

Analysis

OD/346/3309/116312/393737/00064851 : Repair & Maint. of AWC at Attapur -III Jena Sahi
Block : Soro, Gram Panchayat : Attapur
Created By:Satyanath Naik

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	907.91	90791	0

c) Royalty Rate Details					
-------------------------	--	--	--	--	--

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	442.25	44225	0
Total Amount (a+b+c)				147920.32	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				11094.024	
CONTRACTOR PROFIT @ 7.5% (+)				11926.0758	
LABOUR CESS @ 1% (+)				1709.404198	
Grand Total				172649.823998	
Say For Unit 1 (Grand Total/100)				1726.49823998	

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.	537.2	1230.188	221.43384
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.	24.787	56.76223	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	907.91	435.7968	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	497.35	477.456	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	442.25	212.28	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	552.5	530.4	0

Total Amount (a+b+c)	5838.18543
-----------------------------	------------

Total GST (a)	221.43384
OVERHEAD CHARGES @ 7.5% (+)	454.47144525
CONTRACTOR PROFIT @ 7.5% (+)	488.55680364375
LABOUR CESS @ 1% (+)	70.026475188937
Grand Total	7072.6739940827
Say For Unit 1 (Grand Total/1)	7072.6739940827

Item 4

R.C.C. Work (AR0410d): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm

Sub-Item of Work

Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	2.32	1Mtr	51.87	120.3384	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	58374.79	1272.570422	0
LR008 : Sangi mulia	2.75	Per day	512	1408	0
LR027 : Carpenter	2.75	Per day	562	1545.5	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	198.296	4.7194448	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	198.296	4.3228528	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	0	0	0

Total Amount (a+b+c)	4355.4511196
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	326.65883397
CONTRACTOR PROFIT @ 7.5% (+)	351.15824651775
LABOUR CESS @ 1% (+)	50.332682000878
Grand Total	5083.6008820886
Say For Unit 1 (Grand Total/4.2)	1210.3811624021

Item 5

Flooring (AR0820): 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including 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

2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.103	Per day	612	63.036	0
BRM340 : Cement	0.0754	1 Qntl.	537.2	40.50488	7.2908784
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	0.0754	1 Qntl.	24.787	1.8689398	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	907.91	10.89492	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.	497.35	11.43905	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0754	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	442.25	5.307	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.	552.5	12.7075	0

Total Amount (a+b+c)	345.1231098
Total GST (a)	7.2908784
OVERHEAD CHARGES @ 7.5% (+)	26.431049115
CONTRACTOR PROFIT @ 7.5% (+)	28.413377798625
LABOUR CESS @ 1% (+)	4.0725841511363

Grand Total	411.33099926476
Say For Unit 1 (Grand Total/1)	411.33099926476

Item 6

Dismantling (AR1618): Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.

Sub-Item of Work

Dismantling and removing doors, windows and ventilators

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1	Per day	462	462	0
LR001 : Male mulia	0.6	Per day	462	277.2	0
LR027 : Carpenter	0.5	Per day	562	281	0

Total Amount (a+b+c)	1020.2
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	76.515
CONTRACTOR PROFIT @ 7.5% (+)	82.253625
LABOUR CESS @ 1% (+)	11.78968625
Grand Total	1190.75831125
Say For Unit 1 (Grand Total/2.6)	457.98396586538

Item 7

Painting (AR0903b): Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Painting two coats of enamel paint with a coat of red oxide primer over iron surface

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0901b)					
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
BRM137 : Red oxide Primer	0.054	1 Litre	142.7	7.7058	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0
Combine :: Painting (AR0903)					
LR048 : Painter/ Polisher	0.13440860215054	Per day	612	82.258064516129	0
LR001 : Male mulia	0.11827956989247	Per day	462	54.645161290323	0
BRM141 : Enamel paint	0.125	1 Litre	205.34	25.6675	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.054	1 Litre	0.24787	0.01338498	0
BRM141 : Enamel paint	0.125	1 Litre	0.24787	0.03098375	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.054	1 Litre	0	0	0
BRM141 : Enamel paint	0.125	1 Litre	0	0	0

Total Amount (a+b+c)	228.06283002032				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	17.104712251524				
CONTRACTOR PROFIT @ 7.5% (+)	18.387565670389				
LABOUR CESS @ 1% (+)	2.6355510794224				
Grand Total	266.19065902166				
Say For Unit 1 (Grand Total/1)	266.19065902166				

Monalisa Pati
JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
Soro Block