

Analysis

OD/364/3484/120003/430155/00015290 : Const. of VSS building at Tangnitang

Block : Malkangiri, Panchayat : Serpalli

Created By:Tapan kumar senapati

Item 1

Earth Work (AR0102a3): Earthwork in hard soil or gravelly soil within 100m to 125m 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 direction of the Engineer-in-charge.

Sub-Item of Work

Earthwork in hard soil or gravelly soil within 100m to 125m lead and 1.5m, initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Earth Work (AR0102a)					
LR002 : Female mulia	21.5	Per day	452	9718	0
LR001 : Male mulia	21.5	Per day	452	9718	0
Combine :: Earth Work (AR0107b)					
LR001 : Male mulia	10.5	Per day	452	4746	0
Total Amount (a+b+c)				24182	
Total GST (a)					0
LABOUR CESS @ 1% (+)					241.82
Grand Total					24423.82
Say For Unit 1 (Grand Total/100)					244.2382

Item 2

Plastering (AR1004): 12mm thick cement plster (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 plster (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.	633.36	22.674288	6.34880064
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	471.31	7.06965	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)					164.9724176
Total GST (a)					6.34880064
LABOUR CESS @ 1% (+)					1.7132121824
Grand Total					173.0344304224
Say For Unit 1 (Grand Total/1)					173.0344304224

Item 3

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	452	49.72	0
LR001 : Male mulia	0.13	Per day	452	58.76	0
LR025 : Mason	0.16	Per day	552	88.32	0
BRM340 : Cement	0.043	1 Qntl.	633.36	27.23448	7.6256544
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.	54.512	2.344016	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	40.25	0.7245	0

Total Amount (a+b+c)	236.970416
Total GST (a)	7.6256544
LABOUR CESS @ 1% (+)	2.445960704
Grand Total	247.042031104
Say For Unit 1 (Grand Total/1)	247.042031104

Item 4
R.C.C. Work (AR0409): Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.
Sub-Item of Work Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	8	Per day	452	3616	0
LR046 : Blacksmith	3	Per day	602	1806	0
LR010 : Mate	0.44	Per day	502	220.88	0
BRM162 : Binding Wire.	8	1 Kg.	90.1	720.8	0
BRM341 : Steel	10.5	1 Qntl.	6415.68	67364.64	12125.6352

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	54.512	572.376	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

Total Amount (a+b+c)	74300.696
Total GST (a)	12125.6352
LABOUR CESS @ 1% (+)	864.263312

Grand Total	87290.594512
Say For Unit 1 (Grand Total/10)	8729.0594512

Item 5

Flooring (AR0817aa): Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	651.08	6510.8	1171.944
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.25	Per day	602	1956.5	0
LR001 : Male mulia	3.25	Per day	452	1469	0
LR008 : Sangi mulia	7.6	Per day	502	3815.2	0
BRM340 : Cement	1.375	1 Qntl.	633.36	870.87	243.8436
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	76.88	11.532	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	17.7830561	177.830561	0
BRM340 : Cement	1.375	1 Qntl.	54.512	74.954	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	471.31	70.6965	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	40.25	6.0375	0

Total Amount (a+b+c)	15048.420561
Total GST (a)	1415.7876
LABOUR CESS @ 1% (+)	164.64208161
Grand Total	16628.85024261
Say For Unit 1 (Grand Total/10)	1662.885024261

Item 6

Concrete (AR0304): Cement concrete (1:4:8) 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 (1:4:8) with 4 cm. hard granite(Crusher Broken) metal

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
LR025 : Mason	0.18	Per day	552	99.36	0
BRM340 : Cement	1.72	1 Qntl.	633.36	1089.3792	305.026176
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	601.51	577.4496	0
BRM340 : Cement	1.72	1 Qntl.	54.512	93.76064	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	471.31	226.2288	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	149.5	143.52	0
BRM340 : Cement	1.72	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	40.25	19.32	0

Total Amount (a+b+c)	5004.16064
Total GST (a)	305.026176
LABOUR CESS @ 1% (+)	53.09186816
Grand Total	5362.27868416
Say For Unit 1 (Grand Total/1)	5362.27868416

Item 7

R.C.C. Work (AR0404Aa): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centering and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: R.C.C. Work (AR0404A)					
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
LR001 : Male mulia	1.3333	Per day	452	602.6516	0
LR025 : Mason	0.1	Per day	552	55.2	0
LR010 : Mate	0.0573	Per day	502	28.7646	0
BRM340 : Cement	3.4733	1 Qntl.	633.36	2199.849288	615.95780064
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0

BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
Combine :: R.C.C. Work (AR0410c)					
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	58374.79	233.79103395	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	1Mtr.	30.81	5.82309	0
LR008 : Sangi mulia	0.075	Per day	502	37.65	0
LR027 : Carpenter	0.075	Per day	552	41.4	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	54.512	189.3365296	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	601.51	216.5436	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	601.51	324.8154	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	245.856	0.98465328	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	245.856	0.226433376	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	149.5	53.82	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	149.5	80.73	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	0	0	0

Total Amount (a+b+c)	5965.362028206
Total GST (a)	615.95780064
LABOUR CESS @ 1% (+)	65.81319828846
Grand Total	6647.1330271345
Say For Unit 1 (Grand Total/1)	6647.1330271345

Item 8

R.C.C. Work (AR0404Ab): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: R.C.C. Work (AR0404A)					
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
LR001 : Male mulia	1.3333	Per day	452	602.6516	0
LR025 : Mason	0.1	Per day	552	55.2	0
LR010 : Mate	0.0573	Per day	502	28.7646	0
BRM340 : Cement	3.4733	1 Qntl.	633.36	2199.849288	615.95780064
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
Combine :: R.C.C. Work (AR0410c)					
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	58374.79	779.3034465	0

BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1Mtr.	30.81	19.4103	0
LR008 : Sangi mulia	0.25	Per day	502	125.5	0
LR027 : Carpenter	0.25	Per day	552	138	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	54.512	189.3365296	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	601.51	216.5436	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	601.51	324.8154	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	245.856	3.2821776	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	245.856	0.75477792	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	149.5	53.82	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	149.5	80.73	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	0	0	0

Total Amount (a+b+c)	6711.73751962
Total GST (a)	615.95780064
LABOUR CESS @ 1% (+)	73.2769532026
Grand Total	7400.9722734626
Say For Unit 1 (Grand Total/1)	7400.9722734626

Item 9

R.C.C. Work (AR0404Ac): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centering and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bresher etc)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: R.C.C. Work (AR0404A)					
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
LR001 : Male mulia	1.3333	Per day	452	602.6516	0
LR025 : Mason	0.1	Per day	552	55.2	0
LR010 : Mate	0.0573	Per day	502	28.7646	0
BRM340 : Cement	3.4733	1 Qntl.	633.36	2199.849288	615.95780064
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
Combine :: R.C.C. Work (AR0410d)					
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	1Mtr	51.87	229.244652	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	58374.79	2424.24665391	0
LR008 : Sangi mulia	5.23875	Per day	502	2629.8525	0
LR027 : Carpenter	5.23875	Per day	552	2891.79	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	54.512	189.3365296	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	601.51	216.5436	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	601.51	324.8154	0
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	1Mtr	245.856	11.146865184	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	245.856	10.210153824	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	149.5	53.82	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	149.5	80.73	0
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	1Mtr	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	0	0	0

Total Amount (a+b+c)	13841.977642518
Total GST (a)	615.95780064
LABOUR CESS @ 1% (+)	144.57935443158
Grand Total	14602.51479759
Say For Unit 1 (Grand Total/1)	14602.51479759

Item 10

R.C.C. Work (AR0404Ad): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centering and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: R.C.C. Work (AR0404A)					
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
LR001 : Male mulia	1.3333	Per day	452	602.6516	0
LR025 : Mason	0.1	Per day	552	55.2	0
LR010 : Mate	0.0573	Per day	502	28.7646	0
BRM340 : Cement	3.4733	1 Qntl.	633.36	2199.849288	615.95780064
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
Combine :: R.C.C. Work (AR0410e)					
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	1Mtr.	41.81	157.602795	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	1Cum.	58374.79	4327.527494465	0
LR008 : Sangi mulia	2.24375	Per day	502	1126.3625	0
LR027 : Carpenter	2.24375	Per day	552	1238.55	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM340 : Cement	3.4733	1 Qntl.	54.512	189.3365296	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	601.51	216.5436	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	601.51	324.8154	0
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.049542	1Mtr.	245.856	12.180197952	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	1Cum.	245.856	18.226165776	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	149.5	53.82	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	149.5	80.73	0
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.049542	1Mtr.	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	1Cum.	0	0	0

