

Analysis

**OD/356/3394/118253/401756/00069978 : Completion of Sri Durga CC, Ichhanagarpatana
Block : Badchana, Gram Panchayat : Chhatia
Created By: Rabindra Kumar Pradhan**

Item 1

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.	543.88	23.38684	4.2096312
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	536.41	9.65538	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	274.25	4.9365	0

Total Amount (a+b+c)	247.252401
Total GST (a)	4.2096312
OVERHEAD CHARGES @ 7.5% (+)	18.859652415
CONTRACTOR PROFIT @ 7.5% (+)	20.274126346125
LABOUR CESS @ 1% (+)	2.9059581096112
Grand Total	293.50176907074
Say For Unit 1 (Grand Total/1)	293.50176907074

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	2006	152.456	0
BRM340 : Cement	1.074	1 Qntl.	543.88	584.12712	105.1428816
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	536.41	112.6461	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.	16.1466671	161.466671	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	274.25	57.5925	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

Total Amount (a+b+c)	10059.570241
Total GST (a)	105.1428816
OVERHEAD CHARGES @ 7.5% (+)	762.353484195

CONTRACTOR PROFIT @ 7.5% (+)	819.52999550963
LABOUR CESS @ 1% (+)	117.46596602305
Grand Total	11864.062568328
Say For Unit 1 (Grand Total/10)	1186.4062568328

Item 3

Flooring (AR0817b): Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work
First floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 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	10	1 Sqm.	405.2	4052	0
LR001 : Male mulia	3.4125	Per day	462	1576.575	0
LR044 : Mason	3.4125	Per day	612	2088.45	0
BRM340 : Cement	1.375	1 Qntl.	543.88	747.835	134.6103
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
BRM129 : Tiles up to 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	10	1 Sqm.	16.1466671	161.466671	0
BRM340 : Cement	1.375	1 Qntl.	24.787	34.082125	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	536.41	80.4615	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 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	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	274.25	41.1375	0

Total Amount (a+b+c)	8793.539796
Total GST (a)	134.6103
OVERHEAD CHARGES @ 7.5% (+)	669.6112572
CONTRACTOR PROFIT @ 7.5% (+)	719.83210149
LABOUR CESS @ 1% (+)	103.1759345469
Grand Total	10420.769389237
Say For Unit 1 (Grand Total/10)	1042.0769389237

Item 4

Flooring (AR0816g): Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) 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 Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM125 : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	2090	20900	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	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.	543.88	1488.59956	267.9479208
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	76.88	9.9944	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM125 : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	16.1466671	161.466671	0
BRM340 : Cement	2.737	1 Qntl.	24.787	67.842019	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	536.41	69.7333	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM125 : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	32.89	328.9	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	274.25	35.6525	0

Total Amount (a+b+c)	28283.02845
Total GST (a)	267.9479208
OVERHEAD CHARGES @ 7.5% (+)	2141.32322781
CONTRACTOR PROFIT @ 7.5% (+)	2301.9224698957
LABOUR CESS @ 1% (+)	329.94222068506
Grand Total	33324.164289191
Say For Unit 1 (Grand Total/10)	3332.4164289191

Item 5

Flooring (AR0817am): Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) 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 Granite tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM125 : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	2090	20900	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.	543.88	747.835	134.6103
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
BRM125 : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	16.1466671	161.466671	0
BRM340 : Cement	1.375	1 Qntl.	24.787	34.082125	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	536.41	80.4615	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM125 : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	32.89	328.9	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	274.25	41.1375	0

Total Amount (a+b+c)	29772.114796
Total GST (a)	134.6103

OVERHEAD CHARGES @ 7.5% (+)	2243.0043822
CONTRACTOR PROFIT @ 7.5% (+)	2411.229710865
LABOUR CESS @ 1% (+)	345.60959189065
Grand Total	34906.568780956
Say For Unit 1 (Grand Total/10)	3490.6568780956

Item 6

Other Building Items. (AR1911): Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge

Sub-Item of Work
Stainless steel of 304 grade in hand railing using 50mm dia of 2mm

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	0.89	Per day	512	455.68	0
LR047 : Fitter	0.89	Per day	612	544.68	0
BRMMR0024 : Buffing, Polishing etc.	1	L.S.	178.42	178.42	0
BRMMR0023 : Fabrication	34.16	kg	10	341.6	0
BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	16.63	kg	256.62	4267.5906	0
BRMMR0021 : Balustrade of size 30mmx32mmx2mm	6.12	kg	256.62	1570.5144	0
BRMMR0020 : Railing 50mm outer dia of 2mm thick	11.41	kg	240.24	2741.1384	0

Total Amount (a+b+c)	10099.6234
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	757.471755
CONTRACTOR PROFIT @ 7.5% (+)	814.282136625
LABOUR CESS @ 1% (+)	116.71377291625
Grand Total	11788.091064541
Say For Unit 1 (Grand Total/3.26)	3615.9788541538

Item 7

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.	6374.89	3238.44412	582.9199416
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)	7459.535916
Total GST (a)	582.9199416
OVERHEAD CHARGES @ 7.5% (+)	603.18418932
CONTRACTOR PROFIT @ 7.5% (+)	648.423003519
LABOUR CESS @ 1% (+)	92.94063050439
Grand Total	9387.0036809434
Say For Unit 1 (Grand Total/0.508)	18478.353702644

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