x 150 mm x 200 mm	40 nos	30 nos
	400mm x 100 mm x 200 mm	60 nos	45 nos
	300mm x 200 mm x 150 mm	55 nos	41 nos
	300 mmx 150 mmx150 mm	73 nos	55 nos
	300 mmx100 mmx150 mm	110 nos	82 nos
7.	Pan tiles	1000 nos	800 nos
8.	Flat tiles		
	i) 15cmx15cmx1.25cm	2000 nos	1600 nos
	ii) 30cmx15cmx2.5cm	500 nos	400 nos
	iii) 30cmx30cmx2.5cm	250 nos	200 nos
9.	Nuria Tiles – 20 cm x 25 cm	800 nos	600 nos
10.	Mangalore and Ranigang tiles	250 nos	200 nos
11.	Iron , Cement,tar,Pitch and other materials by weight	454 kg	363 kg

Note :- The rates of conveyance of materials are exclusive of voids of materials.

IV-HIRE CHARGES OF PLANTS AND MACHINERIES

SI. No.	DESCRIPTIONS		USAGE RATES IN RS.		
	Machine	Activity	Output	Unit	Rate
1	Dozer D-50 -A 15	Spreading	200cum/hour	per hour	1592.00
		Cutting	100cum/hour	per hour	
		Cleaning	150cum/hour	per hour	
2	Dozer D-80-A 12	Spreading	300cum/hour	per hour	2190.00
		Cutting	150cum/hour	per hour	
		Cleaning	250cum/hour	per hour	
3	Motor Grader 3.35meter blade	Clearing	200cum/hour	per hour	1545.00
		Spreading	200cum/hour	per hour	
		GSB	50cum/hour	per hour	
		WMM	50cum/hour	per hour	
4	Tractor with ordinary grader			per hour	251.00
5	Hydraulic Excavator of 1cum bucket	Soil ordinary	60cum/hour	per hour	840.00
		Soil Marshy	60cum/hour	per hour	
		Soil unsuitable	60cum/hour	per hour	
6	Hydraulic Excavator of 2cum bucket	Soil		per hour	1766.00
7	Front End loader 1 cum bucket capacity	Soil loading	60cum/hour	per hour	520.00
		Aggregate loading	25cum/hour	per hour	
8	Tipper-5cum	Transportation of soil, GSB, WMM, Hotmix etc.	5.5cum	per km.	24.00
				per tonne.km	2.00
				per hour	506.00
9	Vibratory Roller 8-10 tonne	Earth/soil	100cum/hour	per hour	994.00
		GSB	60cum/hour	per hour	
		WMM	60cum/hour	per hour	
10	Smooth wheeled Roller 8 -10 tonne	Soil compaction	70cum/hour	per hour	320.00
		BM compaction	25cum/hour	per hour	
11	Sheep foot Roller	Soil compaction		per hour	60.00
12	Truck mounted water tanker	Water transport	6KL	per hour	506.00
13	Tractor	Pulling	50HP	per hour	231.00
14	Rotavator	Mixing	25cum/hour	per hour	11.00
15	Ripper	Scarifying	60cum/hour	per hour	18.00
16	Air Compressor	General purpose	170/250cfm	per hour	206.00
17	Diesel Compressor		400cfm	per hour	774.00

18	Diesel Compressor		300cfm	per hour	658.00
19	Electrical Compressor		500cfm	per hour	432.00
20	Wet Mix Plant 60 TPH	Wet Mix	25cum/hour	per hour	777.00
21	Wet Mix Plant 75 TPH	Wet Mix	34cum/hour	per hour	1036.00
22	Mechanical broom hydraulic	Surface cleaning	1250sqm/hour	per hour	230.00
23	Bitumen pressure distributor	Applying bitumen tack coat	1750sqm/hour	per hour	692.00
24	Emulsion pressure distributor	Applying emulsion tack coat	1750sqm/hour	per hour	516.00
25	Hotmix plant -120 TPH	DBM/BM/SDC/Premix	40cum/hour	per hour	15100.00
26	Hotmix plant -100 TPH	DBM/BM/SDC/Premix	30cum/hour	per hour	11167.00
27	Hotmix plant -60 to 90TPH	DBM/BM/SDC/Premix	25cum/hour	per hour	8930.00
28	Hotmix plant -40 to 60TPH	DBM/BM/SDC/Premix	17cum/hour	per hour	7150.00
29	Hotmix plant -8 to 10TPH	Premix	cum/hour	per hour	1025.00
30	Paver Finisher Hydrostatic with sensor control 100 TPH	Paving of DBM /BM /SDC/Premix	40cum/hour	per hour	1725.00
31	Paver Finisher Mechanical 100 TPH	Paving of WMM/PMC	40cum/hour	per hour	739.00
		Paving of DLC	30cum/hour	per hour	
32	Paver Finisher Mechanical	Paving of DLC	75cum/hour	per hour	1846.00
33	Hydraulic Chips Spreader	Surface Dressing	1500sqm/hour	per hour	1700.00
34	Tandem Road Roller	Rolling of Asphalt surface	30cum/hour	per hour	738.00
35	Pneumatic Road Roller	Rolling of Asphalt surface	25cum/hour	per hour	802.00
36	Pot hole repair machine	Repair of pot holes	4cum/hour	per hour	585.00
37	Bitumen boiler oil fired	Bitumen spraying	1500Litre	per hour	128.00
38	Tar boiler	Bitumen spraying		per hour	74.00
39	GSB Plant 50 cum	Producing GSB	40cum/hour	per hour	670.00
40	Mastic Cooker	Mastic Wearing Coat	1tonne	per hour	1442.00
41	Batching and Mixing plant 15-20cum	Concrete Mixing	13cum/hour	per hour	1200.00
42	Batching and Mixing plant 30cum	Concrete Mixing	20cum/hour	per hour	1440.00
43	Batching and Mixing plant 112.5cum	Concrete Mixing	75cum/hour	per hour	2760.00
44	Batching and Mixing plant 262.5cum	Concrete Mixing	175cum/hour	per hour	5160.00
45	Transit Mixer	Transportation of concrete mix to site	4.5cum/hour	per hour	600.00
			3cum/hour	per hour	550.00
46	Grout pump			per hour	62.00
47	Concrete pump of 45 & 30 cum	Pumping Concrete	33cum/hour 22cum/hour	per hour	165.00

