

## Analysis

**OD/347/3312/116387/380610/00014372 : Compl of Mandap at Harijanpada Gondpali**  
**Block : Bargarh, Gram Panchayat : Kuruan**  
**Created By:BERCIUS DUNGDUNG**

<b>Item 1</b>					
<b>Concrete (AR0303):</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.					
Sub-Item of Work <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>					
<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	536.56	1228.7224	344.042272
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	67.93	32.6064	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	948.18	910.2528	0
<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	33.11	75.8219	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	367.15	176.232	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	367.15	352.464	0
<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	165.25	79.32	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	249.5	239.52	0
<b>Total Amount (a+b+c)</b>				4997.8995	
<b>Total GST (a)</b>				344.042272	
<b>LABOUR CESS @ 1% (+)</b>				53.41941772	
<b>Grand Total</b>				5395.36118972	
<b>Say For Unit 1 (Grand Total/1)</b>				5395.36118972	

**Item 2**

**Flooring (AR0817aa):** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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.

Sub-Item of Work

**Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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>BRM131</b> : 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
<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.	536.56	737.77	206.5756
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	67.93	10.1895	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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.	11.8920557	118.920557	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	33.11	45.52625	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	367.15	55.0725	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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
<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	165.25	24.7875	0

**Total Amount (a+b+c)**

14969.766307

<b>Total GST (a)</b>	206.5756
<b>LABOUR CESS @ 1% (+)</b>	151.76341907
<b>Grand Total</b>	15328.10532607
<b>Say For Unit 1 (Grand Total/10)</b>	1532.810532607

### Item 3

**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
<b>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	536.56	576.26544	161.3543232
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	67.93	14.2653	0
<b>BRM131</b> : 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
<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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	33.11	2.51636	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	33.11	35.56014	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	367.15	77.1015	0
<b>BRM131</b> : 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.	11.8920557	118.920557	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	0	0	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	0	0	0

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	165.25	34.7025	0
<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm conforming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0

<b>Total Amount (a+b+c)</b>	9843.277477
<b>Total GST (a)</b>	161.3543232
<b>LABOUR CESS @ 1% (+)</b>	100.046318002
<b>Grand Total</b>	10104.678118202
<b>Say For Unit 1 (Grand Total/10)</b>	1010.4678118202

#### Item 4

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

<b>Total Amount (a+b+c)</b>	10099.6234
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	100.996234
<b>Grand Total</b>	10200.619634
<b>Say For Unit 1 (Grand Total/3.26)</b>	3129.0244276074

#### 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	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	536.56	23.07208	6.4601824
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	67.93	1.22274	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	33.11	1.42373	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	367.15	6.6087	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	165.25	2.9745	0

<b>Total Amount (a+b+c)</b>					236.10175
<b>Total GST (a)</b>					6.4601824
<b>LABOUR CESS @ 1% (+)</b>					2.425619324
<b>Grand Total</b>					244.987551724
<b>Say For Unit 1 (Grand Total/1)</b>					244.987551724

**Item 6**

**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

<b>BRM340</b> : Cement	0.0358	1 Qntl.	536.56	19.208848	5.37847744
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	67.93	1.01895	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0358	1 Qntl.	33.11	1.185338	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	367.15	5.50725	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0358	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	165.25	2.47875	0

<b>Total Amount (a+b+c)</b>	163.519136
<b>Total GST (a)</b>	5.37847744
<b>LABOUR CESS @ 1% (+)</b>	1.6889761344
<b>Grand Total</b>	170.5865895744
<b>Say For Unit 1 (Grand Total/1)</b>	170.5865895744

**Item 7**

**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

**6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	0.12	Per day	462	55.44	0
<b>LR002</b> : Female mulia	0.05	Per day	462	23.1	0
<b>LR025</b> : Mason	0.14	Per day	562	78.68	0
<b>BRM340</b> : Cement	0.0372	1 Qntl.	536.56	19.960032	5.58880896
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	67.93	0.509475	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0372	1 Qntl.	33.11	1.231692	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	367.15	2.753625	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM340</b> : Cement	0.0372	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	165.25	1.239375	0
<b>Total Amount (a+b+c)</b>			182.914199		
<b>Total GST (a)</b>			5.58880896		
<b>LABOUR CESS @ 1% (+)</b>			1.8850300796		
<b>Grand Total</b>			190.3880380396		
<b>Say For Unit 1 (Grand Total/1)</b>			190.3880380396		

### Item 8

**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  
**cement based wall putty (water based)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMMR0038</b> : Cement based putty	8	kg	30	240	0
<b>LR001</b> : Male mulia	0.57	Per day	462	263.34	0
<b>LR025</b> : Mason	0.5	Per day	562	281	0

<b>Total Amount (a+b+c)</b>			784.34		
<b>Total GST (a)</b>			0		
<b>LABOUR CESS @ 1% (+)</b>			7.8434		
<b>Grand Total</b>			792.1834		
<b>Say For Unit 1 (Grand Total/10)</b>			79.21834		

### Item 9

**Painting (AR0901d):** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work  
**Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	157.14	122.757768	0
<b>LR048</b> : Painter/ Polisher	0.5	Per day	612	306	0
<b>LR001</b> : Male mulia	0.5	Per day	462	231	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.3311	0.25865532	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	660.01642332				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	6.6001642332				
<b>Grand Total</b>	666.6165875532				
<b>Say For Unit 1 (Grand Total/9.3)</b>	71.67920296271				

<b>Item 10</b>
<b>Painting (AR0922):</b> Finishing wall two coats with distemper of approved shades on new 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 <b>Finishing wall two coats with distemper of approved shades on new work (Inside)</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.52	Per day	612	318.24	0
BRM142 : Distemper	2.5	1 Kg.	70.1	175.25	0
LR001 : Male mulia	0.62	Per day	462	286.44	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.3311	0.82775	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

<b>Total Amount (a+b+c)</b>	780.75775				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	7.8075775				
<b>Grand Total</b>	788.5653275				
<b>Say For Unit 1 (Grand Total/10)</b>	78.85653275				

**Item 11**

**Painting (AR0918ca):** Finishing wall surface two coats with weather coat with one coat oilbound 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 oilbound Primer**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918f)</b>					
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
<b>Combine :: Painting (AR0901ci)</b>					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	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	0.3311	0.0413875	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.3311	0.0278124	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	155.31788538387
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	1.5531788538387
<b>Grand Total</b>	156.87106423771
<b>Say For Unit 1 (Grand Total/1)</b>	156.87106423771

**DEBIPRASAD DAS**  
**JE**  
**Bargarh Block**

**SANTOSH KUMAR BEHERA**  
**AEE**  
**Bargarh Block**

**BERCIUS DUNGUNG**  
**BDO**  
**Bargarh Block**