

Analysis

OD/361/3452/119460/386089/00069085 : Repair & Maintenance of Pragati Higher Secondary School, Maidankel
Block : Kendujhar Sadar, Gram Panchayat : Maidankel
Created By:Binod Chandra Panda

Item 1
Dismantling (AR1603): Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.
Sub-Item of Work Dismantling brick or stone masonry under 3m.

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	4.5	Per day	462	2079	0
LR001 : Male mulia	4	Per day	462	1848	0
Total Amount (a+b+c)				3927	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					294.525
CONTRACTOR PROFIT @ 7.5% (+)					316.614375
LABOUR CESS @ 1% (+)					45.38139375
Grand Total					4583.52076875
Say For Unit 1 (Grand Total/2.83)					1619.6186462014

Item 2
Dismantling (AR1616): Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.
Sub-Item of Work Dismantling G.C.I. or A.C. sheet roofing

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1	Per day	462	462	0
LR001 : Male mulia	0.5	Per day	462	231	0
LR028 : Fitter	0.25	Per day	562	140.5	0
Total Amount (a+b+c)					833.5
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					62.5125

CONTRACTOR PROFIT @ 7.5% (+)	67.2009375
LABOUR CESS @ 1% (+)	9.632134375
Grand Total	972.845571875
Say For Unit 1 (Grand Total/9.3)	104.60705073925

Item 3

Masonry Brick Work (AR0603bi): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) 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

Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
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
BRM340 : Cement	0.672	1 Qntl.	554.16	372.39552	67.0311936
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	65	18.2	0
BRM005 : 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 %	350	1000 Nos	5.14255	1799.8925	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	42.622	28.641984	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	861.91	241.3348	0
BRM005 : 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 %	350	1000 Nos	1.30585	457.0475	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	50.25	14.07	0
BRM005 : 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 %	350	1000 Nos	0	0	0

Total Amount (a+b+c)	5136.402304
Total GST (a)	67.0311936
OVERHEAD CHARGES @ 7.5% (+)	390.25751232
CONTRACTOR PROFIT @ 7.5% (+)	419.526825744
LABOUR CESS @ 1% (+)	60.13217835664
Grand Total	6073.3500140206
Say For Unit 1 (Grand Total/1)	6073.3500140206

Item 4

Iron Work (AR1703): Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

Sub-Item of Work

Iron work wrought and put up in trusses and record racks

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	6841.58	3475.52264	625.5940752
LR001 : Male mulia	2.5	Per day	462	1155	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
LR026 : Black smith	1.25	Per day	562	702.5	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	42.622	21.651976	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)	6428.674616
Total GST (a)	625.5940752
OVERHEAD CHARGES @ 7.5% (+)	529.07015184
CONTRACTOR PROFIT @ 7.5% (+)	568.750413228
LABOUR CESS @ 1% (+)	81.52089256268
Grand Total	8233.6101488307
Say For Unit 1 (Grand Total/0.508)	16207.893993761

Item 5

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

OVERHEAD CHARGES @ 7.5% (+)

132.525

CONTRACTOR PROFIT @ 7.5% (+)

142.464375

LABOUR CESS @ 1% (+)

20.41989375

Grand Total

2062.40926875

Say For Unit 1 (Grand Total/9.3)

221.7644375

Item 6

Roofing (AR1132): Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sub-Item of Work

Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	317.5	2952.75	0
LR001 : Male mulia	2	Per day	462	924	0
LR047 : Fitter	1	Per day	612	612	0
LR045 : Carpenter	0.5	Per day	612	306	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	1.108172	10.3059996	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	0	0	0

Total Amount (a+b+c)	4805.0559996
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	360.37919997
CONTRACTOR PROFIT @ 7.5% (+)	387.40763996775
LABOUR CESS @ 1% (+)	55.528428395377
Grand Total	5608.3712679331
Say For Unit 1 (Grand Total/9.3)	603.0506739713

