

Government of Odisha
Works Department

Office Memorandum

File No.07559600022014- 12845 W, Dated, 10.11.14

Sub- Schedule of Rates-2014.

Consequent upon rising of market price of materials and enhancement of labour rate from time to time issued by Labour & Employees and State Insurance Department, it was felt necessary to revise the existing Schedule of Rates. Further, it was also felt necessary to prepare the Schedule of Rate for 13 (thirteen) undivided Districts instead of 3 RDC Zones basing on geographical location. After careful consideration Government have been pleased to approve Schedule of Rates-2014 for 13 (thirteen) undivided Districts and Addendum to Chapter-XVII of Road Work of Schedule of Rates-2006 for 2014 as item-58 and Addendum to Chapter-XIII of Road Work of Analysis of Rates-2006 for 2014 as item-58.

1. The new Schedule of Rates-2014 and its supporting Analysis of Rates for 2014 are effective from the date of issue of this order and it will be available in web-site of State Government.
2. This has been concurred in by the Finance Department vide their U.O.R. No.160-WF-I Dt.05.06.2014.

Encl: As above

J. K. Das
10/11/14
EIC - cum- Secretary to Government

Memo No. 12846 W, Dated, 10.11.14

Copy with copy of the Schedule of Rates-2014 forwarded to P. S. to Hon'ble Chief Minister, Odisha for information and necessary action.

J. K. Das
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12847 W, Dated, 10.11.14

Copy with copy of the Schedule of Rates-2014 forwarded to OSD to Chief Secretary, Odisha/ P.S. to Development Commissioner- cum-Additional Chief Secretary, Odisha/ P.S.to Additional Chief Secretary, Finance for information and necessary action.

J. K. Das
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12848

W, Dated, 10.11.14

Copy forwarded to EIC (Civil), Odisha /EIC, Water Resources, Odisha/ EIC, Rural Works, Odisha / EIC, PH, Odisha / EIC-cum-Chief Electrical Inspector, Odisha/ FA-cum-Addl. Secy. to Govt., R.D. Deptt./ FA-cum-Addl. Secy. to Govt., Water Resources Deptt./ FA-cum-Addl. Secy. to Govt., H.&U.D. Deptt./ FA-cum-Joint Secy. to Govt., Energy Deptt./ Special Officer-cum-Joint Secy. to Govt., Fin. Deptt./ Chief Engineer, World Bank Project, Odisha/ Chief Engineer, DPI & Roads, Odisha/ Chief Engineer, Buildings, Odisha/ Chief Engineer, National Highways, Odisha/ Chief Engineer, Directorate of designs, Odisha/ Chief Manager, (Tech), State Procurement Cell, Odisha / Chief Architect, Odisha/ Chief Engineer, Water Resources, Odisha/ Chief Engineer, R.W.-I, Odisha/ Chief Engineer, R.W.-II, Odisha/ Chief Engineer, P.H.(Urban), Odisha/ Chief Engineer, Electricity, Odisha for information and wide circulation among subordinate offices.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12849

W, Dated, 10.11.14

Copy forwarded to Finance Department/ Department of Water Resources/ Housing & Urban Development Department/ Rural Development Department/ Panchayati Raj Department/ All other Departments/ Managing Director, OB & CC Ltd., Bhubaneswar / Managing Director, OCC Ltd., Bhubaneswar for information and necessary action.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12850

W, Dated, 10.11.14

Copy forwarded to the Principal Accountant General (A&E), Odisha, Bhubaneswar/ Principal Accountant General, Odisha, Puri Branch, Puri for information and necessary action.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12851 W, Dated, 10.11.14

Copy forwarded to the Chief Engineer, RD & QP (R&B) and Chairman, Rate Board, Odisha, Bhubaneswar / Superintending Engineer (P&D), O/o the EIC (Civil), Odisha and Member Convenor, Rate Board, Odisha for information and necessary action.

The S.E. (P&D) is requested to pursue the matter of display of the Schedule of Rates-2014 in the web-site of State Government & publication in next issue of Odisha Gazette with the Head, State Portal Group, IT Centre, Ground Floor, North Annexe of Secretariat and the Director, Printing, Stationary & Publication, Orissa, Cuttack respectively.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12852 W, Dated, 10.11.14

Copy with soft copy of Schedule of Rates-2014 forwarded to the Director, Printing, Stationary & Publication, Orissa, Cuttack & the Head, State Portal Group, IT Centre, Ground Floor, North Annexe of Secretariat for information and necessary action.

They are requested to publish this Schedule of Rates-2014 in the next issue of Orissa Gazette & display this amendment in the web-site of State Government respectively.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12853 W, Dated, 10.11.14

Copy forwarded to all Superintending Engineers(R&B) / all Executive Engineers(R&B) for information and necessary action.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government

Memo No. 12854 W, Dated, 10.11.14

Copy forwarded to A/C-I Section / A/C-II Section / Road Section / Plan Section / Building Section / Budget Section / N.Hs. Section / FC & AA Section / PPP Cell / EAP Cell, Works Department for information and necessary action.

Jahulu
10/11/2014
FA - cum- Addl. Secretary to Government



GOVERNMENT OF ODISHA

**BASIC RATE OF MATERIALS FOR
THIRTEEN UN-DIVIDED DISTRICTS,
RATE OF LABOUR, CONVEYANCE AND
HIRE CHARGES OF PLANTS AND
MACHINERIES**

FOR -2014

WORKS DEPARTMENT

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CHAPTER - I
BASIC RATE OF MATERIALS FOR 2014 (FOR THIRTEEN UN-DIVIDED DISTRICTS)

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasore	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	1000 Nos	3630.00	3700.00	3795.00	3550.00	3265.00	3381.00	3215.00	3381.00	3240.00	3080.00	3542.00	3369.00	3542.00
2	Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	1000 Nos	3267.00	3400.00	3415.00	3415.00	3010.00	3076.00	2915.00	3076.00	2950.00	3352.00	3352.00	3204.00	3352.00
3	K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 8 percent.	1000 Nos	5692.00	5450.00	5692.00	5225.00	4300.00	4324.00	4113.00	4324.00	4140.00	4019.00	4621.00	4411.00	4621.00
4	K.B. bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 8 percent.	1000 Nos	4840.00	4750.00	5050.00	5060.00	3795.00	3910.00	3700.00	3910.00	3890.00	4069.00	3943.00	3947.00	4069.00
5	Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	1000 Nos	4870.00	4600.00	5290.00	4910.00	4750.00	4200.00	4550.00	4625.00	4590.00	4180.00	4625.00	4807.00	4598.00
6	Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	1000 Nos	4147.00	4450.00	4639.00	4680.00	4300.00	4000.00	4120.00	4172.00	4120.00	4000.00	4093.00	4107.00	4114.00
7	Fly ash blocks of 30 Cm. x 20 Cm. x 15 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	Each	15.00	16.00	16.00	16.00	17.00	17.00	16.00	17.00	17.00	13.00	14.00	14.00	14.00
8	Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75ka/cm2														
a.	400mm x 200mm x 200mm size	Each	28.00	28.00	28.00	28.00	31.00	31.00	30.00	30.00	30.00	25.00	28.00	28.00	28.00
b.	400mm x 150mm x 200mm size	Each	22.00	23.00	23.00	23.00	23.00	23.00	22.00	23.00	22.00	20.00	23.00	23.00	23.00
c.	400mm x 100mm x 150mm size	Each	15.00	16.00	16.00	16.00	17.00	17.00	17.00	17.00	17.00	14.00	16.00	16.00	16.00
d.	300mm x 200mm x 150mm size	Each	17.00	16.00	17.00	17.00	19.00	19.00	19.00	19.00	19.00	18.00	20.00	20.00	20.00
e.	300mm x 150mm x 150mm size	Each	14.00	14.00	14.00	14.00	16.00	16.00	16.00	16.00	15.00	13.00	14.00	14.00	14.00
f.	300mm x 100mm x 150mm size	Each	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	11.00	12.00	12.00	12.00
9	Cement concrete Hollow Blocks machine mixed and Hydraulic compressed having crushing strength not less than 70kg/cm2														
a.	400mm x 200mm x 200mm size	Each	25.00	26.00	26.00	26.00	26.00	24.00	25.00	26.00	25.00	24.00	27.00	27.00	27.00
b.	400mm x 150mm x 200mm size	Each	19.00	20.00	20.00	20.00	20.00	19.00	20.00	20.00	20.00	16.00	18.00	18.00	18.00
c.	400mm x 100mm x 200mm size	Each	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	16.00	16.00	16.00
d.	300mm x 200mm x 150mm size	Each	14.00	14.00	14.00	14.00	14.00	12.00	14.00	14.00	14.00	14.00	16.00	16.00	16.00
e.	300mm x 150mm x 150mm size	Each	13.00	13.00	13.00	13.00	14.00	12.00	14.00	14.00	14.00	12.00	13.00	13.00	13.00
f.	300mm x 100mm x 150mm size	Each	10.00	10.00	10.00	10.00	12.00	11.00	12.00	12.00	12.00	9.00	10.00	10.00	10.00
10	K.B. bricks Khoa 4 Cm.size	1 Cum	351.00	379.00	379.00	375.00	350.00	350.00	343.00	350.00	335.00	346.00	325.00	346.00	346.00
11	Clamp burnt brick Khoa 4 cm. size.	1 Cum	302.00	305.00	331.00	331.00	284.00	284.00	268.00	284.00	272.00	282.00	278.00	282.00	282.00
12	Surki of clamp burnt bricks.	1 Cum	420.00	410.00	453.00	422.00	434.00	446.00	425.00	438.00	427.00	460.00	438.00	478.00	478.00

