

## Analysis

**OD/369/3545/121067/409891/00063143 : Construction of Gobindpur Kothaghara Community Centre, Chalisibatia GP**  
**Block : Sadar, Gram Panchayat : Chalisibatia**  
**Created By: SAMBEET SATAPATHY**

<b>Item 1</b>
<b>Concrete (AR0307):</b> Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specification and direction of Engineer-in charge.
Sub-Item of Work <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	3.2	Per day	462	1478.4	0
<b>LR025</b> : Mason	0.68	Per day	562	382.16	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	570.62	1843.1026	331.758468
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	75	33.75	0
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	1396.62	1256.958	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	35.488	114.62624	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	731.71	329.2695	0
<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	1018.31	916.479	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	75.25	33.8625	0

<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	170.5	153.45	0
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<b>Total Amount (a+b+c)</b>	7188.85784
<b>Total GST (a)</b>	331.758468
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	564.0462231
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	606.3496898325
<b>LABOUR CESS @ 1% (+)</b>	86.910122209325
<b>Grand Total</b>	8777.9223431418
<b>Say For Unit 1 (Grand Total/1)</b>	8777.9223431418

## Item 2

**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
<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	2098.83	20988.3	0
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>LR001</b> : Male mulia	2.16	Per day	462	997.92	0
<b>LR044</b> : Mason	2.16	Per day	612	1321.92	0
<b>LR008</b> : Sangi mulia	5.5	Per day	512	2816	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	570.62	1561.78694	281.1216492
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	75	9.75	0

### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	12.5466113	125.466113	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	35.488	97.130656	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	731.71	95.1223	0

### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	32.89	328.9	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	75.25	9.7825	0

<b>Total Amount (a+b+c)</b>	28437.078509				
<b>Total GST (a)</b>	281.1216492				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	2153.865011865				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	2315.4048877549				
<b>LABOUR CESS @ 1% (+)</b>	331.8747005782				
<b>Grand Total</b>	33519.344758398				
<b>Say For Unit 1 (Grand Total/10)</b>	3351.9344758398				

### Item 3

**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
<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	2098.83	20988.3	0
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>LR044</b> : Mason	3.25	Per day	612	1989	0
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR008</b> : Sangi mulia	7.6	Per day	512	3891.2	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	570.62	784.6025	141.22845
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	75	11.25	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	12.5466113	125.466113	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	35.488	48.796	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	731.71	109.7565	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	10	1 Sqm.	32.89	328.9	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	75.25	11.2875	0

<b>Total Amount (a+b+c)</b>	29875.058613				
<b>Total GST (a)</b>	141.22845				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	2251.221529725				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	2420.0631444544				
<b>LABOUR CESS @ 1% (+)</b>	346.87571737179				
<b>Grand Total</b>	35034.447454551				
<b>Say For Unit 1 (Grand Total/10)</b>	3503.4447454551				

#### Item 4

**Wood Work (AR1203b):** Supplying, fitting and fixing of 32mm non sal wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats, etc. fitted and fixed complete in all respect. including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge

Sub-Item of Work

**Supplying, fitting and fixing of 32mm non teak wood panelled shutters moulded panels**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06656	1Cum.	58374.79	3885.4260224	0
<b>BRM195</b> : M.S. Screw (I.S.I.) 25x4mm	30	100 pcs	0.4523	13.569	0
<b>BRM226</b> : Aluminium tower bolt (Barrel type) (I.S.I.) 300mm x10mm	1	Each	72.31	72.31	0
<b>BRM222</b> : Aluminium handle (I.S.I.) 150mm with 175mm x 40mm flat	1	Each	35	35	0
<b>BRM181</b> : Butt hinges (I.S.I.) 100x58x1.90mm	3	Each	18	54	0
<b>LR001</b> : Male mulia	1	Per day	462	462	0
<b>LR027</b> : Carpenter	1	Per day	562	562	0
<b>LR011</b> : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	3.76	Per day	512	1925.12	0
<b>LR045</b> : Carpenter	3.76	Per day	612	2301.12	0
<b>BRMMR0034</b> : Wooden Hinged Cleat	2	Each	12.5	25	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06656	1Cum.	198.296	13.19858176	0

<b>c) Royalty Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.06656	1Cum.	0	0	0
<b>Total Amount (a+b+c)</b>	9348.74360416				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	701.155770312				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	753.7424530854				
<b>LABOUR CESS @ 1% (+)</b>	108.03641827557				
<b>Grand Total</b>	10911.678245833				
<b>Say For Unit 1 (Grand Total/1.88)</b>	5804.0841733154				

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