

Analysis

OD/353/3357/117456/414692/00013354 : Renovation of Crematorium at Tatipetti

Block : Gosani, Gram Panchayat : Tatipetti

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Item 1

Earth Work (AR0122Ai1): Earthwork in all kinds of soil within 50m to 75m 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 direction of the Engineer-in-charge.

Sub-Item of Work

Earthwork in all kinds of soil within 50m to 75m 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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Earth Work (AR0122Ai)					
LR002 : Female mulia	23.6767	Per day	452	10701.8684	0
LR001 : Male mulia	23.6767	Per day	452	10701.8684	0
Combine :: Earth Work (AR0107)					
LR001 : Male mulia	3	Per day	452	1356	0

Total Amount (a+b+c)	22759.7368
Total GST (a)	0
LABOUR CESS @ 1% (+)	227.597368
Grand Total	22987.334168
Say For Unit 1 (Grand Total/100)	229.87334168

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	71.94	7194	0
LR002 : Female mulia	12.36	Per day	452	5586.72	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	341.11	34111	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	160.25	16025	0

Total Amount (a+b+c)	62916.72				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	629.1672				
Grand Total	63545.8872				
Say For Unit 1 (Grand Total/100)	635.458872				

Item 3

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	552	99.36	0
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
BRM340 : Cement	2.29	1 Qntl.	294.14	673.5806	188.602568
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.	45	103.05	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0

BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	406.21	389.9616	0
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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)	4577.5874
Total GST (a)	188.602568
LABOUR CESS @ 1% (+)	47.66189968
Grand Total	4813.85186768
Say For Unit 1 (Grand Total/1)	4813.85186768

Item 4

R.C.C. Work (AR0402): Reinforced cement concrete (1:1.5:3) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)

Sub-Item of Work

Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting(To be used for minor repair work only)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	4.29	1 Qntl.	294.14	1261.8606	353.320968
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	3.2	Per day	452	1446.4	0
LR025 : Mason	0.68	Per day	552	375.36	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
BRM056 : 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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM340 : Cement	4.29	1 Qntl.	45	193.05	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	0
BRM056 : 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.	406.21	365.589	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	4.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	279.25	125.6625	0
BRM056 : 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.	269.5	242.55	0

Total Amount (a+b+c)	6088.3256
Total GST (a)	353.320968
LABOUR CESS @ 1% (+)	64.41646568
Grand Total	6506.06303368
Say For Unit 1 (Grand Total/1)	6506.06303368

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/cm ² 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	452	63.28	0
LR001 : Male mulia	2.82	Per day	452	1274.64	0
LR025 : Mason	1.05	Per day	552	579.6	0
LR044 : Mason	0.35	Per day	602	210.7	0

BRM340 : Cement	0.672	1 Qntl.	294.14	197.66208	55.3453824
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./Cm2 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.	45	30.24	0	
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	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 ± 2 %	350	1000 Nos	1.36475	477.6625	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./Cm2 with dimensional tolerance ± 2 %	350	1000 Nos	0.04025	14.0875	0	

Total Amount (a+b+c)	4842.99178
Total GST (a)	55.3453824
LABOUR CESS @ 1% (+)	48.983371624
Grand Total	4947.320534024
Say For Unit 1 (Grand Total/1)	4947.320534024

Item 6
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	452	49.72	0	
LR001 : Male mulia	0.13	Per day	452	58.76	0	

LR025 : Mason	0.16	Per day	552	88.32	0
BRM340 : Cement	0.043	1 Qntl.	294.14	12.64802	3.5414456
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.	45	1.935	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	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

Total Amount (a+b+c)	223.93334
Total GST (a)	3.5414456
LABOUR CESS @ 1% (+)	2.274747856
Grand Total	229.749533456
Say For Unit 1 (Grand Total/1)	229.749533456

Item 7

R.C.C. Work (AR0409): Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	8	Per day	452	3616	0
LR046 : Blacksmith	3	Per day	602	1806	0
LR010 : Mate	0.44	Per day	502	220.88	0
BRM162 : Binding Wire.	8	1 Kg.	90.1	720.8	0
BRM341 : Steel	10.5	1 Qntl.	4833.05	50747.025	9134.4645

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM341 : Steel	10.5	1 Qntl.	45	472.5	0
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c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

Total Amount (a+b+c)	57583.205
Total GST (a)	9134.4645
LABOUR CESS @ 1% (+)	667.176695
Grand Total	67384.846195
Say For Unit 1 (Grand Total/10)	6738.4846195

Item 8

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
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0
LR048 : Painter/ Polisher	0.5	Per day	602	301	0
LR001 : Male mulia	0.5	Per day	452	226	0

Total Amount (a+b+c)	651.234236
Total GST (a)	0
LABOUR CESS @ 1% (+)	6.51234236
Grand Total	657.74657836
Say For Unit 1 (Grand Total/9.3)	70.725438533333

Item 9

Painting (AR0920): Finishing wall two coats with plastic emulsion paint 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 plastic emulsion paint of approved shades on new work (Inside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	56.1015
LR048 : Painter/ Polisher	0.54	Per day	602	325.08	0
LR001 : Male mulia	0.64	Per day	452	289.28	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.45	0.5625	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0	0	0

Total Amount (a+b+c)	926.5975				
Total GST (a)	56.1015				
LABOUR CESS @ 1% (+)	9.82699				
Grand Total	992.52599				
Say For Unit 1 (Grand Total/10)	99.252599				

Item 10
Masonry Stone Work (AR0703): Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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 Random rubble H.G. stone of masonry.

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.41	Per day	452	637.32	0
LR001 : Male mulia	1.76	Per day	452	795.52	0
LR025 : Mason	1.41	Per day	552	778.32	0
LR044 : Mason	0.35	Per day	602	210.7	0
BRM340 : Cement	0.8151	1 Qntl.	294.14	239.753514	67.13098392
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	76.88	26.1392	0

BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	291.96	291.96	0
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.8151	1 Qntl.	45	36.6795	0
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	341.11	115.9774	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	406.21	406.21	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.8151	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	279.25	94.945	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	269.5	269.5	0

Total Amount (a+b+c)	3903.024614
Total GST (a)	67.13098392
LABOUR CESS @ 1% (+)	39.7015559792
Grand Total	4009.8571538992
Say For Unit 1 (Grand Total/1)	4009.8571538992

SUBHAM SARANGI
JE
Gosani Block

SASMITA KUMARI JENA
AEE
Gosani Block

GOURA CHANDRA PATNAIK
BDO
Gosani Block