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasore	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
13	Surki of Kiln burnt bricks.	1 Cum	436.00	420.00	472.00	438.00	493.00	493.00	470.00	476.00	470.00	490.00	485.00	499.00	499.00
14	Screen washed gravel for concrete (12mm. to 20mm.)	1 Cum	145.00	140.00	151.00	141.00	135.00	120.00	128.00	135.00	130.00	145.00	148.00	148.00	148.00
15	Gravel or moorum	1 Cum	48.00	48.00	50.00	50.00	50.00	50.00	47.00	50.00	50.00	50.00	50.00	50.00	50.00
16	Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	1 Cum	85.00	80.00	88.00	88.00	88.00	88.00	84.00	88.00	77.00	101.00	101.00	101.00	101.00
17	River single or Bajri (12mm. to 20mm.)	1 Cum	97.00	95.00	97.00	97.00	103.00	95.00	98.00	103.00	100.00	119.00	118.00	119.00	119.00
18	Screened and washed sharp sand for mortar	1 Cum	51.00	49.00	52.00	52.00	55.00	55.00	53.00	55.00	55.00	59.00	59.00	59.00	59.00
19	Sand for filling and road blinding	1 Cum	45.00	44.00	47.00	47.00	48.00	48.00	46.00	48.00	46.00	56.00	56.00	56.00	56.00
20	Clay mortar for masonry work with admixture of sand.	1 Cum	50.00	49.00	51.00	51.00	55.00	52.00	54.00	55.00	53.00	51.00	51.00	51.00	51.00
21	Stone lime unslaked.	1 Kg.	14.00	14.00	14.00	14.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00
22	Ghooting lime unslaked.	1 Kg.	19.00	18.00	19.00	19.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
23	Shell lime unslaked.	1 Kg.	17.00	16.00	17.00	17.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
24	a) Granite broken stone of size not less than 0.0025 Cum. Stacked	1 Cum.	236.00	230.00	246.00	246.00	254.00	254.00	243.00	254.00	245.00	281.00	281.00	281.00	281.00
	b) Granite stone of size not less than 0.0025 Cum. picked up.	1 Cum.	206.00	200.00	215.00	215.00	231.00	231.00	220.00	231.00	220.00	230.00	230.00	230.00	230.00
25	Stone other than granite quarried, broken and staked 0.0015 Cum to 0.003 Cum	1 Cum.	194.00	191.00	202.00	202.00	207.00	207.00	198.00	207.00	200.00	198.00	198.00	198.00	198.00
26	Stone other than granite picked up and staked 0.0015 Cum. to 0.003 Cum	1 Cum.	170.00	166.00	177.00	177.00	182.00	182.00	172.00	182.00	175.00	195.00	195.00	195.00	195.00
27	Stone other than granite quarried, broken and staked above 0.003 Cum	1 Cum.	182.00	175.00	189.00	189.00	192.00	192.00	180.00	192.00	185.00	194.00	194.00	194.00	194.00
28	Stone other than granite picked up, broken and staked above 0.003 Cum	1 Cum.	170.00	166.00	177.00	177.00	187.00	187.00	175.00	187.00	180.00	196.00	196.00	196.00	196.00
29	Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve.														
	a) Crusher broken.	1 Cum.	642.00	650.00	683.00	683.00	698.00	698.00	655.00	694.00	670.00	725.00	744.00	711.00	744.00
	b) Hand broken.	1 Cum.	517.00	518.00	543.00	543.00	543.00	543.00	505.00	543.00	520.00	565.00	565.00	565.00	565.00
30	Granite Stone broken metal 45mm. size (Passing through 53mm sieve & retained on 26.5mm sieve)														
	a) Crusher broken.	1 Cum.	665.00	671.00	708.00	690.00	721.00	721.00	683.00	721.00	670.00	780.00	780.00	736.00	780.00
	b) Hand broken.	1 Cum.	516.00	514.00	546.00	546.00	558.00	558.00	533.00	558.00	535.00	592.00	592.00	541.00	592.00
31	Granite Stone broken metal 40mm. size														
	a) Crusher broken.	1 Cum.	745.00	742.00	784.00	720.00	780.00	780.00	740.00	780.00	745.00	790.00	806.00	761.00	806.00
	b) Hand broken.	1 Cum.	595.00	593.00	625.00	625.00	634.00	634.00	595.00	634.00	610.00	645.00	645.00	609.00	645.00
32	Granite Stone broken metal 26.5mm. size (Passing through 45mm sieve & retained on 22.4mm sieve)														
	a) Crusher broken.	1 Cum.	785.00	796.00	834.00	795.00	803.00	803.00	760.00	803.00	770.00	850.00	856.00	856.00	856.00
	b) Hand broken.	1 Cum.	598.00	602.00	632.00	625.00	639.00	556.00	605.00	639.00	610.00	655.00	655.00	655.00	655.00
33	Granite Stone broken metal 25mm. size (Passing through 40mm sieve & retained on 20mm sieve)														
	a) Crusher broken.	1 Cum.	800.00	809.00	847.00	835.00	829.00	829.00	788.00	829.00	795.00	878.00	878.00	878.00	878.00
	b) Hand broken.	1 Cum.	610.00	615.00	645.00	640.00	677.00	589.00	640.00	677.00	645.00	703.00	703.00	703.00	703.00

J. Mohan

-2-

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasore	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
34	Granite Stone broken metal 22.4mm. size (Passing through 26.5mm sieve & retained on 11.2mm sieve)														
	a) Crusher broken.	1 Cum.	830.00	829.00	872.00	855.00	853.00	853.00	800.00	853.00	815.00	900.00	916.00	916.00	916.00
	b) Hand broken.	1 Cum.	636.00	617.00	670.00	670.00	699.00	608.00	640.00	699.00	670.00	737.00	737.00	737.00	737.00
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.	1050.00	1058.00	1113.00	1113.00	1139.00	1130.00	1080.00	1120.00	1090.00	1147.00	1147.00	1099.00	1147.00
	b) Hand broken.	1 Cum.	824.00	802.00	865.00	865.00	939.00	817.00	883.00	924.00	895.00	929.00	929.00	920.00	929.00
36	Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve)														
	a) Crusher broken.	1 Cum.	1085.00	1076.00	1138.00	1138.00	1145.00	1145.00	1088.00	1145.00	1095.00	1155.00	1155.00	1103.00	1155.00
	b) Hand broken.	1 Cum.	837.00	841.00	885.00	885.00	946.00	823.00	888.00	946.00	905.00	944.00	944.00	927.00	944.00
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)														
	a) Crusher broken.	1 Cum.	1101.00	1100.00	1151.00	1151.00	1168.00	1150.00	1098.00	1159.00	1120.00	1185.00	1185.00	1117.00	1185.00
	b) Hand broken.	1 Cum.	851.00	852.00	898.00	898.00	957.00	833.00	900.00	957.00	915.00	959.00	959.00	934.00	959.00
38	Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve)														
	a) Crusher broken.	1 Cum.	1126.00	1102.00	1163.00	1163.00	1198.00	1150.00	1133.00	1173.00	1145.00	1246.00	1246.00	1146.00	1246.00
	b) Hand broken.	1 Cum.	870.00	880.00	923.00	923.00	967.00	841.00	913.00	967.00	925.00	976.00	976.00	942.00	976.00
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.	1125.00	1120.00	1176.00	1176.00	1215.00	1150.00	1145.00	1206.00	1165.00	1254.00	1254.00	1150.00	1254.00
	b) Hand broken.	1 Cum.	865.00	880.00	923.00	923.00	967.00	841.00	913.00	967.00	925.00	976.00	976.00	942.00	976.00
(A)	Granite Stone broken chips 6.7mm size (Passing through 11.2mm sieve & retained on 2.8mm sieve)	1 Cum.	752.00	740.00	776.00	790.00	811.00	800.00	765.00	811.00	775.00	790.00	814.00	814.00	814.00
(B)	Granite Stone screening (Passing through 2.36mm sieve & retained on 180 micron sieve)	1 Cum.	660.00	660.00	695.00	695.00	719.00	600.00	675.00	719.00	690.00	700.00	730.00	727.00	734.00
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.	680.00	670.00	708.00	708.00	742.00	742.00	698.00	742.00	710.00	725.00	745.00	749.00	754.00
41	Stone other than granite broken to 5cm. size.	1 Cum.	254.00	250.00	265.00	265.00	279.00	243.00	260.00	279.00	270.00	290.00	290.00	290.00	290.00
42	Stone other than granite broken to 4 cm. size.	1 Cum.	260.00	257.00	271.00	271.00	292.00	254.00	273.00	292.00	280.00	303.00	303.00	303.00	303.00
43	Stone other than granite broken to 2 cm. size.	1 Cum.	278.00	274.00	290.00	290.00	323.00	281.00	300.00	323.00	309.00	310.00	328.00	328.00	328.00
44	Stone other than granite broken to 1cm. size.	1 Cum.	290.00	288.00	303.00	270.00	333.00	290.00	310.00	333.00	319.00	330.00	354.00	354.00	354.00
45	Stone boulder 15cm. & above size granite picked up and nullah boulders.	1 Cum.	151.00	149.00	157.00	157.00	140.00	140.00	133.00	140.00	135.00	139.00	139.00	139.00	139.00
46	Soiling stone boulder 15cm. & above size picked up nullah boulders broken.	1 Cum.	157.00	152.00	164.00	164.00	158.00	158.00	148.00	158.00	152.00	164.00	164.00	164.00	164.00