48	Pump with 5HP diesel engine	Pumping of Water		per hour	58.00
49	Pump with 10HP diesel engine	Pumping of Water		per hour	98.00
50	Pump with 20HP diesel engine	Pumping of Water		per hour	152.00
51	Pump with 40HP diesel engine	Pumping of Water		per hour	255.00
52	Pump with 40HP electrical			per hour	145.00
53	Pump with 50HP electrical			per hour	179.00
54	Cranes 80 tonnes	Lifting purpose		per hour	825.00
55	Cranes 35 tonnes	Lifting purpose		per hour	550.00
56	Cranes 3 tonnes	Lifting purpose		per hour	230.00
57	Crawler mounted Crane (18T)	Lifting purpose		per hour	1660.00
58	Tower Crane	Lifting purpose		per hour	501.00
59	Welding transformer	Welding		per hour	79.00
60	Gunning machine without compressor			per hour	91.00
61	Mechanical Winch (10T)			per hour	224.00
62	Power Winch (40HP)			per hour	220.00
63	Concrete Bucket	For pouring concrete	1cum	per hour	10.00
64	Kerb casting machine	Kerb making	80RM/hour	per hour	200.00
65	Concrete Mixer a)04/0.28 cum b)01cum	Concrete Mixing	2.5cum/hour	per hour	161.00
			7.5cum/hour	per hour	
66	Vibrator (3HP diesel)	Compacting Concrete		per hour	95.00
67	Piling Rig with Bantonite Pump	0.75m dia to 1.2m dia Boring Attachment	2 to 3RM/hour	per hour	3525.00
68	Concrete Paver Finisher with 40HP Motor	Paving of Concrete Surface	20cum/hour	per hour	1850.00
69	Integrated stone crusher	Crushing of Spalls	100TPH	per hour	5590.00
		Crushing of Spalls	200TPH	per hour	11760.00
70	Stone crusher (electrical)	Crushing of Spalls		per hour	176.00
71	Crushing & processing plant (electrical)			per hour	228.00
72	Concrete Paver Finisher with 40HP Motor	Paving of Concrete Surface	175cum/hour	per hour	16188.00
73	Prestressing Jack with Pump & Access	Stressing of Steel Wires/Stand		per hour	83.00
74	Generator 100KVA	Generation of Electric Energy	100KVA	per hour	450.00
75	Generator 250KVA	Generation of Electric Energy	100KVA	per hour	1125.00
76	Generator 33KVA	Generation of Electric Energy	50KVA	per hour	240.00
77	Generator 40KVA	Generation of Electric Energy	KVA	per hour	386.48
78	Generator 125KVA	Generation of Electric Energy	KVA	per hour	823.00
79	Pneumatic Sinking Plant	Pneumatic Sinking of wells	1.5 to 2.0 cum/hour	per hour	2690.00

80	Truck 5.5cum per 10 tonnes	Material Transport	4.5cum	Per Km.	20.00
				per tonne.km	2.00
				per hour	506.00
81	Road Marking machine	Road marking	100sqm/hour	per hour	60.00
82	Mobile Slurry Seal Equipment	Mixing and laying slurry seal	2700sqm/hour	per hour	650.00
83	Wagon drill			per hour	128.00
84	Dimond drill			per hour	338.00
85	Inwell rings			per hour	72.00
86	Jack hammer			per hour	8.00
87	Pneumatic rammer			per hour	13.00
88	Pusher leg			per hour	5.00