

Analysis

OD/361/3452/119452/386099/00015514 : Repair and Renovation of Podadiha Primary School
Block : Kendujhar Sadar, Panchayat : Dimbo
Created By:Binod Chandra Panda

Item 1

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	452	452	0
LR001 : Male mulia	0.5	Per day	452	226	0
LR028 : Fitter	0.25	Per day	552	138	0

Total Amount (a+b+c)	816
Total GST (a)	0
LABOUR CESS @ 1% (+)	8.16
Grand Total	824.16
Say For Unit 1 (Grand Total/9.3)	88.61935483871

Item 2

Dismantling (AR1612): Dismantling and removing 2.5 cm. thick artificial stone flooring 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 and removing 2.5 cm. thick artificial stone flooring

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.25	Per day	452	565	0
LR001 : Male mulia	0.75	Per day	452	339	0

Total Amount (a+b+c)	904
Total GST (a)	0
LABOUR CESS @ 1% (+)	9.04

Grand Total	913.04
Say For Unit 1 (Grand Total/9.3)	98.176344086021

Item 3

Dismantling (AR1613): Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sub-Item of Work
Removing old lime or cement plaster

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1	Per day	452	452	0

Total Amount (a+b+c)	452
Total GST (a)	0
LABOUR CESS @ 1% (+)	4.52
Grand Total	456.52
Say For Unit 1 (Grand Total/9.3)	49.088172043011

Item 4

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.	6838.92	3474.17136	625.3508448
LR001 : Male mulia	3.25	Per day	452	1469	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	502	502	0
LR028 : Fitter	1	Per day	552	552	0
LR047 : Fitter	1	Per day	602	602	0
LR026 : Black smith	1	Per day	552	552	0

LR046 : Blacksmith	0.75	Per day	602	451.5	0
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	36.677	18.631916	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)	7621.303276
Total GST (a)	625.3508448
LABOUR CESS @ 1% (+)	82.466541208
Grand Total	8329.120662008
Say For Unit 1 (Grand Total/0.508)	16395.906814976

Item 5

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	452	49.72	0
LR001 : Male mulia	0.13	Per day	452	58.76	0
LR025 : Mason	0.16	Per day	552	88.32	0
BRM340 : Cement	0.043	1 Qntl.	541.67	23.29181	6.5217068
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	65	1.17	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	36.677	1.577111	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	822.85	14.8113	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	50.25	0.9045	0

Total Amount (a+b+c)	238.554721
Total GST (a)	6.5217068
LABOUR CESS @ 1% (+)	2.450764278
Grand Total	247.527192078
Say For Unit 1 (Grand Total/1)	247.527192078

Item 6

Roofing (AR1132i): Supplying, fitting & fixing of G.C.I. Sheet (0.40mm 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, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	333.12	3098.016	0
LR001 : Male mulia	2	Per day	452	904	0
LR047 : Fitter	1	Per day	602	602	0
LR045 : Carpenter	0.5	Per day	602	301	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	1.2066733	11.22206169	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	0	0	0

Total Amount (a+b+c)	4916.23806169
Total GST (a)	0
LABOUR CESS @ 1% (+)	49.1623806169
Grand Total	4965.4004423069
Say For Unit 1 (Grand Total/9.3)	533.91402605451

Item 7

Other Building Items. (AR1901B): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sub-Item of Work

Vitrified Tile 600mmx600mm Plain Ivory

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2017.18	153.30568	42.9255904
BRM340 : Cement	1.074	1 Qntl.	541.67	581.75358	162.8910024
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	65	13.65	0
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	1171.944
LR001 : Male mulia	2.16	Per day	452	976.32	0
LR044 : Mason	2.16	Per day	602	1300.32	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	36.677	2.787452	0
BRM340 : Cement	1.074	1 Qntl.	36.677	39.391098	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	822.85	172.7985	0
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.	12.8738891	128.738891	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	0	0	0
BRM340 : Cement	1.074	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	50.25	10.5525	0

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
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Total Amount (a+b+c)	9890.417701
Total GST (a)	1377.7605928
LABOUR CESS @ 1% (+)	112.681782938
Grand Total	11380.860076738
Say For Unit 1 (Grand Total/10)	1138.0860076738

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	452	28.928	0
LR048 : Painter/ Polisher	0.054	Per day	602	32.508	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	602	32.365591397849	0
LR001 : Male mulia	0.053763440860215	Per day	452	24.301075268817	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.36677	0.04584625	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.36677	0.033127612903226	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)	156.89439052957
Total GST (a)	0
LABOUR CESS @ 1% (+)	1.5689439052957
Grand Total	158.46333443487
Say For Unit 1 (Grand Total/1)	158.46333443487

Item 9

Painting (AR0901bk): Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge(For repair and maintenance).

Sub-Item of Work

Priming one coat in inner surface with primer of approved quality over iron work(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.51	Per day	602	307.02	0
BRM137 : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	12.8995092
LR001 : Male mulia	0.51	Per day	452	230.52	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0.36677	0.184191894	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0	0	0

Total Amount (a+b+c)	609.388131894
Total GST (a)	12.8995092
LABOUR CESS @ 1% (+)	6.22287641094
Grand Total	628.51051750494
Say For Unit 1 (Grand Total/9.3)	67.5817760758

Item 10

Painting (AR0921): Finishing wall One Coat with distemper of approved shades on old 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 One Coat with distemper of approved shades on old work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	70.1	116.366	20.94588
LR001 : Male mulia	0.4	Per day	452	180.8	0
LR048 : Painter/ Polisher	0.33	Per day	602	198.66	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	0.36677	0.6088382	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	0	0	0

Total Amount (a+b+c)

496.4348382

Total GST (a)

20.94588

LABOUR CESS @ 1% (+)

5.173807182

Grand Total

522.554525382

Say For Unit 1 (Grand Total/10)

52.2554525382

Item 11

Painting (AR0903i): Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work
Painting two coats of enamel paint in outer surface paint (outer surface)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	1.25	Per day	602	752.5	0
LR001 : Male mulia	1.1	Per day	452	497.2	0
BRM141 : Enamel paint	1.1625	1 Litre	205.34	238.70775	42.967395

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.36677	0.426370125	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0
Total Amount (a+b+c)				1488.834120125	
Total GST (a)				42.967395	
LABOUR CESS @ 1% (+)				15.31801515125	
Grand Total				1547.1195302762	
Say For Unit 1 (Grand Total/9.3)				166.35693873938	

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