Signature

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasure	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
47	Stone boulder 15cm. & above size other than granite or laterite picked up and nullah boulders.	1 Cum.	121.00	120.00	126.00	126.00	132.00	132.00	121.00	132.00	127.00	133.00	133.00	133.00	133.00
48	Soiling stone boulder 15Cm. & above size other than granite or laterite picked up nullah boulders broken.	1 Cum.	133.00	132.00	139.00	139.00	142.00	142.00	133.00	142.00	136.00	148.00	148.00	148.00	148.00
49	Soling stone boulders 10 Cm. size picked up other than granite.	1 Cum.	121.00	119.00	126.00	126.00	131.00	131.00	123.00	131.00	125.00	135.00	135.00	135.00	135.00
50	Hard broken soling stone other than granite (40mm. to 90mm.)	1 Cum.	194.00	191.00	202.00	202.00	207.00	180.00	195.00	207.00	198.00	215.00	215.00	215.00	215.00
51	I.R.C. Grade I (90mm-45 mm.)	1 Cum.	629.00	627.00	657.00	650.00	645.00	645.00	602.00	645.00	617.00	670.00	670.00	670.00	670.00
52	I.R.C. Grade II (63mm. to 45mm.)	1 Cum.	702.00	695.00	733.00	733.00	710.00	710.00	668.00	710.00	680.00	742.00	713.00	742.00	742.00
53	I.R.C. Grade III (53mm. to 22.4mm.)	1 Cum.	750.00	740.00	784.00	755.00	769.00	769.00	713.00	769.00	735.00	803.00	803.00	803.00	803.00
54	Laterite soling stone 23Cm. size	1 Cum.	102.00	100.00	106.00	105.00	103.00	94.00	99.00	108.00	103.00	113.00	113.00	113.00	113.00
55	Laterite Stone rough dressed	1 Cum.	565.00	572.00	607.00	570.00	558.00	507.00	530.00	579.00	560.00	640.00	642.00	642.00	642.00
56	Bamboo mat or talai.	1 Sqm.	121.00	118.00	126.00	118.00	133.00	133.00	123.00	133.00	128.00	135.00	135.00	135.00	129.00
57	Bamboo 1ST class 7Cm. to 10Cm. dia & above 6m. long.	Each	133.00	128.00	139.00	139.00	148.00	148.00	138.00	148.00	142.00	157.00	157.00	157.00	148.00
58	a) Belongi Bomboo 2.51 Cm. to 4Cm. dia & above 5m. long.	Each	30.00	30.00	31.00	31.00	27.00	27.00	26.00	27.00	26.00	26.00	26.00	26.00	25.00
	b) Belongi Bomboo above 4Cm. dia & up to 7Cm. dia & above 5m. long.	Each	40.00	39.00	41.00	41.00	40.00	40.00	38.00	40.00	39.00	40.00	40.00	40.00	38.00
59	Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	1Mtr	101.00	100.00	105.00	100.00	104.00	104.00	97.00	104.00	100.00	108.00	107.00	108.00	102.00
60	Sal bullahs 150mm. to 200mm. mean dia up to 5.5m. long.	1Mtr	113.00	108.00	118.00	108.00	111.00	111.00	103.00	111.00	107.00	119.00	119.00	119.00	112.00
61	Sal bullahs above 200mm. & up to 250mm. mean dia & up to 2.75m. long.	1Cum.	8754.00	8792.00	9209.00	8505.00	9664.00	8525.00	8943.00	9622.00	9245.00	9428.00	9321.00	9400.00	8910.00
62	Sal bullahs above 200mm. & up to 250mm. mean dia above 2.75m. long & up to 4.75m. long.	1Cum.	9922.00	9900.00	10373.00	9311.00	10640.00	10640.00	10110.00	10589.00	10178.00	10869.00	10536.00	10942.00	10276.00
63	Sal bullahs above 200mm. & up to 250mm. mean dia above 4.75m. long	1Cum.	11129.00	11100.00	11891.00	10725.00	12279.00	12279.00	11655.00	11873.00	11745.00	12565.00	12197.00	11720.00	11821.00
64	Sal bullahs above 250mm. & up to 380mm. mean dia & up to 2.75m. long	1Cum.	12766.00	12680.00	13345.00	12200.00	13805.00	13805.00	13079.00	13603.00	13205.00	13969.00	13748.00	13067.00	13139.00
65	Sal bullahs above 250mm. & up to 380mm. mean dia & above 2.75m. long up to 4.75m. long	1Cum.	15851.00	15740.00	16571.00	14760.00	16965.00	16965.00	16058.00	16364.00	16228.00	17342.00	17083.00	16549.00	16394.00
66	Sal bullahs above 250mm. & up to 380mm. mean dia & above 4.75m. long.	1Cum.	17029.00	17482.00	18297.00	16675.00	19181.00	19187.00	18135.00	18427.00	18355.00	18856.00	18525.00	17575.00	17820.00
67	Non-sal bullahs 75mm. mean dia of any length.	1Mtr.	48.00	48.00	50.00	50.00	50.00	49.00	48.00	50.00	48.00	52.00	52.00	52.00	50.00
68	Non-sal bullahs 100mm. mean dia of any length.	1Mtr.	63.00	62.00	65.00	65.00	60.00	60.00	58.00	60.00	58.00	65.00	65.00	65.00	62.00
69	Non-sal bullahs 125mm. mean dia of any length.	1Mtr.	73.00	70.00	75.00	75.00	78.00	75.00	72.00	78.00	75.00	81.00	62.00	81.00	77.00
70	Non-Sal bullahs 150mm. to 200mm. mean dia of any	1Mtr.	89.00	88.00	94.00	94.00	94.00	90.00	88.00	94.00	90.00	101.00	101.00	99.00	95.00
71	Non-Sal bullahs above 200mm. & up to 250mm. mean dia up to 2.5m. long.	1Cum.	6265.00	6190.00	6578.00	5875.00	6406.00	6400.00	5895.00	6164.00	6128.00	6424.00	6317.00	6393.00	6073.00
72	Non-Sal bullahs above 200mm. & up to 250mm. mean dia above 2.5m. long.	1Cum.	6958.00	6954.00	7273.00	6373.00	6973.00	6800.00	6460.00	6835.00	6670.00	6988.00	7034.00	6815.00	6606.00

