

Analysis

OD/345/3295/115999/421122/00066591 : DEVELOPMENT OF RURAL HAAT AT KUMBHARI
Block : Saintala, Gram Panchayat : Kumbhari
Created By: PURUSOTTAM MIRDHA

Item 1
Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth 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 the direction of the Engineer-in-charge
Sub-Item of Work Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0
Total Amount (a+b+c)				23839.2	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1787.94
CONTRACTOR PROFIT @ 7.5% (+)					1922.0355
LABOUR CESS @ 1% (+)					275.491755
Grand Total					27824.667255
Say For Unit 1 (Grand Total/100)					278.24667255

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	462	5710.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	276.01	27601	0

c) Royalty Rate Details					
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Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	45.26	4526	0
Total Amount (a+b+c)				45031.32	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				3377.349	
CONTRACTOR PROFIT @ 7.5% (+)				3630.650175	
LABOUR CESS @ 1% (+)				520.39319175	
Grand Total				52559.71236675	
Say For Unit 1 (Grand Total/100)				525.5971236675	

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	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.	504.18	1154.5722	207.822996
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.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	276.01	132.4848	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	341.11	327.4656	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	45.26	21.7248	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	161.5	155.04	0

Total Amount (a+b+c)	4756.96608
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Total GST (a)	207.822996
OVERHEAD CHARGES @ 7.5% (+)	372.3591807
CONTRACTOR PROFIT @ 7.5% (+)	400.2861192525
LABOUR CESS @ 1% (+)	57.374343759525
Grand Total	5794.808719712
Say For Unit 1 (Grand Total/1)	5794.808719712

Item 4

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
BRM340 : Cement	0.0358	1 Qntl.	504.18	18.049644	3.24893592
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.88	1.1532	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	30.732	1.1002056	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	276.01	4.14015	0

c) Royalty Rate Details

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	45.26	0.6789	0

Total Amount (a+b+c)	159.2420996
Total GST (a)	3.24893592
OVERHEAD CHARGES @ 7.5% (+)	12.186827664
CONTRACTOR PROFIT @ 7.5% (+)	13.1008397388
LABOUR CESS @ 1% (+)	1.877787029228
Grand Total	189.65648995203
Say For Unit 1 (Grand Total/1)	189.65648995203

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.	504.18	338.80896	60.9856128
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.	30.732	20.651904	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	276.01	77.2828	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	1.01135	353.9725	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	45.26	12.6728	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)	4796.627864
Total GST (a)	60.9856128
OVERHEAD CHARGES @ 7.5% (+)	364.32101076
CONTRACTOR PROFIT @ 7.5% (+)	391.645086567
LABOUR CESS @ 1% (+)	56.13579574127

Grand Total	5669.7153698683
Say For Unit 1 (Grand Total/1)	5669.7153698683

Item 6

Flooring (AR0802ii): 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sub-Item of Work

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.14	Per day	462	64.68	0
LR002 : Female mulia	0.22	Per day	462	101.64	0
LR044 : Mason	0.13	Per day	612	79.56	0
BRM340 : Cement	0.0858	1 Qntl.	504.18	43.258644	7.78655592
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	76.88	0.92256	0
BRM057 : 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)(Hand broken)	0.023	1 Cum.	1085.19	24.95937	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	30.732	2.6368056	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	276.01	3.31212	0
BRM057 : 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)(Hand broken)	0.023	1 Cum.	341.11	7.84553	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	45.26	0.54312	0
BRM057 : 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)(Hand broken)	0.023	1 Cum.	161.5	3.7145	0

Total Amount (a+b+c)

333.0726496

Total GST (a)	7.78655592
OVERHEAD CHARGES @ 7.5% (+)	25.564440414
CONTRACTOR PROFIT @ 7.5% (+)	27.48177344505
LABOUR CESS @ 1% (+)	3.9390541937905
Grand Total	397.84447357284
Say For Unit 1 (Grand Total/1)	397.84447357284

Item 7

Roofing (AR1132i): Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sub-Item of Work

Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	333.12	3098.016	0
LR001 : Male mulia	2	Per day	462	924	0
LR047 : Fitter	1	Per day	612	612	0
LR045 : Carpenter	0.5	Per day	612	306	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	1.0110828	9.40307004	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	0	0	0

Total Amount (a+b+c)	4949.41907004
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	371.206430253
CONTRACTOR PROFIT @ 7.5% (+)	399.04691252197
LABOUR CESS @ 1% (+)	57.19672412815
Grand Total	5776.8691369431
Say For Unit 1 (Grand Total/9.3)	621.16872440249

Item 8

Painting (AR0918cb): Finishing wall two coats with weather coat with one coat waterbound 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 waterbound Primer

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918f)					
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
Combine :: Painting (AR0901di)					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	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	0.30732	0.038415	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.30732	0.027757935483871	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0	0	0

Total Amount (a+b+c)	159.13685841935
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.935264381452
CONTRACTOR PROFIT @ 7.5% (+)	12.83040921006
LABOUR CESS @ 1% (+)	1.8390253201087
Grand Total	185.74155733098
Say For Unit 1 (Grand Total/1)	185.74155733098

Item 9

Iron Work (AR1703): Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

Sub-Item of Work
Iron work wrought and put up in trusses and record racks

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM341 : Steel	0.508	1 Qntl.	6175.4	3137.1032	564.678576
LR001 : Male mulia	2.5	Per day	462	1155	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
LR026 : Black smith	1.25	Per day	562	702.5	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	30.732	15.611856	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)					6084.215056
Total GST (a)					564.678576
OVERHEAD CHARGES @ 7.5% (+)					498.6670224
CONTRACTOR PROFIT @ 7.5% (+)					536.06704908
LABOUR CESS @ 1% (+)					76.8362770348
Grand Total					7760.4639805148
Say For Unit 1 (Grand Total/0.508)					15276.503898651

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