

Analysis

OD/352/3349/117254/402546/00069110 : Repair & Maintenance of Bamuan Mini AWC building
Block : Bhuban, Gram Panchayat : Sura Pratap Pur
Created By: Ayushi Mohapatra

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	471.31	47131	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	311.25	31125	0

Total Amount (a+b+c)	91160.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	6837.024				
CONTRACTOR PROFIT @ 7.5% (+)	7349.8008				
LABOUR CESS @ 1% (+)	1053.471448				
Grand Total	106400.616248				
Say For Unit 1 (Grand Total/100)	1064.00616248				

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.	523.07	1197.8303	215.609454
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.	42.622	97.60438	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.	999.91	959.9136	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	311.25	149.4	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	446.5	428.64	0

Total Amount (a+b+c)	5954.91948
Total GST (a)	215.609454
OVERHEAD CHARGES @ 7.5% (+)	462.78967005
CONTRACTOR PROFIT @ 7.5% (+)	497.49889530375
LABOUR CESS @ 1% (+)	71.308174993537
Grand Total	7202.1256743473
Say For Unit 1 (Grand Total/1)	7202.1256743473

Item 4

Masonry Stone Work (AR0717): Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

Sub-Item of Work
Laterite stone masonry

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	523.07	299.19604	53.8552872
LR001 : Male mulia	1.21	Per day	462	559.02	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.175	Per day	612	107.1	0
LR008 : Sangi mulia	1.41	Per day	512	721.92	0
LR052 : Stone dresser/ Cutter	2.12	Per day	612	1297.44	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	76.88	18.4512	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	749.2	749.2	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	42.622	24.379784	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	471.31	113.1144	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	471.31	471.31	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	311.25	74.7	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	149.5	149.5	0

Total Amount (a+b+c)	5175.431424
Total GST (a)	53.8552872

OVERHEAD CHARGES @ 7.5% (+)	392.19650334
CONTRACTOR PROFIT @ 7.5% (+)	421.6112410905
LABOUR CESS @ 1% (+)	60.430944556305
Grand Total	6103.5254001868
Say For Unit 1 (Grand Total/1)	6103.5254001868

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.	523.07	22.49201	4.0485618
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.	42.622	1.832746	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	471.31	8.48358	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	311.25	5.6025	0

Total Amount (a+b+c)	240.594676
Total GST (a)	4.0485618
OVERHEAD CHARGES @ 7.5% (+)	18.348242835
CONTRACTOR PROFIT @ 7.5% (+)	19.724361047625
LABOUR CESS @ 1% (+)	2.8271584168262
Grand Total	285.54300009945
Say For Unit 1 (Grand Total/1)	285.54300009945

Item 6

Flooring (AR0802i): 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher 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 crusher 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.	523.07	44.879406	8.07829308
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	76.88	0.92256	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)	0.023	1 Cum.	1396.62	32.12226	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	42.622	3.6569676	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	471.31	5.65572	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)	0.023	1 Cum.	999.91	22.99793	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	311.25	3.735	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)	0.023	1 Cum.	446.5	10.2695	0

Total Amount (a+b+c)

370.1193436

Total GST (a)

8.07829308

OVERHEAD CHARGES @ 7.5% (+)

28.364822751

CONTRACTOR PROFIT @ 7.5% (+)	30.492184457325
LABOUR CESS @ 1% (+)	4.3705464388832
Grand Total	441.42519032721
Say For Unit 1 (Grand Total/1)	441.42519032721

Deepak Kumar Sahoo
JE
Bhuban Block

Ranjit Behera
AEE
Bhuban Block

Ayushi Mohapatra
BDO
Bhuban Block