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Sl. No.	Name of items	Unit	Cuttack	Puri	Balasore	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
73	Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & up to 2.75m. long.	1Cum.	32791.00	32640.00	34281.00	31950.00	37722.00	37722.00	35225.00	37722.00	36082.00	35200.00	34549.00	32680.00	33145.00
74	Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & above 2.75m. long.	1Cum.	35791.00	35670.00	37417.00	34798.00	41312.00	41312.00	37880.00	41312.00	39516.00	37400.00	36486.00	34708.00	35165.00
75	Seasoned Sal wood beam of cross sectional area not less than 150Sq.cm. & least lateral dimension 100mm. & above 2.75m. long.	1Cum.	36093.00	35600.00	37733.00	35351.00	41103.00	41103.00	38331.00	41103.00	39316.00	37800.00	36666.00	35136.00	35759.00
76	Seasoned Sal wood planks not more than 75mm. thick & not less than 200mm. width.	1Cum.	32172.00	32130.00	33634.00	32025.00	37552.00	37552.00	34833.00	37552.00	35920.00	34400.00	34059.00	32027.00	32551.00
77	Seasoned Piasal wood planks for shutters.	1Cum.	51911.00	51200.00	54270.00	49778.00	58831.00	58831.00	54466.00	58831.00	56275.00	54500.00	52269.00	50657.00	51559.00
78	Seasoned Teak wood planks for shutters.	1Cum.	68310.00	67770.00	71415.00	67335.00	80969.00	80969.00	73871.00	80969.00	77450.00	77000.00	73955.00	71487.00	72824.00
79	Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	1Cum.	19788.00	19640.00	20687.00	18823.00	21287.00	19650.00	19488.00	21287.00	20362.00	20800.00	20581.00	19693.00	19721.00
80	Non-Sal reapers.	1Cum.	12035.00	12000.00	12471.00	11953.00	13559.00	13500.00	12207.00	13559.00	12970.00	13800.00	13915.00	12905.00	13068.00
81	Fire wood	1Qntl	424.00	409.00	442.00	442.00	477.00	475.00	430.00	477.00	456.00	500.00	499.00	491.00	472.00
82	1st class Raniganj or Mangalore pattern tiles.	100 Nos.	908.00	902.00	948.00	875.00	1008.00	917.00	548.00	1054.00	1008.00	1060.00	1027.00	1008.00	1016.00
83	Ridges of Raniganj or Mangalore pattern tiles.	100 Nos.	1431.00	1412.00	1496.00	1331.00	1531.00	1392.00	1440.00	1516.00	1531.00	1650.00	1679.00	1578.00	1606.00
84	Flat tiles(14Cm. x14 Cm.x 1Cm.)	1000 Nos.	290.00	268.00	303.00	272.00	331.00	301.00	297.00	346.00	331.00	325.00	328.00	318.00	315.00
85	Flat tiles (15Cm x15Cm x 1.2 Cm)	1000 Nos.	312.00	310.00	326.00	284.00	360.00	327.00	329.00	376.00	360.00	350.00	354.00	345.00	339.00
86	Flat tiles (30Cm. x 15 Cm.x 2.5 Cm.)	1000 Nos.	1223.00	1219.00	1278.00	1112.00	1426.00	1296.00	1307.00	1413.00	1425.00	1480.00	1418.00	1383.00	1416.00
87	Flat tiles (30Cm. x 30 Cm.x 2.5 Cm.)	1000 Nos.	1428.00	1412.00	1492.00	1298.00	1675.00	1521.00	1539.00	1749.00	1675.00	1698.00	1617.00	1563.00	1625.00
88	Pan tiles	1000 Nos.	306.00	300.00	319.00	278.00	335.00	304.00	312.00	317.00	334.00	349.00	349.00	349.00	334.00
89	Nuria tiles(20Cm. to 25Cm.)	1000 Nos.	639.00	628.00	668.00	581.00	793.00	793.00	736.00	780.00	760.00	780.00	796.00	756.00	762.00
90	Nuria tiles(25Cm. to 30Cm.)	1000 Nos.	754.00	750.00	787.00	685.00	925.00	955.00	889.00	955.00	914.00	950.00	928.00	929.00	917.00
91	Ridge tiles	1000 Nos.	928.00	941.00	991.00	881.00	1018.00	1090.00	1010.00	1090.00	1043.00	1075.00	1041.00	1023.00	1045.00
92	Marble Tiles of minimum 16 mm thick, dunguri Variety.														
	(a) Up to 0.10 Sqm.	1 Sqm.	544.00	539.00	544.00	544.00	544.00	544.00	544.00	544.00	544.00	500.00	544.00	544.00	544.00
	(b) Above 0.10 Sqm. to 0.40 Sqm.	1 Sqm.	665.00	659.00	664.00	665.00	665.00	665.00	658.00	665.00	665.00	665.00	665.00	665.00	665.00
	(c) Above 0.4 Sqm. to 1.00 Sqm.	1 Sqm.	750.00	738.00	749.00	739.00	750.00	750.00	740.00	750.00	750.00	750.00	750.00	745.00	750.00
93	Kota Tiles of minimum 16 mm thick														
	(a) Up to 0.10 Sqm.	1 Sqm.	402.00	398.00	402.00	402.00	402.00	402.00	398.00	402.00	402.00	366.00	402.00	402.00	402.00
	(b) Above 0.10 Sqm.	1 Sqm.	491.00	482.00	491.00	491.00	491.00	491.00	485.00	491.00	492.00	450.00	491.00	491.00	491.00

Talanda

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Sl. No.	Name of items	Unit	Cuttack	Puri	Balasure	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
94	Khandolites (Up to 0.06 Sqm.)	1 Sqm.	315.00	310.00	315.00	315.00	315.00	315.00	308.00	315.00	315.00	315.00	315.00	315.00	315.00
95	Granite Tiles														
	(a) Up to 0.10 Sqm. (10mm thick)	1 Sqm.	1173.00	1164.00	1173.00	1173.00	1173.00	1173.00	1163.00	1173.00	1173.00	1067.00	1173.00	1173.00	1173.00
	b) Above 0.10 Sqm														
	(i) Above 0.10 Sqm & up to 0.4 sqm (10mm. thick)	1 Sqm.	1331.00	1320.00	1331.00	1331.00	1331.00	1331.00	1323.00	1331.00	1331.00	1180.00	1331.00	1311.00	1331.00
	ii) Above 0.40 sqm. (20mm thick)	1 Sqm.	2090.00	2080.00	2090.00	1980.00	2090.00	2090.00	2090.00	2090.00	2090.00	1680.00	2090.00	2045.00	2090.00
96	Kodappa Tiles of 10 mm thick														
	(a) Above 0.1 Sqm & Up to 0.40 Sqm.	1 Sqm.	302.00	300.00	302.00	302.00	302.00	302.00	300.00	302.00	302.00	302.00	302.00	302.00	302.00
	(b) Above 0.40 Sqm.	1 Sqm.	363.00	352.00	363.00	363.00	363.00	363.00	353.00	363.00	363.00	363.00	363.00	363.00	363.00
97	Dholpuri Stone Tiles.	1 Sqm.	399.00	391.00	399.00	379.00	399.00	363.00	399.00	399.00	399.00	399.00	399.00	200.00	399.00
98	Tiles up to-														
	(a) 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1 Sqm.	387.00	381.00	387.00	383.00	387.00	387.00	380.00	387.00	387.00	352.00	387.00	387.00	387.00
	(b) 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1 Sqm.	415.00	418.00	429.00	413.00	429.00	429.00	425.00	429.00	429.00	400.00	429.00	429.00	429.00
	(c) Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of following sizes.														
	(I) Vitrified Tile 600mmx600mm Plain (Ivory)	1 Sqm.	653.00	605.00	665.00	665.00	665.00	665.00	663.00	665.00	665.00	605.00	665.00	665.00	665.00
	(II) Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)	1 Sqm.	710.00	660.00	726.00	705.00	726.00	726.00	715.00	726.00	726.00	726.00	726.00	726.00	726.00
	(d) Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	1 Sqm.	594.00	550.00	605.00	595.00	605.00	605.00	600.00	605.00	605.00	550.00	605.00	605.00	605.00
99	Chequered Tiles.	1 Sqm.	217.00	208.00	217.00	217.00	217.00	217.00	217.00	217.00	217.00	217.00	217.00	217.00	217.00
100	Terrazo Tiles.														
	(a) With grey cement.	1 Sqm.	248.00	234.00	247.00	231.00	248.00	226.00	245.00	248.00	248.00	248.00	248.00	248.00	248.00
	(b) With white cement	1 Sqm.	294.00	286.00	293.00	273.00	294.00	268.00	293.00	294.00	294.00	294.00	294.00	294.00	294.00
101	Red oxide Primer	1 Litre	129.00	122.00	129.00	123.00	129.00	129.00	124.00	129.00	129.00	129.00	129.00	129.00	129.00
102	Wood Primer	1 Litre	145.00	139.00	146.00	145.00	146.00	146.00	143.00	146.00	145.00	146.00	146.00	146.00	146.00
103	Wood Shine Paint	1 Litre	159.00	150.00	159.00	154.00	159.00	159.00	155.00	159.00	159.00	159.00	159.00	159.00	159.00
104	Plastic Emulsion paint	1 Litre	249.00	238.00	249.00	237.00	249.00	249.00	249.00	249.00	249.00	249.00	249.00	249.00	249.00
105	Enamel paint	1 Litre	190.00	190.00	193.00	191.00	193.00	193.00	193.00	193.00	193.00	193.00	193.00	193.00	193.00
106	Distemper	1 Kg.	66.00	65.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
107	Cement paint	1 Kg.	46.00	44.00	46.00	46.00	43.00	35.00	46.00	46.00	46.00	45.00	46.00	46.00	46.00
108	Red oxide powder	1 Kg.	115.00	113.00	116.00	116.00	116.00	116.00	113.00	116.00	116.00	116.00	116.00	116.00	116.00
109	French polish	1 Litre	165.00	161.00	164.00	158.00	165.00	150.00	163.00	165.00	165.00	165.00	165.00	165.00	165.00
110	Varnish	1 Litre	159.00	155.00	159.00	151.00	159.00	159.00	158.00	159.00	149.00	159.00	159.00	159.00	159.00