Item 7

Plastering (AR1004): 12mm thick cement plaster (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

12mm thick cement plaster (1:6) over Brick work in inside

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	554.16	19.838928	3.57100704
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	65	0.975	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	42.622	1.5258676	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	861.91	12.92865	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	50.25	0.75375	0

Total Amount (a+b+c)	170.1421956
Total GST (a)	3.57100704
OVERHEAD CHARGES @ 7.5% (+)	13.028490198
CONTRACTOR PROFIT @ 7.5% (+)	14.00562696285
LABOUR CESS @ 1% (+)	2.0074731980085
Grand Total	202.75479299886
Say For Unit 1 (Grand Total/1)	202.75479299886

Item 8

Painting (AR0918cb): Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work

Finishing wall two coats with weather coat with one coat waterbound Primer

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918f)					
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	194.79	24.34875	0
LR001 : Male mulia	0.064	Per day	462	29.568	0
LR048 : Painter/ Polisher	0.054	Per day	612	33.048	0
Combine :: Painting (AR0901di)					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.42622	0.0532775	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.42622	0.038497290322581	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0	0	0

Total Amount (a+b+c)	159.16246027419
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.937184520565
CONTRACTOR PROFIT @ 7.5% (+)	12.832473359607
LABOUR CESS @ 1% (+)	1.8393211815436
Grand Total	185.77143933591
Say For Unit 1 (Grand Total/1)	185.77143933591

Item 9

Painting (AR0903ak): Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)

Sub-Item of Work

Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0903k)					
LR048 : Painter/ Polisher	0.13709677419355	Per day	612	83.903225806452	0
LR001 : Male mulia	0.12064516129032	Per day	462	55.738064516129	0
BRM141 : Enamel paint	0.125	1 Litre	205.34	25.6675	0
Combine :: Painting (AR0901ak)					
LR048 : Painter/ Polisher	0.054838709677419	Per day	612	33.561290322581	0
BRM138 : Wood Primer	0.075	1 Litre	155.08	11.631	0
LR001 : Male mulia	0.054838709677419	Per day	462	25.335483870968	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	0.125	1 Litre	0.42622	0.0532775	0
BRM138 : Wood Primer	0.075	1 Litre	0.42622	0.0319665	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	0.125	1 Litre	0	0	0
BRM138 : Wood Primer	0.075	1 Litre	0	0	0

Total Amount (a+b+c)	235.92180851613
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	17.69413563871
CONTRACTOR PROFIT @ 7.5% (+)	19.021195811613
LABOUR CESS @ 1% (+)	2.7263713996645
Grand Total	275.36351136612
Say For Unit 1 (Grand Total/1)	275.36351136612

Item 10

Flooring (AR0816k): Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge(For repair and maintenance) .

Sub-Item of Work

Fixing Ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor (For repair and maintenance) .

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
BRM130 : Tiles up to 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	10	1 Sqm.	450.08	4500.8	0
LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0
LR008 : Sangi mulia	5.5	Per day	512	2816	0
BRM340 : Cement	2.737	1 Qntl.	554.16	1516.73592	273.0124656
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	65	8.45	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM130 : Tiles up to 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	10	1 Sqm.	14.5102781	145.102781	0
BRM340 : Cement	2.737	1 Qntl.	42.622	116.656414	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	861.91	112.0483	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM130 : Tiles up to 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	10	1 Sqm.	0	0	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	50.25	6.5325	0

Total Amount (a+b+c)	11627.165915
Total GST (a)	273.0124656
OVERHEAD CHARGES @ 7.5% (+)	892.513378545
CONTRACTOR PROFIT @ 7.5% (+)	959.45188193587
LABOUR CESS @ 1% (+)	137.52143641081
Grand Total	13889.665077492
Say For Unit 1 (Grand Total/10)	1388.9665077492

Kandarpa Palei
JE
Kendujhar Sadar Block

Sabyasachi Pradhan
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Kendujhar Sadar Block

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