Total Amount (a+b+c)	12525.935970793
Total GST (a)	615.95780064
LABOUR CESS @ 1% (+)	131.41893771433
Grand Total	13273.312709147
Say For Unit 1 (Grand Total/1)	13273.312709147

Item 11

R.C.C. Work (AR0404Ag): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centering and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: R.C.C. Work (AR0404A)					
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
LR001 : Male mulia	1.3333	Per day	452	602.6516	0
LR025 : Mason	0.1	Per day	552	55.2	0
LR010 : Mate	0.0573	Per day	502	28.7646	0
BRM340 : Cement	3.4733	1 Qntl.	633.36	2199.849288	615.95780064
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
Combine :: R.C.C. Work (AR0410a)					
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	1Mtr	51.87	322.714392	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	58374.79	2931.418504388	0
LR008 : Sangi mulia	3.05525	Per day	502	1533.7355	0
LR027 : Carpenter	3.05525	Per day	552	1686.498	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	54.512	189.3365296	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0

BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	601.51	216.5436	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	601.51	324.8154	0
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1Mtr	245.856	18.847075104	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	245.856	12.3461999232	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	149.5	53.82	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	149.5	80.73	0
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1Mtr	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	0	0	0

Total Amount (a+b+c)	12151.046489015
Total GST (a)	615.95780064
LABOUR CESS @ 1% (+)	127.67004289655
Grand Total	12894.674332552
Say For Unit 1 (Grand Total/1)	12894.674332552

Item 12

Painting (AR0920): Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sub-Item of Work

Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	56.1015
LR048 : Painter/ Polisher	0.54	Per day	602	325.08	0
LR001 : Male mulia	0.64	Per day	452	289.28	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.54512	0.6814	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0	0	0

Total Amount (a+b+c)					926.7164
Total GST (a)					56.1015
LABOUR CESS @ 1% (+)					9.828179
Grand Total					992.646079
Say For Unit 1 (Grand Total/10)					99.2646079

Item 13

Other Building Items. (AR1902): Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sub-Item of Work
cement based wall putty (water based)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0
LR001 : Male mulia	0.57	Per day	452	257.64	0
LR025 : Mason	0.5	Per day	552	276	0

Total Amount (a+b+c)					773.64
Total GST (a)					0
LABOUR CESS @ 1% (+)					7.7364
Grand Total					781.3764
Say For Unit 1 (Grand Total/10)					78.13764

Item 14

Masonry Brick Work (AR0603di): Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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 (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.	350	1000 Nos	4.23196	1481.186	0
LR001 : Male mulia	2.82	Per day	452	1274.64	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.	633.36	425.61792	119.1730176
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
BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.	350	1000 Nos	1.305925	457.07375	0
BRM340 : Cement	0.672	1 Qntl.	54.512	36.632064	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	471.31	131.9668	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.	350	1000 Nos	0.04025	14.0875	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)	4677.300434
Total GST (a)	119.1730176
LABOUR CESS @ 1% (+)	47.964734516
Grand Total	4844.438186116
Say For Unit 1 (Grand Total/1)	4844.438186116

Item 15

Painting (AR0903i): Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work

Painting two coats of enamel paint in outer surface paint (outer surface)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	1.25	Per day	602	752.5	0
LR001 : Male mulia	1.1	Per day	452	497.2	0
BRM141 : Enamel paint	1.1625	1 Litre	205.34	238.70775	42.967395

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.54512	0.633702	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0

Total Amount (a+b+c)	1489.041452
Total GST (a)	42.967395
LABOUR CESS @ 1% (+)	15.32008847
Grand Total	1547.32893547
Say For Unit 1 (Grand Total/9.3)	166.37945542688

Item 16

Painting (AR0918f): Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

Sub-Item of Work

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	194.79	243.4875	0
LR001 : Male mulia	0.64	Per day	452	289.28	0
LR048 : Painter/ Polisher	0.54	Per day	602	325.08	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0.54512	0.6814	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0	0	0

Total Amount (a+b+c)					858.5289
Total GST (a)					0
LABOUR CESS @ 1% (+)					8.585289
Grand Total					867.114189
Say For Unit 1 (Grand Total/10)					86.7114189

Item 17
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	406.21	40621	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)				57426.72	
Total GST (a)					0
LABOUR CESS @ 1% (+)				574.2672	
Grand Total				58000.9872	
Say For Unit 1 (Grand Total/100)				580.009872	

Er. BABITA BISWAS
JE
Malkangiri Block

Er. ABHIJIT SETHI
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