

Analysis

**OD/366/3517/120489/427927/00015634 : Repair and Maintenance of UP School, Bhatigam
Block : Nabarangpur, Gram Panchayat : Baghasiuni
Created By: SUNIL KHORA**

Item 1
Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge
Sub-Item of Work Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0
Total Amount (a+b+c)				23839.2	
Total GST (a)					0
LABOUR CESS @ 1% (+)					238.392
Grand Total					24077.592
Say For Unit 1 (Grand Total/100)					240.77592

Item 2
Earth Work (AR0115): Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	341.11	34111	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	40.25	4025	0

Total Amount (a+b+c)	51040.32
Total GST (a)	0
LABOUR CESS @ 1% (+)	510.4032
Grand Total	51550.7232
Say For Unit 1 (Grand Total/100)	515.507232

Item 3

Concrete (AR0303): Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	548.44	1255.9276	351.659728
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.13	36.5424	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	341.11	327.4656	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	40.25	19.32	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	149.5	143.52	0

Total Amount (a+b+c)	4875.28468
Total GST (a)	351.659728
LABOUR CESS @ 1% (+)	52.26944408
Grand Total	5279.21385208
Say For Unit 1 (Grand Total/1)	5279.21385208

Item 4

Plastering (AR1014): 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sub-Item of Work

16mm thick cement Plaster in CM (1:6) over brick work in inside.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.11	Per day	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	548.44	23.58292	6.6032176
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.13	1.37034	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	30.732	1.321476	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	40.25	0.7245	0

Total Amount (a+b+c)

233.939216

Total GST (a)

6.6032176

LABOUR CESS @ 1% (+)

2.405424336

Grand Total

242.947857936

Say For Unit 1 (Grand Total/1)

242.947857936

Item 5

Masonry Brick Work (AR0602ei): Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:4) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:4) in superstructure

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
BRM002 : 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.	400	1000 Nos	3.86472	1545.888	0
BRM340 : Cement	1	1 Qntl.	548.44	548.44	153.5632
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.13	21.3164	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM002 : 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.	400	1000 Nos	0.8091	323.64	0
BRM340 : Cement	1	1 Qntl.	30.732	30.732	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM002 : 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.	400	1000 Nos	0.04025	16.1	0
BRM340 : Cement	1	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	40.25	11.27	0

Total Amount (a+b+c)	4797.7172
Total GST (a)	153.5632
LABOUR CESS @ 1% (+)	49.512804
Grand Total	5000.793204
Say For Unit 1 (Grand Total/1)	5000.793204

Item 6

Painting (AR0901d): Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.30732	0.240078384	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

Total Amount (a+b+c)	661.474314384				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	6.61474314384				
Grand Total	668.08905752784				
Say For Unit 1 (Grand Total/9.3)	71.83753306751				

Item 7
Painting (AR0922): Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)
Sub-Item of Work Finishing wall two coats with distemper of approved shades on new work (Inside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.52	Per day	612	318.24	0
BRM142 : Distemper	2.5	1 Kg.	70.1	175.25	0
LR001 : Male mulia	0.62	Per day	462	286.44	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.30732	0.7683	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

Total Amount (a+b+c)	780.6983				
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Total GST (a)	0
LABOUR CESS @ 1% (+)	7.806983
Grand Total	788.505283
Say For Unit 1 (Grand Total/10)	78.8505283

Item 8

Flooring (AR0817aa): Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	651.08	6510.8	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.25	Per day	612	1989	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR008 : Sangi mulia	7.6	Per day	512	3891.2	0
BRM340 : Cement	1.375	1 Qntl.	548.44	754.105	211.1494
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	76.13	11.4195	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	11.2375001	112.375001	0
BRM340 : Cement	1.375	1 Qntl.	30.732	42.2565	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	341.11	51.1665	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0

BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	40.25	6.0375	0

Total Amount (a+b+c)	14954.860001
Total GST (a)	211.1494
LABOUR CESS @ 1% (+)	151.66009401
Grand Total	15317.66949501
Say For Unit 1 (Grand Total/10)	1531.766949501

Item 9

Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work
Iron Doors and windows fixing

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	7776.75	3950.589	711.10602
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
LR028 : Fitter	1	Per day	562	562	0
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	30.732	15.611856	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	8174.700856
Total GST (a)	711.10602

LABOUR CESS @ 1% (+)	88.85806876
Grand Total	8974.66494476
Say For Unit 1 (Grand Total/0.508)	17666.663277087

Item 10

Roofing (AR1132a): Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.

Sub-Item of Work

Labour for fixing G.C.I. Sheet in roof

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	2	Per day	462	924	0
LR028 : Fitter	1	Per day	562	562	0
LR027 : Carpenter	0.5	Per day	562	281	0

Total Amount (a+b+c)	1767
Total GST (a)	0
LABOUR CESS @ 1% (+)	17.67
Grand Total	1784.67
Say For Unit 1 (Grand Total/9.3)	191.9

ARABINDA BEHERA
JE
Nabarangpur Block

SURYA NARAYAN BEHERA
AEE
Nabarangpur Block

SUNIL KHORA
BDO
Nabarangpur Block