

Analysis

OD/368/3534/120828/421611/00016568 : Construction of Cycle Stand at PHC at beltukuri
Block : Nuapada, Gram Panchayat : Beltukri
Created By:ROHITA BHOI

Item 1

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	276.01	27601	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	40.25	4025	0

Total Amount (a+b+c)				44406.72	
Total GST (a)				0	
LABOUR CESS @ 1% (+)				444.0672	
Grand Total				44850.7872	
Say For Unit 1 (Grand Total/100)				448.507872	

Item 2

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.	485.67	1112.1843	311.411604
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.	54.512	124.83248	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.	536.41	514.9536	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	40.25	19.32	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	149.5	143.52	0

Total Amount (a+b+c)	4901.79758				
Total GST (a)	311.411604				
LABOUR CESS @ 1% (+)	52.13209184				
Grand Total	5265.34127584				
Say For Unit 1 (Grand Total/1)	5265.34127584				

Item 3
Masonry Brick Work (AR0603ei): Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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 C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	452	63.28	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	400	1000 Nos	4.11387	1645.548	0
LR001 : Male mulia	2.96	Per day	452	1337.92	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.	485.67	326.37024	91.3836672
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	400	1000 Nos	0.69128	276.512	0
BRM340 : Cement	0.672	1 Qntl.	54.512	36.632064	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	276.01	77.2828	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	400	1000 Nos	0.04025	16.1	0
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	40.25	11.27	0

Total Amount (a+b+c)	4635.741504				
Total GST (a)	91.3836672				
LABOUR CESS @ 1% (+)	47.271251712				
Grand Total	4774.396422912				
Say For Unit 1 (Grand Total/1)	4774.396422912				

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	452	22.6	0
LR001 : Male mulia	0.07	Per day	452	31.64	0
LR025 : Mason	0.14	Per day	552	77.28	0
BRM340 : Cement	0.0358	1 Qntl.	485.67	17.386986	4.86835608
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.	54.512	1.9515296	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	40.25	0.60375	0

Total Amount (a+b+c)

156.7556156

Total GST (a)

4.86835608

LABOUR CESS @ 1% (+)

1.6162397168

Grand Total

163.2402113968

Say For Unit 1 (Grand Total/1)

163.2402113968

Item 5

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	452	63.28	0
LR002 : Female mulia	0.22	Per day	452	99.44	0
LR044 : Mason	0.13	Per day	602	78.26	0
BRM340 : Cement	0.0858	1 Qntl.	485.67	41.670486	11.66773608
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.	54.512	4.6771296	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	276.01	3.31212	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.	471.31	10.84013	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	40.25	0.483	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.	149.5	3.4385	0

Total Amount (a+b+c)	338.4461856
Total GST (a)	11.66773608
LABOUR CESS @ 1% (+)	3.5011392168
Grand Total	353.6150608968
Say For Unit 1 (Grand Total/1)	353.6150608968

Item 6

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	452	904	0
LR047 : Fitter	1	Per day	602	602	0
LR045 : Carpenter	0.5	Per day	602	301	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM150 : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	1.7934448	16.67903664	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)

4921.69503664

Total GST (a)

0

LABOUR CESS @ 1% (+)

49.2169503664

Grand Total

4970.9119870064

Say For Unit 1 (Grand Total/9.3)

534.50666526951

Item 7

Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work

Iron Doors and windows fixing

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM341 : Steel	0.508	1 Qntl.	5558.61	2823.77388	508.2792984
LR001 : Male mulia	3.25	Per day	462	1501.5	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
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	54.512	27.692096	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)	7059.965976
Total GST (a)	508.2792984
LABOUR CESS @ 1% (+)	75.682452744
Grand Total	7643.927727144
Say For Unit 1 (Grand Total/0.508)	15047.101825087

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