

Analysis

**OD/365/3490/120105/389086/00013476 : CONSTRUCTION OF RURAL HATA AT
CHHENADHUA HATA
Block : Baripada, Gram Panchayat : Laxmiposi
Created By: Debendra Prasad Bal**

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
LABOUR CESS @ 1% (+)					238.392
Grand Total					24077.592
Say For Unit 1 (Grand Total/100)					240.77592

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	60.43	6043	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	471.31	47131	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST

BRM029 : Sand for filling and road blinding	100	1 Cum	602.25	60225	0
---	-----	-------	--------	-------	---

Total Amount (a+b+c)	119109.32
Total GST (a)	0
LABOUR CESS @ 1% (+)	1191.0932
Grand Total	120300.4132
Say For Unit 1 (Grand Total/100)	1203.004132

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.	620	1419.8	397.544	
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	66.85	32.088	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	471.31	226.2288	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	602.25	289.08	0	
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	551.5	529.44	0	

Total Amount (a+b+c)	6002.86268
Total GST (a)	397.544
LABOUR CESS @ 1% (+)	64.0040668
Grand Total	6464.4107468

Say For Unit 1 (Grand Total/1)	6464.4107468
--------------------------------	--------------

Item 4

Concrete (AR0307a): Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaicon and direction of Engineer-in charge.

Sub-Item of Work
Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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)	0.9	1 Cum.	1085.19	976.671	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	620	2002.6	560.728
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	66.85	30.0825	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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)	0.9	1 Cum.	601.51	541.359	0
BRM340 : Cement	3.23	1 Qntl.	30.732	99.26436	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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)	0.9	1 Cum.	551.5	496.35	0
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	602.25	271.0125	0

Total Amount (a+b+c)	7136.78886
Total GST (a)	560.728

LABOUR CESS @ 1% (+)	76.9751686
Grand Total	7774.4920286
Say For Unit 1 (Grand Total/1)	7774.4920286

Item 5

Plastering (AR1006): 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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 (1:4) over brickwork in inside

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.06	Per day	462	27.72	0
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR025 : Mason	0.15	Per day	562	84.3	0
BRM340 : Cement	0.0644	1 Qntl.	620	39.928	11.17984
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	66.85	1.00275	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0644	1 Qntl.	30.732	1.9791408	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	471.31	7.06965	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0644	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	602.25	9.03375	0

Total Amount (a+b+c)	194.1332908
Total GST (a)	11.17984
LABOUR CESS @ 1% (+)	2.053131308
Grand Total	207.366262108
Say For Unit 1 (Grand Total/1)	207.366262108

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.	620	53.196	14.89488
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	66.85	0.8022	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	471.31	5.65572	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.	601.51	13.83473	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	602.25	7.227	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.	551.5	12.6845	0

Total Amount (a+b+c)	366.8763256
Total GST (a)	14.89488
LABOUR CESS @ 1% (+)	3.817712056
Grand Total	385.588917656
Say For Unit 1 (Grand Total/1)	385.588917656

Item 7
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
BRM341 : Steel	0.508	1 Qntl.	6807.18	3458.04744	622.4485392
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)	6405.159296
Total GST (a)	622.4485392
LABOUR CESS @ 1% (+)	70.276078352
Grand Total	7097.883913552
Say For Unit 1 (Grand Total/0.508)	13972.212428252

Item 8

Roofing (AR1132): Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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 (0.30mm thick) in roof drilling hole in wind ties

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	317.5	2952.75	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
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	0.799032	7.4309976	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM149 : G.C.I. Sheet 0.30mm thick	9.3	1 Sqm	0	0	0

Total Amount (a+b+c)	4802.1809976				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	48.021809976				
Grand Total	4850.202807576				
Say For Unit 1 (Grand Total/9.3)	521.52718361032				

BHIM CHARAN TUDU
JE
Baripada Block

BHARAT CHANDRA BEHERA
AEE
Baripada Block

Debendra Prasad Bal
BDO
Baripada Block