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasore	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
111	Plaster of paris	1 Kg.	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
112	Coal Tar	1 Kg.	44.00	43.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00
113	G.C.I. Sheet							0.00							
	a) 0.30mm thick	1 Sqm.	281.00	283.00	285.00	278.00	286.00	230.00	280.00	283.00	286.00	286.00	286.00	286.00	286.00
	b) 0.40mm thick	1 Sqm.	283.00	290.00	291.00	287.00	292.00	240.00	290.00	292.00	292.00	292.00	292.00	292.00	292.00
114	A.C. Sheet	1 Sqm.	186.00	193.00	200.00	200.00	200.00	182.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00
115	A.C. ridges	1 pair	188.00	180.00	188.00	186.00	188.00	188.00	180.00	188.00	188.00	188.00	188.00	188.00	188.00
116	6mm. Thick Plain A.C. Sheet	1 Sqm	231.00	224.00	231.00	225.00	231.00	210.00	230.00	231.00	231.00	231.00	231.00	231.00	231.00
117	Tar Paper	1 Sqm	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00
118	Putty (Wood)	1 Kg.	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00
119	Putty (Iron)	1 Kg.	99.00	97.00	99.00	99.00	99.00	90.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00
120	Wire Nails	1 Kg.	60.00	59.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
121	M.S. Angle	1 Qntl.													
122	M.S. Channel	1 Qntl.													
			Rate as fixed by SAIL												
123	Bolt, Nut & Washers	1 Kg.	77.00	74.00	77.00	75.00	77.00	65.00	77.00	77.00	77.00	77.00	77.00	77.00	76.00
124	Holding down bolts minimum 60 Cm. long with 15Cm. x 15 Cm. x 6mm. size washer plate	1 Kg.	74.00	73.00	74.00	74.00	74.00	65.00	74.00	74.00	74.00	74.00	74.00	74.00	73.00
125	Binding Wire.	1 Kg.	79.00	77.00	79.00	77.00	73.00	75.00	79.00	79.00	79.00	79.00	79.00	79.00	78.00
126	Coir String	1 Kg.	46.00	45.00	46.00	46.00	46.00	40.00	44.00	46.00	46.00	46.00	46.00	46.00	45.00
127	a) Empty Cement bags (HDPE) by lot & not shorted out	100 nos	385.00	380.00	385.00	355.00	358.00	350.00	370.00	293.00	360.00	350.00	385.00	385.00	378.00
	b) Empty Cement gunny bags by lot & not shorted out	100 nos	385.00	350.00	385.00	350.00	358.00	330.00	370.00	293.00	360.00	350.00	385.00	385.00	378.00
	c) Empty Bitumen Drum	Each	132.00	120.00	132.00	120.00	132.00	132.00	132.00	126.00	132.00	132.00	132.00	132.00	130.00
	d) Empty Bitumen Emulsion Drum	Each	253.00	230.00	253.00	230.00	251.00	200.00	253.00	242.00	253.00	253.00	245.00	253.00	248.00
128	Straw in Bundle	100 nos	275.00	246.00	275.00	258.00	275.00	249.00	275.00	275.00	275.00	275.00	275.00	275.00	270.00
129	Marble Chips.	1qntl	605.00	590.00	605.00	555.00	605.00	550.00	600.00	583.00	605.00	500.00	605.00	605.00	594.00
130	Marble Powder	1qntl	352.00	344.00	352.00	340.00	352.00	320.00	348.00	351.00	352.00	352.00	352.00	352.00	346.00
131	Cement														
	a) 33 Grade														
	b) 43 Grade	1qntl	Average factory price of three manufacturers of cement inside the State.												
	c) 53 Grade														
132	White Cement.	1qntl	1925.00	1900.00	1924.00	1778.00	1925.00	1725.00	1795.00	1925.00	1925.00	1925.00	1925.00	1925.00	1925.00
133	Steel														
	a) Mild Steel	1qntl	Rate as fixed by SAIL												
	b) HYSD (FE-415)/(FE500)	1qntl													
134	"Z" type Steel Sheet Piles .	1qntl	5522.00	5500.00	5521.00	5055.00	5520.00	4600.00	5300.00	2761.00	5522.00	5522.00	5522.00	5522.00	5522.00
135	Bentonite powder	1qntl	295.00	291.00	295.00	277.00	291.00	295.00	290.00	148.00	295.00	295.00	295.00	295.00	295.00
	Oxidized mild steel fittings (I.S.I.)														
136	Butt hinges (I.S.I.)														
	a) 50x37x1.50mm	Each	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	b) 75x47x0.70mm	Each	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	6.00	6.00

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasure	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Aluminium fittings (I.S.I.)														
146	Butt hinges (I.S.I.)														
a)	125mmx75mmx4mm	Each	66.00	65.00	66.00	63.00	66.00	66.00	65.00	66.00	66.00	66.00	66.00	66.00	66.00
b)	125mmx63mmx4mm	Each	55.00	54.00	55.00	53.00	55.00	50.00	54.00	55.00	55.00	55.00	55.00	55.00	55.00
c)	100mmx75mmx4mm	Each	51.00	51.00	51.00	50.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00
d)	100mmx63mmx4mm	Each	49.00	49.00	49.00	48.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00
e)	75mmx63mmx4mm	Each	33.00	33.00	33.00	33.00	33.00	28.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
f)	50mmx35mmx3.2mm	Each	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
147	Aluminium handle (I.S.I.)														
a)	150mm with 175mm x 40mm flat	Each	28.00	26.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00
b)	125mm with 175mm x 40mm flat	Each	28.00	26.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	26.00	28.00	28.00
c)	100mm with 150mm x 33m flat	Each	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
d)	75mm with 118mm x 33mm flat	Each	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
148	Aluminium tower bolt (Barrel type) (I.S.I.)														
a)	300mm x10mm	Each	64.00	65.00	66.00	65.00	66.00	66.00	65.00	66.00	66.00	66.00	66.00	66.00	66.00
b)	250mmx10mm	Each	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
c)	200mm x 10mm	Each	54.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	54.00	55.00	55.00	55.00
d)	150mm x 10mm	Each	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00
e)	100mm x 10mm	Each	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00
149	Sliding door bolt (Aldrop) (I.S.I.)														
a)	300mm x 16mm	Each	216.00	218.00	220.00	208.00	220.00	220.00	214.00	220.00	220.00	220.00	220.00	220.00	220.00
b)	250mm x 16mm	Each	205.00	205.00	209.00	198.00	209.00	209.00	200.00	209.00	209.00	209.00	209.00	209.00	209.00
150	Brass fittings(I.S.I.) Butt hinges (light/Ordinary) (I.S.I.)														
a)	125mm x 70mm x 4mm	Each	64.00	65.00	66.00	65.00	66.00	66.00	65.00	66.00	66.00	66.00	66.00	66.00	66.00
b)	100mm x 70mm x 4mm	Each	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00
c)	75mm x 40mm x 2.5mm	Each	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
d)	50mm x 40mm x 2.5mm	Each	18.00	17.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
151	But hinges (Heavy type) (I.S.I.)														
a)	125mm x 85mm x 5.5mm (0.07 kg)	Each	201.00	200.00	203.00	188.00	203.00	203.00	200.00	203.00	203.00	203.00	203.00	203.00	203.00
b)	100mmx85mmx5.5mm (0.056Kg)	Each	183.00	182.00	183.00	169.00	183.00	183.00	183.00	183.00	183.00	183.00	183.00	183.00	183.00
c)	75mmx65mmx4mm (.02 kg)	Each	77.00	76.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00
152	Brass tower bolt (Barrel type) (I.S.I.)														
a)	250mm x 10-mm	Each	197.00	205.00	209.00	193.00	209.00	209.00	203.00	209.00	209.00	209.00	209.00	209.00	209.00
b)	200mm x 10mm	Each	166.00	172.00	173.00	161.00	173.00	173.00	165.00	173.00	173.00	173.00	173.00	173.00	173.00
c)	150mm x 10mm	Each	124.00	126.00	129.00	122.00	129.00	129.00	125.00	129.00	129.00	129.00	129.00	129.00	129.00
d)	100mm x 10mm	Each	92.00	93.00	94.00	91.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00
153	Brass Screws (I.S.I.)														
a)	50mm	100 Nos	175.00	176.00	177.00	164.00	177.00	177.00	170.00	177.00	177.00	177.00	177.00	177.00	177.00
b)	40mm	100 Nos	158.00	160.00	160.00	148.00	160.00	160.00	155.00	160.00	160.00	160.00	160.00	160.00	160.00
c)	30mm	100 Nos	135.00	136.00	138.00	128.00	138.00	138.00	135.00	138.00	138.00	138.00	138.00	138.00	138.00

