

Analysis

**OD/355/3386/118057/398235/00073220 : Fixation of Paver Block Surrounding Snana mandap and Peripherial(Development/Completion) of Jagannath Jew Block : Balikuda, Gram Panchayat : Krushnadaspur
Created By:Sagar Kumar Nanda**

Item 1
Earth Work (AR0101b): Earth work in ordinary soil in embankments, roads, etc. within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per specification approved by the department along with proper compaction with P.R.R. including hire and running charges of P.R.R. (Measurement to be taken on the finished compacted section of the fill) direction of Engineer-in-Charge.
Sub-Item of Work Earth work in ordinary soil in embankments, roads, etc. within 50m initial lead and 1.5m initial lift

a) Specific Rate Details						
Particular	Quantity	Unit	Rate	Amount	GST	
PM024 : Smooth wheeled Roller 8 -10 tonne Soil compaction 70cum/hour	1.42857	per hour	524.7	749.570679	0	
LR002 : Female mulia	16	Per day	462	7392	0	
LR001 : Male mulia	16	Per day	462	7392	0	
Total Amount (a+b+c)	15533.570679					
Total GST (a)	0					
OVERHEAD CHARGES @ 7.5% (+)	1165.017800925					
CONTRACTOR PROFIT @ 7.5% (+)	1252.3941359944					
LABOUR CESS @ 1% (+)	179.50982615919					
Grand Total	18130.492442079					
Say For Unit 1 (Grand Total/100)	181.30492442079					

Item 2
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	
BRM029 : Sand for filling and road blinding	100	1 Cum	63.2	6320	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	536.41	53641	0
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c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	77.25	7725	0

Total Amount (a+b+c)	73396.32
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	5504.724
CONTRACTOR PROFIT @ 7.5% (+)	5917.5783
LABOUR CESS @ 1% (+)	848.186223
Grand Total	85666.808523
Say For Unit 1 (Grand Total/100)	856.66808523

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	63.2	1.896	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	536.41	16.0923	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	77.25	2.3175	0

Total Amount (a+b+c)	628.7058
Total GST (a)	0
Grand Total	0
Say For Unit 1 (Grand Total/1)	0

Item 4

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
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
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.	563.56	774.895	139.4811
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	71.71	10.7565	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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.	9.60111111	96.011111	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
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
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	77.25	11.5875	0

Total Amount (a+b+c)

14985.293736

Total GST (a)	139.4811
OVERHEAD CHARGES @ 7.5% (+)	1134.3581127
CONTRACTOR PROFIT @ 7.5% (+)	1219.4349711525
LABOUR CESS @ 1% (+)	174.78567919853
Grand Total	17653.353599051
Say For Unit 1 (Grand Total/10)	1765.3353599051

Item 5

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.	563.56	378.71232	68.1682176
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	71.71	20.0788	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.	24.787	16.656864	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	536.41	150.1948	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	1.7476	611.66	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	77.25	21.63	0

BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	0	0	0
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Total Amount (a+b+c)	5170.645284
Total GST (a)	68.1682176
OVERHEAD CHARGES @ 7.5% (+)	392.91101262
CONTRACTOR PROFIT @ 7.5% (+)	422.3793385665
LABOUR CESS @ 1% (+)	60.541038527865
Grand Total	6114.6448913144
Say For Unit 1 (Grand Total/1)	6114.6448913144

Item 6

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.	563.56	1290.5524	232.299432
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	71.71	34.4208	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	940.6	902.976	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	24.787	56.76223	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	536.41	257.4768	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1423.11	1366.1856	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	77.25	37.08	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	444.5	426.72	0

Total Amount (a+b+c)	6275.13383
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Total GST (a)	232.299432
OVERHEAD CHARGES @ 7.5% (+)	488.05749465
CONTRACTOR PROFIT @ 7.5% (+)	524.66180674875
LABOUR CESS @ 1% (+)	75.201525633988
Grand Total	7595.3540890327
Say For Unit 1 (Grand Total/1)	7595.3540890327

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