

## Analysis

**OD/353/3357/117439/414726/00067263 : Construction of hanuman mandap at adagaon**  
**Block : Gosani, Gram Panchayat : Badakathuru**  
**Created By:GOURA CHANDRA PATNAIK**

<b>Item 1</b>
<b>Earth Work (AR0115):</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work <b>Filling foundation and plinth with sand well watered and rammed</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	601.51	60151	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	279.25	27925	0

<b>Total Amount (a+b+c)</b>	100980.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	7573.524
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	8141.5383
<b>LABOUR CESS @ 1% (+)</b>	1166.953823
<b>Grand Total</b>	117862.336123
<b>Say For Unit 1 (Grand Total/100)</b>	1178.62336123

<b>Item 2</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>

a) Specific Rate Details
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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.	564.56	1292.8424	232.711632
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	54.512	124.83248	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	601.51	288.7248	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	601.51	577.4496	0

**c) Royalty Rate Details**

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	279.25	134.04	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	269.5	258.72	0

<b>Total Amount (a+b+c)</b>	5571.91168
<b>Total GST (a)</b>	232.711632
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	435.3467484
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	467.99775453
<b>LABOUR CESS @ 1% (+)</b>	67.0796781493
<b>Grand Total</b>	6775.0474930793
<b>Say For Unit 1 (Grand Total/1)</b>	6775.0474930793

**Item 3**

**Masonry Brick Work (AR0603di):** Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance  $\pm 8$  percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

**C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0

<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	1 Cum	33	33	0
<b>BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance ± 8 percent.</b>	350	1000 Nos	4.23196	1481.186	0
<b>BRM340 : Cement</b>	1	1 Qntl.	564.56	564.56	101.6208
<b>LR001 : Male mulia</b>	2.82	Per day	462	1302.84	0
<b>LR025 : Mason</b>	1.05	Per day	562	590.1	0
<b>LR044 : Mason</b>	0.35	Per day	612	214.2	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1 Cum	76.88	21.5264	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance ± 8 percent.</b>	350	1000 Nos	1.600475	560.16625	0
<b>BRM340 : Cement</b>	1	1 Qntl.	54.512	54.512	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1 Cum	601.51	168.4228	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance ± 8 percent.</b>	350	1000 Nos	0.04025	14.0875	0
<b>BRM340 : Cement</b>	1	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1 Cum	279.25	78.19	0

<b>Total Amount (a+b+c)</b>	5147.47095
<b>Total GST (a)</b>	101.6208
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	393.68188125
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	423.20802234375
<b>LABOUR CESS @ 1% (+)</b>	60.659816535937
<b>Grand Total</b>	6126.6414701297
<b>Say For Unit 1 (Grand Total/1)</b>	6126.6414701297

#### Item 4

**Plastering (AR1017):** 20mm thick cement Plaster in CM (1:4) over stone 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

**20mm thick cement Plaster in CM (1:4) over masonry work in inside.**

<b>a) Specific Rate Details</b>					
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	0.0744	1 Qntl.	564.56	42.003264	7.56058752
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	76.88	1.61448	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0744	1 Qntl.	54.512	4.0556928	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	601.51	12.63171	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0744	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	279.25	5.86425	0

<b>Total Amount (a+b+c)</b>					266.9693968
<b>Total GST (a)</b>					7.56058752
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					20.589748824
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					22.1339799858
<b>LABOUR CESS @ 1% (+)</b>					3.172537131298
<b>Grand Total</b>					320.4262502611
<b>Say For Unit 1 (Grand Total/1)</b>					320.4262502611

<b>Item 5</b>
<b>Plastering (AR1004):</b> 12mm thick cement plster (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 <b>12mm thick cement plster (1:6) over Brick work in inside</b>

<b>a) Specific Rate Details</b>					
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
BRM340 : Cement	0.0358	1 Qntl.	564.56	20.211248	3.63802464
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.88	1.1532	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	54.512	1.9515296	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	601.51	9.02265	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	279.25	4.18875	0

<b>Total Amount (a+b+c)</b>	170.6473776				
<b>Total GST (a)</b>	3.63802464				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13.071405168				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	14.0517605556				
<b>LABOUR CESS @ 1% (+)</b>	2.014085679636				
<b>Grand Total</b>	203.42265364324				
<b>Say For Unit 1 (Grand Total/1)</b>	203.42265364324				

#### Item 6

**Flooring (AR0816e):** Fixing Granite Tiles Up to 0.10 Sqm. 10mm 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 Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1**

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM123 : Granite Tiles Up to 0.10 Sqm. (10mm thick)	10	1 Sqm.	1181.85	11818.5	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.	564.56	1545.20072	278.1361296
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	76.88	9.9944	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM123 : Granite Tiles Up to 0.10 Sqm. (10mm thick)	10	1 Sqm.	17.7830561	177.830561	0
BRM340 : Cement	2.737	1 Qntl.	54.512	149.199344	0

BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	601.51	78.1963	0
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**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM123 : Granite Tiles Up to 0.10 Sqm. (10mm thick)	10	1 Sqm.	16.45	164.5	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	279.25	36.3025	0

<b>Total Amount (a+b+c)</b>	19200.563825
<b>Total GST (a)</b>	278.1361296
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1460.902496595
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1570.4701838396
<b>LABOUR CESS @ 1% (+)</b>	225.10072635035
<b>Grand Total</b>	22735.173361385
<b>Say For Unit 1 (Grand Total/10)</b>	2273.5173361385

**Item 7**

**Painting (AR0922):** 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

**Finishing wall two coats with distemper of approved shades on new work (Inside)**

**a) Specific Rate Details**

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) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0.54512	1.3628	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	2.5	1 Kg.	0	0	0

<b>Total Amount (a+b+c)</b>	781.2928
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	58.59696
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	62.991732

<b>LABOUR CESS @ 1% (+)</b>	9.02881492
<b>Grand Total</b>	911.91030692
<b>Say For Unit 1 (Grand Total/10)</b>	91.191030692

### Item 8

**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.	564.56	24.27608	4.3696944
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.	54.512	2.344016	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	601.51	10.82718	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	279.25	5.0265	0

<b>Total Amount (a+b+c)</b>	244.657616
<b>Total GST (a)</b>	4.3696944
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	18.67704828
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	20.077826901
<b>LABOUR CESS @ 1% (+)</b>	2.87782185581
<b>Grand Total</b>	290.66000743681
<b>Say For Unit 1 (Grand Total/1)</b>	290.66000743681

**SURENDRANATH MISHRA**  
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