J. Pradhan

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Sl. No.	Name of items	Unit	Cuttack	Puri	Balasure	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
d	25mm	100 Nos	123.00	121.00	123.00	114.00	123.00	123.00	120.00	123.00	123.00	123.00	123.00	123.00	123.00
e	20mm	100 Nos	91.00	68.00	91.00	86.00	91.00	91.00	89.00	91.00	91.00	91.00	91.00	91.00	91.00
154	Chromium plated fittings (Brass) (I.S.I.) Handle (I.S.I)														
a.	125mm with 175 x 32mm plate	Each	145.00	146.00	148.00	145.00	148.00	148.00	145.00	148.00	148.00	148.00	148.00	148.00	148.00
b.	100mm with 150 x 25mm plate	Each	125.00	123.00	126.00	125.00	126.00	126.00	122.00	126.00	126.00	126.00	126.00	126.00	126.00
c.	75mm with 125 x 25mm plate	Each	109.00	110.00	111.00	111.00	111.00	111.00	105.00	111.00	111.00	111.00	111.00	111.00	111.00
155	Wall cement primer (I.S.I.)														
a)	Oil bound	1 ltr	115.00	112.00	118.00	114.00	118.00	118.00	113.00	118.00	118.00	118.00	118.00	118.00	118.00
b)	Water bound	1 ltr	147.00	152.00	154.00	145.00	154.00	154.00	150.00	154.00	154.00	140.00	154.00	154.00	154.00
156	Aluminium paint (I.S.I.)	1 ltr	160.00	163.00	165.00	150.00	165.00	165.00	162.00	165.00	165.00	165.00	165.00	165.00	165.00
157	Weather Coat (I.S.I.)	1 ltr	186.00	190.00	192.00	175.00	192.00	192.00	192.00	192.00	192.00	192.00	192.00	192.00	192.00
158	Adhesive (I.S.I.)	1 Kg	208.00	218.00	220.00	203.00	220.00	220.00	215.00	220.00	220.00	220.00	220.00	220.00	220.00
159	Bitumenous expansion joint board (I.S.I.)														
a.	12mm thick	Sqm	701.00	715.00	717.00	656.00	717.00	717.00	695.00	717.00	717.00	700.00	712.00	717.00	717.00
b.	16mm thick	Sqm	970.00	1015.00	1019.00	944.00	1019.00	1019.00	970.00	1019.00	1019.00	950.00	1019.00	1019.00	1019.00
c.	25mm thick	Sqm	1268.00	1305.00	1320.00	1235.00	1320.00	1320.00	1255.00	1320.00	1320.00	1320.00	1320.00	1320.00	1320.00
160	Barbed wire (I.S.I.)	Kg	66.00	65.00	66.00	66.00	66.00	65.00	65.00	66.00	66.00	66.00	66.00	66.00	66.00
161	Glass plain (I.S.I.)														
a	3mm	Sqm	338.00	350.00	352.00	330.00	352.00	352.00	350.00	352.00	352.00	330.00	352.00	352.00	352.00
b	4mm	Sqm	380.00	400.00	401.00	373.00	401.00	401.00	400.00	391.00	401.00	380.00	401.00	401.00	401.00
c	5mm	Sqm	520.00	530.00	533.00	498.00	533.00	533.00	521.00	527.00	533.00	510.00	533.00	533.00	533.00
d	6mm	Sqm	585.00	600.00	605.00	555.00	605.00	560.00	600.00	605.00	605.00	580.00	605.00	605.00	605.00
e	8mm	Sqm	900.00	930.00	935.00	894.00	935.00	900.00	913.00	935.00	850.00	900.00	935.00	935.00	935.00
f	10mm	Sqm	1129.00	1158.00	1177.00	1123.00	1177.00	1100.00	1158.00	1177.00	1177.00	1150.00	1177.00	1177.00	1177.00
g	12mm	Sqm	1331.00	1382.00	1391.00	1310.00	1391.00	1280.00	1351.00	1391.00	1390.00	1391.00	1391.00	1391.00	1391.00
162	Glass pin headed (I.S.I.)														
a	4mm	Sqm	305.00	314.00	315.00	312.00	315.00	290.00	305.00	315.00	315.00	315.00	314.00	315.00	315.00
b	5mm	Sqm	387.00	393.00	396.00	393.00	396.00	360.00	389.00	396.00	395.00	396.00	396.00	396.00	396.00
163	Black glass (I.S.I.)														
a	4mm	Sqm	522.00	535.00	539.00	505.00	539.00	539.00	528.00	539.00	539.00	539.00	539.00	539.00	539.00
b	5mm	Sqm	619.00	642.00	649.00	605.00	649.00	649.00	634.00	649.00	649.00	649.00	649.00	649.00	649.00
c	6mm	Sqm	748.00	780.00	792.00	743.00	792.00	792.00	773.00	792.00	792.00	792.00	792.00	792.00	792.00
d	8mm	Sqm	1182.00	1231.00	1248.00	1188.00	1248.00	1248.00	1202.00	1248.00	1248.00	1200.00	1248.00	1248.00	1248.00
e	12mm	Sqm	1875.00	1955.00	1969.00	1835.00	1969.00	1810.00	1930.00	1935.00	1969.00	1950.00	1969.00	1969.00	1969.00
164	Frosted glass (I.S.I.)														
a	4mm	Sqm	514.00	519.00	528.00	503.00	528.00	528.00	520.00	524.00	528.00	500.00	528.00	528.00	528.00
b	5mm	Sqm	551.00	553.00	561.00	538.00	561.00	561.00	553.00	561.00	561.00	561.00	561.00	561.00	561.00
165	Wire glass – 6 mm (I.S.I.)	Sqm	631.00	644.00	654.00	620.00	654.00	654.00	645.00	654.00	654.00	630.00	654.00	654.00	654.00
166	Sun-control film (I.S.I.)														
a.	Reflective	Sqm	570.00	571.00	583.00	550.00	583.00	583.00	568.00	583.00	583.00	575.00	583.00	583.00	583.00
b.	Non-reflective	Sqm	405.00	404.00	418.00	405.00	418.00	418.00	405.00	418.00	418.00	418.00	418.00	418.00	418.00
167	Prelaminated particle board (standard type) (I.S.I.)														
a.	9mm	Sqm	601.00	550.00	605.00	590.00	605.00	550.00	603.00	605.00	605.00	600.00	605.00	605.00	605.00
b.	12mm	Sqm	671.00	630.00	693.00	670.00	693.00	630.00	685.00	693.00	693.00	693.00	693.00	693.00	693.00

Handwritten signature

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasure	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
c.	18mm	Sqm	733.00	700.00	770.00	738.00	770.00	700.00	755.00	760.00	770.00	770.00	770.00	770.00	770.00
d.	25mm	Sqm	806.00	830.00	913.00	870.00	913.00	830.00	895.00	913.00	913.00	900.00	913.00	913.00	913.00
168	BWR ply wood (I.S.I.)														
a	3mm	Sqm	297.00	285.00	297.00	280.00	297.00	297.00	297.00	297.00	297.00	297.00	297.00	297.00	297.00
b	4mm	Sqm	336.00	340.00	346.00	324.00	346.00	346.00	345.00	346.00	345.00	346.00	346.00	346.00	346.00
c	6mm	Sqm	480.00	482.00	495.00	458.00	495.00	495.00	480.00	495.00	495.00	495.00	495.00	495.00	495.00
d	9mm	Sqm	593.00	600.00	610.00	565.00	610.00	610.00	598.00	610.00	610.00	610.00	610.00	610.00	610.00
e	12mm	Sqm	770.00	790.00	803.00	738.00	803.00	803.00	780.00	737.00	803.00	800.00	803.00	803.00	803.00
f	16mm	Sqm	903.00	942.00	957.00	877.00	957.00	950.00	918.00	957.00	957.00	950.00	957.00	957.00	957.00
g	19mm	Sqm	1070.00	1030.00	1122.00	1026.00	1122.00	1200.00	1080.00	1122.00	1122.00	1122.00	1122.00	1122.00	1122.00
h	25mm	Sqm	1528.00	1580.00	1606.00	1465.00	1606.00	1600.00	1548.00	1606.00	1606.00	1600.00	1606.00	1606.00	1606.00
169	BWR Block Board (I.S.I.)														
a	16mm	Sqm	808.00	835.00	847.00	783.00	847.00	847.00	810.00	847.00	847.00	847.00	847.00	847.00	847.00
b	19mm	Sqm	910.00	942.00	957.00	883.00	957.00	957.00	915.00	957.00	955.00	957.00	957.00	957.00	957.00
c	25mm	Sqm	1010.00	1080.00	1089.00	1003.00	1089.00	1089.00	1048.00	1089.00	1089.00	1089.00	1089.00	1089.00	1089.00
d	32mm	Sqm	1271.00	1340.00	1353.00	1243.00	1353.00	1353.00	1292.00	1353.00	1353.00	1353.00	1353.00	1353.00	1353.00
170	Vinyl Flooring (I.S.I.)														
(A)	Homogeneous Range (I.S.I.)														
i)	PVC (MF) Classic roll- 1.00mm thick	Sqm	297.00	305.00	308.00	285.00	308.00	280.00	303.00	304.00	308.00	308.00	308.00	308.00	308.00
ii)	PVC (MF) classic tile- 1.00mm thick	Sqm	350.00	345.00	352.00	328.00	352.00	320.00	350.00	351.00	352.00	352.00	352.00	352.00	352.00
iii)	PVC (MF) impress roll-1.50mm thick	Sqm	403.00	400.00	407.00	375.00	407.00	370.00	400.00	404.00	407.00	407.00	407.00	407.00	407.00
iv)	PVC (MF) impress tile-1.50mm thick	Sqm	465.00	483.00	489.00	450.00	489.00	445.00	478.00	489.00	489.00	489.00	489.00	489.00	489.00
v)	PVC (MF) super roll-2.00mm thick	Sqm	523.00	540.00	545.00	501.00	545.00	496.00	529.00	545.00	545.00	545.00	537.00	545.00	545.00
vi)	PVC (MF) super tile -2.00mm thick	Sqm	608.00	625.00	630.00	578.00	630.00	573.00	608.00	630.00	630.00	630.00	629.00	630.00	630.00
(B)	Heterogeneous Range (I.S.I.)														
i)	PVC (MF) Hetro roll- 2.00mm thick	Sqm	558.00	561.00	572.00	538.00	572.00	520.00	548.00	572.00	572.00	550.00	572.00	572.00	572.00
ii)	PVC (MF) hetro tile- 2.00mm thick	Sqm	621.00	641.00	649.00	608.00	649.00	590.00	623.00	649.00	649.00	600.00	649.00	649.00	649.00
171	Aluminium extruded section	Kg	254.00	258.00	264.00	263.00	264.00	264.00	264.00	262.00	264.00	264.00	264.00	264.00	264.00
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	337.00	337.00	341.00	310.00	341.00	310.00	335.00	341.00	341.00	341.00	341.00	341.00	341.00
b)	Intermediate mullion Po-528	Mtr	365.00	371.00	379.00	345.00	379.00	345.00	370.00	379.00	379.00	379.00	379.00	379.00	379.00
c)	Shutter frame Po-153	Mtr	285.00	282.00	286.00	260.00	286.00	260.00	278.00	286.00	286.00	286.00	286.00	286.00	286.00
d)	Fixed beeding Po-179	Mtr	147.00	141.00	147.00	134.00	147.00	134.00	147.00	147.00	147.00	147.00	147.00	147.00	147.00
e)	Sliding shutter Po-254	Mtr	176.00	173.00	176.00	160.00	176.00	160.00	176.00	176.00	176.00	176.00	176.00	176.00	176.00
f)	Outer frames(side / top) Po-255	Mtr	212.00	210.00	214.00	195.00	214.00	195.00	210.00	214.00	214.00	210.00	214.00	214.00	214.00
g)	Outer frames(bottom) Po-256	Mtr	148.00	143.00	148.00	135.00	148.00	135.00	145.00	148.00	148.00	148.00	148.00	148.00	148.00
h)	Sliding track (SS) Po-257	Mtr	548.00	557.00	561.00	510.00	561.00	510.00	538.00	561.00	561.00	561.00	561.00	561.00	561.00
i)	Sashbar Po-101	Mtr	517.00	528.00	528.00	480.00	528.00	480.00	512.00	524.00	528.00	528.00	528.00	528.00	528.00

