

Analysis

**OD/353/3357/117448/414643/00067636 : Construction of paver block road at jadimma temple
at old kerandi**

**Block : Gosani, Gram Panchayat : Kerandi
Created By:GOURA CHANDRA PATNAIK**

Item 1
Concrete (AR0303): 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 Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details					
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

Total Amount (a+b+c)	5571.91168
Total GST (a)	232.711632
OVERHEAD CHARGES @ 7.5% (+)	435.3467484
CONTRACTOR PROFIT @ 7.5% (+)	467.99775453
LABOUR CESS @ 1% (+)	67.0796781493

Grand Total	6775.0474930793
Say For Unit 1 (Grand Total/1)	6775.0474930793

Item 2

Masonry Brick Work (AR0603b): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 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

Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	564.56	379.38432	68.2891776
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	5.14255	1799.8925	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	54.512	36.632064	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	601.51	168.4228	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	1.60035	560.1225	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	279.25	78.19	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	0	0	0

Total Amount (a+b+c)	5215.990584
Total GST (a)	68.2891776
OVERHEAD CHARGES @ 7.5% (+)	396.32098212

CONTRACTOR PROFIT @ 7.5% (+)	426.045055779
LABOUR CESS @ 1% (+)	61.06645799499
Grand Total	6167.712257494
Say For Unit 1 (Grand Total/1)	6167.712257494

Item 3

miscellaneous (ARM287): Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	71.94	2.1582	0
BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	1 Sqm	608.4	608.4	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	601.51	18.0453	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	279.25	8.3775	0

Total Amount (a+b+c)	636.981
Total GST (a)	0
Grand Total	0
Say For Unit 1 (Grand Total/1)	0

Item 4

Earth Work (AR0115): 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

Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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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

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

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

Item 6

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.	6359.11	3230.42788	581.4770184
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.	54.512	27.692096	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)	7466.619976				
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Total GST (a)	581.4770184
OVERHEAD CHARGES @ 7.5% (+)	603.60727458
CONTRACTOR PROFIT @ 7.5% (+)	648.8778201735
LABOUR CESS @ 1% (+)	93.005820891535
Grand Total	9393.587910045
Say For Unit 1 (Grand Total/0.508)	18491.314783553

Item 7

Flooring (AR0816): Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	450.08	4500.8	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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	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

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	0	0	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

Total Amount (a+b+c)	11718.363825
Total GST (a)	278.1361296
OVERHEAD CHARGES @ 7.5% (+)	899.737496595
CONTRACTOR PROFIT @ 7.5% (+)	967.21780883963
LABOUR CESS @ 1% (+)	138.63455260035
Grand Total	14002.089812635
Say For Unit 1 (Grand Total/10)	1400.2089812635

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