

Analysis

**OD/346/3304/275595/393659/00066301 : Repair and Maintenance of Chandimata Uchha
Vidya Pitha Goliha
Block : Khaira, Gram Panchayat : Goliha
Created By:Narayan Sahu**

Item 1					
Flooring (AR0817adk): Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) 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(For repair and maintenance).					
Sub-Item of Work First Floor					
a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRMM332 : Vitrified Floor Tile 600mm x 1200mm size of approved shade and make (Single Charge) (New miscellaneous Materials)	10	1 Sqm.	611.26	6112.6	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.4775	Per day	612	2128.23	0
LR001 : Male mulia	3.4775	Per day	462	1606.605	0
LR008 : Sangi mulia	8.132	Per day	512	4163.584	0
BRM340 : Cement	1.375	1 Qntl.	537.2	738.65	132.957
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	76.88	11.532	0
b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	1.375	1 Qntl.	24.787	34.082125	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	981.51	147.2265	0
c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	442.25	66.3375	0
Total Amount (a+b+c)				15093.847125	
Total GST (a)					132.957
OVERHEAD CHARGES @ 7.5% (+)					1142.010309375
CONTRACTOR PROFIT @ 7.5% (+)					1227.6610825781

LABOUR CESS @ 1% (+)	175.96475516953
Grand Total	17772.440272123
Say For Unit 1 (Grand Total/10)	1777.2440272123

Item 2

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
First floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2017.18	153.30568	0
BRM340 : Cement	1.074	1 Qntl.	537.2	576.9528	103.851504
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	76.88	16.1448	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	0
LR001 : Male mulia	2.268	Per day	462	1047.816	0
LR044 : Mason	2.268	Per day	612	1388.016	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	24.787	1.883812	0
BRM340 : Cement	1.074	1 Qntl.	24.787	26.621238	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	981.51	206.1171	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.	9.6011111	96.011111	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	442.25	92.8725	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 Sq.m.	0	0	0
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Total Amount (a+b+c)	10116.541041
Total GST (a)	103.851504
OVERHEAD CHARGES @ 7.5% (+)	766.529440875
CONTRACTOR PROFIT @ 7.5% (+)	824.01914894062
LABOUR CESS @ 1% (+)	118.10941134816
Grand Total	11929.050546164
Say For Unit 1 (Grand Total/10)	1192.9050546164

Item 3

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
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.1133	Per day	462	52.3446	0
LR001 : Male mulia	0.1339	Per day	462	61.8618	0
LR025 : Mason	0.1648	Per day	562	92.6176	0
BRM340 : Cement	0.043	1 Qntl.	537.2	23.0996	4.157928
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.88	1.38384	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	24.787	1.065841	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	981.51	17.66718	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	442.25	7.9605	0

Total Amount (a+b+c)	258.000961
Total GST (a)	4.157928
OVERHEAD CHARGES @ 7.5% (+)	19.661916675
CONTRACTOR PROFIT @ 7.5% (+)	21.136560425625

LABOUR CESS @ 1% (+)	3.0295736610063
Grand Total	305.98693976163
Say For Unit 1 (Grand Total/1)	305.98693976163

Item 4

Plastering (AR1027): 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.1236	Per day	462	57.1032	0
LR002 : Female mulia	0.0515	Per day	462	23.793	0
LR025 : Mason	0.1442	Per day	562	81.0404	0
BRM340 : Cement	0.0372	1 Qntl.	537.2	19.98384	3.5970912
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	76.88	0.5766	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	24.787	0.9220764	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	981.51	7.361325	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	442.25	3.316875	0

Total Amount (a+b+c)	194.0973164
Total GST (a)	3.5970912
OVERHEAD CHARGES @ 7.5% (+)	14.82708057
CONTRACTOR PROFIT @ 7.5% (+)	15.93911161275
LABOUR CESS @ 1% (+)	2.2846059978275
Grand Total	230.74520578058
Say For Unit 1 (Grand Total/1)	230.74520578058

Item 5

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.	6186.01	3142.49308	565.6487544
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.	24.787	12.591796	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)					7363.584876
Total GST (a)					565.6487544
OVERHEAD CHARGES @ 7.5% (+)					594.69252228
CONTRACTOR PROFIT @ 7.5% (+)					639.294461451
LABOUR CESS @ 1% (+)					91.63220614131
Grand Total					9254.8528202723
Say For Unit 1 (Grand Total/0.508)					18218.214213134

Item 6

Other Building Items. (AR1909): Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge

Sub-Item of Work
Al. door with OEL anodized Al. door section of 9202 as vertical member

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	3	Per day	462	1386	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	2.3	Per day	512	1177.6	0
LR027 : Carpenter	1.68	Per day	562	944.16	0
LR045 : Carpenter	0.42	Per day	612	257.04	0
BRM281 : Prelaminated particle board (standard type) (I.S.I.) 12mm	2.38	Sqm	710.82	1691.7516	0
BRMMR0019 : Aluminium Screws adhesive	1	L.S.	50	50	0
BRMMR0008 : Hire charges of drills machine	1.5	Day	100	150	0
BRMMR0018 : 6-Level mortice lock	1	Each	600	600	0
BRMMR0017 : Handle	2	Each	62.5	125	0
BRMMR0016 : Door Stopper	1	Each	25	25	0
BRMMR0011 : U rubber beading	18.29	Mtr	15	274.35	0
BRMMR0015 : 4 Anodised Al. Hinges	4	Each	39	156	0
BRM304 : Aluminium extruded section	25.5351	kg	297.97	7608.693747	0

Total Amount (a+b+c)	14445.595347
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	1083.419651025
CONTRACTOR PROFIT @ 7.5% (+)	1164.6761248519
LABOUR CESS @ 1% (+)	166.93691122877
Grand Total	16860.628034106
Say For Unit 1 (Grand Total/2.16)	7805.8463120859

Item 7

Other Building Items. (AR1902): Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sub-Item of Work
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0

LR001 : Male mulia	0.5871	Per day	462	271.2402	0
LR025 : Mason	0.515	Per day	562	289.43	0
Total Amount (a+b+c)				800.6702	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				60.050265	
CONTRACTOR PROFIT @ 7.5% (+)				64.554034875	
LABOUR CESS @ 1% (+)				9.25274499875	
Grand Total				934.52724487375	
Say For Unit 1 (Grand Total/10)				93.452724487375	

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