Sl. No.	Name of items	Unit	Cuttack	Puri	Balasore	Mayurbhanj	Sambalpur	Balangir	Sundargarh	Dhenkanal	Keonjhar	Ganjam	Koraput	Kalahandi	Phulbani
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	j) Sashbar at shutter Po-107	Mtr	262.00	289.00	291.00	265.00	291.00	265.00	283.00	291.00	291.00	291.00	291.00	291.00	291.00
	k) Louvered horizontal (Top / bottom) Po-193 A	Mtr	148.00	147.00	148.00	135.00	148.00	135.00	148.00	148.00	148.00	148.00	148.00	148.00	148.00
	l) 33 x 57 Box Section	Mtr	341.00	341.00	346.00	315.00	346.00	315.00	335.00	346.00	346.00	346.00	346.00	346.00	346.00
	m) 100x50mm Box Section	Mtr	507.00	511.00	517.00	470.00	517.00	470.00	508.00	517.00	517.00	517.00	517.00	517.00	517.00
	n) Small Z Section	Mtr	250.00	249.00	253.00	230.00	253.00	230.00	250.00	253.00	253.00	253.00	253.00	253.00	253.00
	o) Extended Z Section	Mtr	335.00	337.00	341.00	310.00	341.00	310.00	334.00	296.00	341.00	341.00	341.00	341.00	341.00
	p) Cover Profile	Mtr	121.00	120.00	123.00	112.00	123.00	112.00	120.00	123.00	123.00	123.00	123.00	123.00	123.00
	Accessories														
	a) sliding outer frame assembly / pc	Each	267.00	268.00	272.00	248.00	272.00	248.00	265.00	272.00	272.00	272.00	272.00	272.00	272.00
	b) sliding shutter / pc	Each	226.00	331.00	335.00	305.00	335.00	305.00	328.00	335.00	335.00	335.00	335.00	335.00	335.00
	c) Sashbar	Each	18.00	18.00	18.00	17.00	18.00	17.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
	d) wall fixing with polymide anchor at every 600mm	Each	29.00	29.00	29.00	27.00	29.00	27.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
	e) Outer frame corner	Each	44.00	44.00	44.00	40.00	44.00	40.00	43.00	44.00	44.00	44.00	44.00	44.00	44.00
	f) Top hung shutter / pc	Each	355.00	360.00	363.00	330.00	363.00	330.00	357.00	363.00	363.00	360.00	363.00	363.00	363.00
	g) Fixed mullion	Each	55.00	54.00	55.00	50.00	55.00	50.00	54.00	55.00	55.00	55.00	55.00	55.00	55.00
	h) Fixed glazing	Each	110.00	107.00	110.00	100.00	110.00	100.00	110.00	110.00	110.00	110.00	110.00	110.00	110.00
	i) Louvered blade	Each	29.00	29.00	29.00	27.00	29.00	27.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
	j) Side hung door / pc	Each	407.00	415.00	418.00	380.00	418.00	380.00	408.00	418.00	418.00	418.00	418.00	418.00	418.00
	k) Door lock / pc	Each	366.00	370.00	374.00	340.00	374.00	340.00	360.00	374.00	374.00	374.00	374.00	374.00	374.00
	l) Swing door shutter / pc	Each	205.00	207.00	209.00	190.00	209.00	190.00	200.00	209.00	209.00	209.00	209.00	209.00	209.00
	m) Floor Spring (Godrej Make)	Each	3131.00	3185.00	3190.00	2900.00	3190.00	2900.00	3125.00	3190.00	3190.00	3100.00	3190.00	3190.00	3190.00
	Gasket														
	a) For Shutter Po-153	Mtr	41.00	41.00	41.00	38.00	41.00	38.00	39.00	41.00	41.00	41.00	41.00	41.00	41.00
	b) For beading Po-179	Mtr	55.00	54.00	55.00	50.00	55.00	50.00	53.00	55.00	53.00	55.00	55.00	55.00	55.00
	c) For Sashbar Po-101	Mtr	114.00	113.00	115.00	105.00	115.00	105.00	112.00	115.00	115.00	115.00	115.00	115.00	115.00
173	Rate of 60 micron powder coating (including labour charges and material for powder coating) for aluminium section.	Kg of Aluminium	29.00	29.00	27.00	27.00	29.00	27.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
174	12.5 mm thick gypsum board of size 6' x 4'	One Piece	380.00	380.00	350.00	350.00	385.00	350.00	385.00	385.00	385.00	385.00	385.00	385.00	385.00

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NOTES:

- 1) All Reinforcement Steel and structural steel shall be procured and used as per specifications mentioned in BIS's documents- IS:1786 and IS:2062 respectively. Independent tests shall be conducted, wherever required, to ensure that the materials procured conform to the specifications.

These steel shall be procured only from those firms, which are established, reliable, Indigenous & primary producers of steel, having Integrated Steel Plants (ISP), using iron ore as the basic raw material as per Ministry of Steel's guidelines.

No re-rolled steel shall be permitted in works. All other specifications and guidelines of MORTH shall be complied.

All reinforcement steel and structural steel shall be procured from primary producers of steel: - SAIL/RINL/TATA/JINDAL STEEL/SHYAM STEEL.

In case of exigency, other brands (primary producers) of steel may be used with proper justification and prior approval of competent authority satisfying the tests as required by BIS's code.

- 2) The Cement of the companies having their own manufacturing units in the State of Odisha is 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 in SR 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 Odisha 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) / Hindustan Petroleum Corporation Limited (HPCL)/Bharat Petroleum Corporation Limited (BPCL).

VII. In Cement Concrete items of Analysis of Rate centering and shuttering shall be added extra wherever necessary depending upon the item of work.

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VIII. Overhead Charges include the following elements :-

- i. Site accommodation, setting up plant, access road, water supply, electricity and general site arrangements.
- ii. Office furniture, equipment and communications
- iii. Expenditure on
 - a) Corporate office contractor
 - b) Site supervision
 - c) Documentation and "as built" drawings
- iv. Mobilisation/de-mobilisation of resources
- v. Labour camps with minimum amenities and transportation to work sites
- vi. Light vehicles for site supervision including administrative and managerial requirements
- vii. Laboratory equipment and quality control including field and laboratory testing
- viii. Minor T&P and survey instruments and setting out works, including verification of line, dimensions, trial pits and bore holes, where required
- ix. Watch and ward
- x. Traffic management during construction
- xi. Expenditure on safeguarding environment
- xii. Sundries
- xiii. Financing Expenditure
- xiv. Sales/Turn over tax
- xv. Work Insurance/compensation

- xvi. For the purpose of calculation of **overhead charges @ 7.5 %** to be adopted in Analysis of Rates of various items to work out estimated cost.

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CHAPTER-II
RATE OF LABOUR

Sl. No	DESCRIPTION	UNIT	RATE in Rs.
1	2	3	4
A	Category unskilled		
1	Male mulia	Per day	150.00
2	Female mulia	Per day	150.00
3	Survey Khalasi/ Chain man	Per day	150.00
4	Scavanger	Per day	150.00
B	Category Semi skilled		
1	Mulia working in water or arduous nature of work	Per day	170.00
2	Night mulia or attendant working in flood and other emergent work	Per day	170.00
3	Mulia for handling hot binder and Tar boiler men	Per day	170.00
4	Sangi mulia	Per day	170.00
5	Pile driving mate(Guide man)	Per day	170.00
6	Mate	Per day	170.00
7	Helper to carpenter or Blacksmith/ Painter/ Blaster/ Plumber/ Electrician/ Fitter/ Welder	Per day	170.00
8	Hammer man	Per day	170.00
9	Thatcher/ Gharami	Per day	170.00
10	Tile turner	Per day	170.00
11	Boat man	Per day	170.00
12	Bhisti	Per day	170.00
13	Well sinker	Per day	170.00
14	Rod binder and bender	Per day	170.00
15	Cleaner/ Sweeper	Per day	170.00
16	Stone packer	Per day	170.00
17	Pump helper	Per day	170.00
18	Watch man(Store)/Gurkha / Security Guard	Per day	170.00
19	Bellow man	Per day	170.00
C	Category Skilled		
1	Blaster(Second class)	Per day	190.00
2	Mason(Second class)	Per day	190.00
3	Black smith (Second class)	Per day	190.00
4	Carpenter(Second class)	Per day	190.00
5	Fitter(Second class)	Per day	190.00
6	Painter/ Polisher(Second class)	Per day	190.00
7	Welder(Second class)	Per day	190.00
8	Plumber(Second class)	Per day	190.00
9	Driller(Second class)	Per day	190.00
10	Stone dresser/ Cutter(Second class)	Per day	190.00
11	Cobbler with tools(Second class)	Per day	190.00

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12	Wire man/ Lift operator / Diesel pump driver/ Telephone operator (Second class)		190.00
13	Boring Mistry/ Pipe driver	Per day	190.00
14	Electrician/ Rigger/ Line man/ Telephone attendant/	Per day	190.00
15	Gardener	Per day	190.00
16	Amin	Per day	190.00
17	Tracer	Per day	190.00
18	Jr. progress recorder	Per day	190.00
19	Store keeper Gr.- II/ Store Asst./ Account clerk/ Clerk/ Typist/ Toolkeeper/ Time keeper/ Munsif	Per day	190.00
D	Category Highly Skilled		
1	Blaster (licensed)	Per day	205.00
2	Mason (special)	Per day	205.00
3	Carpenter(special)	Per day	205.00
4	Blacksmith(special)	Per day	205.00
5	Fitter(special)	Per day	205.00
6	Painter/ Polisher(special)	Per day	205.00
7	Welder(special)	Per day	205.00
8	Plumber(special)	Per day	205.00
9	Driller (Special)	Per day	205.00
10	Stone dresser/ Cutter(special)	Per day	205.00
11	Diver for well sinking in bridge (per shift of four hours.)	Per day	205.00
12	Electrician/ Air conditioned plant operator/ wire man/ Lift operator/ Diesel pump operator (special).	Per day	205.00
13	Jeep driver/ Tractor driver / Truck driver / Dozer driver / Roller driver /Concrete mixture operator / Crane operator	Per day	205.00
14	Auto electrician	Per day	205.00
15	Guiniting Machine operator	Per day	205.00
16	Senior Accountant / Stenographer	Per day	205.00
17	Supervisor / Manager	Per day	205.00
18	Testing Laboratory Assistant / Instrument Mechanic/ Telephone Mechanic.	Per day	205.00
19	Rigger and Cobbler with Tools Driver (Heavy Vehicle)	Per day	205.00

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.

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Sl No.	Description	Unit	Rate in (Rs.)
E.	Other Category (Not covered by the Notification of Labour & Employment Department).		
01	Boring Mistry (Special)	Per Day	205.00
02	Winch operator	Per Day	205.00
03	Well Sinker (Special)	Per Day	205.00
04	Helper to Well Sinker	Per Day	190.00
05	Computer Programmer	Per Month	7000.00
06	Data Entry Operator	Per Month	5200.00
07	Helper to operator of Heavy construction Machineries	Per Month	5000.00
08	Mechanic for Heavy construction Machineries	Per Month	6000.00
09	Helper to mechanic for heavy construction Machineries	Per Month	5000.00
10	Operator for Heavy construction Machineries	Per Month	6000.00
11	Junior Research Assistant (Technical Assistant)	Per Month	5200.00

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CHAPTER-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, fly ash & 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 Machineris, generators, concrete pipe & furniture etc (per Truck)
			Railway station	Other places	
1	2	3	4	5	6
Up to 5 KM	156.40	1010.80	183.40	169.00	1380.00
Every extra KM beyond 5 KM and up to 50 Km	9.20	41.40	8.60	8.60	42.50
Every extra KM beyond 50 KM	6.50	33.30	7.30	7.30	33.30

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.

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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	79.00
2	Iron, grills, cement, Bitumen, A.C sheet, GCI Sheet ,Coke,coal lime etc	1 qtl.	11.00
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	448.00
4	Bulky material such as a) Hume pipes & furnitures	1 truck load	611.00
	b) Heavy machineries such as compressors ,concrete mixer, hotmix plant etc.	1 truck load	728.00

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	67.00
2	Subsequent KM	1 cart load	34.00

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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.	1.60
	b) Steel, A.C sheet, GCI Sheet , etc	1 Qtl.	5.80
2	Removing from railway platform and loading into trucks a) Cement, Bitumen, coal, paint etc	1 Qtl.	1.60
	b) Steel, A.C sheet, GCI Sheet , etc	1 Qtl.	5.80

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.C sheet, 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.	33.00	8.30
2	Beyond 50 mtr and upto 100 mtr	38.00	12.40
3	Beyond 100 mtr and upto 150 mtr	50.00	18.00

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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= 400nos 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(per 0.125 cum)
1	2	3	4
	Rate in Rs.	Rate in Rs.	Rate in Rs.
A) In River	49.00	280.00	8.40
i)Up to 5 KM.			
ii)Every extra KM beyond 5.00 Km and upto 16 KM	5.20	24.70	0.70
iii)Every extra KM beyond 16 KM	2.60	18.00	0.60
B) In canal			
i)Up to 5 KM.	34.00	245.50	7.00
ii)every extra KM beyond 5.00 Km and upto 16 KM	5.80	20.80	0.90
iii)every extra KM beyond 16 KM	2.60	16.00	0.70

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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.

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**CHAPTER -IV
HIRE CHARGES OF PLANTS AND MACHINERIES**

Sl. No.	DESCRIPTIONS			USAGE RATES IN RS.	
	Machine	Activity	Output	Unit	Rate
1	Dozer D-50 -A 15	Spreading	200cum/hour	per hour	1831.00
		Cutting	100cum/hour	per hour	
		Cleaning	150cum/hour	per hour	
2	Dozer D-80-A 12	Spreading	300cum/hour	per hour	2519.00
		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	289.00
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	1868.00
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	2.50
				per hour	582.00
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	339.00
		BM compaction	25cum/hour	per hour	
11	Sheep foot Roller	Soil compaction		per hour	65.00
12	Truck mounted water tanker	Water transport	6KL	per hour	582.00
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

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17	Diesel Compressor		400cfm	per hour	856.00
18	Diesel Compressor		300cfm	per hour	711.00
19	Electrical Compressor		500cfm	per hour	497.00
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/Premi x	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	1586.00
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	65.00

Jahid

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	59.00
49	Pump with 10HP diesel engine	Pumping of Water		per hour	108.00
50	Pump with 20HP diesel engine	Pumping of Water		per hour	166.00
51	Pump with 40HP diesel engine	Pumping of Water		per hour	278.00
52	Pump with 40HP electrical			per hour	149.00
53	Pump with 50HP electrical			per hour	182.00
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	1717.00
58	Tower Crane	Lifting purpose		per hour	551.00
59	Welding transformer	Welding		per hour	81.00
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	177.00
			7.5cum/hour	per hour	
66	Vibrator (3HP diesel)	Compacting Concrete		per hour	106.00
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	184.00
71	Crushing & processing plant (electrical)			per hour	235.00
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/Stands		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	425.00
78	Generator 125KVA	Generation of Electric Energy	KVA	per hour	905.00

Tabaka

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 tones	Material Transport	4.5cum	Per Km.	20.00
				per tonne.km	2.00
				per hour	557.00
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	9.00
87	Pneumatic rammer			per hour	13.00
88	Pusher leg			per hour	5.00

Fahid

Addendum to Chapter XVII of Road Work of Schedule of Rate 2006 for 2014 as item 58

SI No.	Description	Unit	Rate
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58	<p>Construction of embankment with Fly ash/Pond Ash available from Coal or Lignite Burning Thermal Plants as Waste Material.</p> <p>Construction of embankment with Fly ash conforming to Table 1 of IRC-SP-58-2001 obtained from Coal or Lignite Burning Thermal Power Stations as Waste material, spread and compacted in layer of 200mm thickness each at OMC, all as specified in IRC-SP-58-2001 and as per approved plans.</p>	1 cum	Rate to be derived as per Analysis of rate
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Addendum to Chapter XIII of Road Work of Analysis of Rate 2006 for 2014 as item No.58

SI No.	Description	Quantity	Unit	Rate	Amount in Rs.	Remarks
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58 Construction of embankment with Flyash/Pond Ash available from Coal or Lignite Burning Thermal Plants as Waste Material.

Construction of embankment with Flyash confirming to Table-1 of IRC:-SP-58-2001 obtained from Coal or Lignite Burning Thermal Power Station as Waste Material, spread and compacted in layer of 200mm thickness each at OMC, all as specified in IRC-SP-58-2001 and as per approved plans.

Unit=Cum

Taking output=360 cum

a) Labour

Mate 0.16 Day

Man Mulia 4.00 Day

b) Machinery

Hydraulic Excavator 1 cum bucket capacity @ 60 cum/hour 6.00 hour

Tipper 10T Capacity, flyash 360x1.2=432 tonnes 432xL Tonne km

Add 10 percent of cost of carriage for loading and unloading

Dozer 80 HP for spreading @ 200 cum/hour 1.8 hour

Motor Grader for grading @ 50 cum/hour 7.2 hour

Water Tanker 6kl capacity 12 hour

Vibratory Roller 8-10 tonne @ 100 cum/hour 3.6 hour

c) Overheads @ 7.5% on (a+b)

d) Constructors profit @ 7.5% on (a+b)

Cost for 360 cum=a+b+c+d

Rate per cum=(a+b+c+d)/360

Note

1 As Flyash is available free of cost as waste material from Thermal Plants, cost of materials has not been added. It is mandatory as per statute for the Fly Ash/Pond Ash generating Industries/Plants to ensure supply of Fly Ash/Pond Ash free of cost.

2 The earth cover on sides and intermediate layers of earth sandwiching the flyash have not been included in this analysis. The same are required to be provided as per approved design and priced separately as embankment construction.

3 L=Lead in Kilometer

