

Analysis

OD/346/3305/116240/393154/00062826 : Repair and renovation jamudiha AWC building
Block : Nilgiri, Gram Panchayat : Jamudiha
Created By: Bikram Kishore Parida

Item 1					
Painting (AR0918g): Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer 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 coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside)					
a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918f)					
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	194.79	24.34875	0
LR001 : Male mulia	0.064	Per day	462	29.568	0
LR048 : Painter/ Polisher	0.054	Per day	612	33.048	0
Combine :: Painting (AR0901ci)					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0
b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.36677	0.04584625	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.36677	0.03080868	0
c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0
Total Amount (a+b+c)				155.32534041387	
Total GST (a)				0	
LABOUR CESS @ 1% (+)				1.5532534041387	
Grand Total				156.87859381801	
Say For Unit 1 (Grand Total/1)				156.87859381801	

Item 2

Painting (AR0901b): Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat in inner surface with primer of approved quality over iron work.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM137 : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0.36677	0.184191894	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0	0	0

Total Amount (a+b+c)

608.848131894

Total GST (a)

0

LABOUR CESS @ 1% (+)

6.08848131894

Grand Total

614.93661321294

Say For Unit 1 (Grand Total/9.3)

66.12221647451

Item 3

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
BRM341 : Steel	0.508	1 Qntl.	6589.15	3347.2882	602.511876
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.	36.677	18.631916	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)	7574.420116
Total GST (a)	602.511876
LABOUR CESS @ 1% (+)	81.76931992
Grand Total	8258.70131192
Say For Unit 1 (Grand Total/0.508)	16257.286047087

Item 4

File Foundation (AR1501a): Single under-reamed pile foundation with RCC M-20 using 12mm size black granite (Crusher broken) stone chips including cost of boring and including the labour charges, convenience, royalty, taxes of all materials, labour and T&P required for the work etc. but excluding the cost of M.S./Tor steel complete and as per direction of Engineer-in charge. (375mm dia and 6.0 meter long).

Sub-Item of Work

Single under reamed pile foundation 375 mm dia and 6.0 meter long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR010 : Mate	0.050453	Per day	512	25.831936	0
BRM340 : Cement	3.34053	1 Qntl.	521.52	1742.1532056	313.587577008
BRM342 : Tripod	0.5	Per day	450	225	0
BRM178 : Bentonite powder	1.25	1Qntl	337.87	422.3375	0
LR063 : Winch operator	0.5	Per day	612	306	0
LR062 : Boring Mistry	2	Per day	612	1224	0
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.352	per hour	700	246.4	0

PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.352	per hour	229.55	80.8016	0
LR001 : Male mulia	1.1733	Per day	462	542.0646	0
LR025 : Mason	0.088	Per day	562	49.456	0
BRM028 : Screened and washed sharp sand for mortar	0.396	1 Cum	76.88	30.44448	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)	0.792	1 Cum.	1396.62	1106.12304	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.34053	1 Qntl.	36.677	122.52061881	0
BRM028 : Screened and washed sharp sand for mortar	0.396	1 Cum	666.61	263.97756	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)	0.792	1 Cum.	861.91	682.63272	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.34053	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.396	1 Cum	442.25	175.131	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)	0.792	1 Cum.	522.5	413.82	0

Total Amount (a+b+c)	7658.69426041
Total GST (a)	313.587577008
LABOUR CESS @ 1% (+)	79.72281837418
Grand Total	8052.0046557922
Say For Unit 1 (Grand Total/1)	8052.0046557922

Item 5

Masonry Stone Work (AR0703): Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, 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
Random rubble H.G. stone of masonry.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.41	Per day	462	651.42	0
LR001 : Male mulia	1.76	Per day	462	813.12	0
LR025 : Mason	1.41	Per day	562	792.42	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.8151	1 Qntl.	521.52	425.090952	76.51637136
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	76.88	26.1392	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	291.96	291.96	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.8151	1 Qntl.	36.677	29.8954227	0
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	666.61	226.6474	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	861.91	861.91	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.8151	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	442.25	150.365	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	522.5	522.5	0

Total Amount (a+b+c)	5005.6679747
Total GST (a)	76.51637136
LABOUR CESS @ 1% (+)	50.8218434606
Grand Total	5133.0061895206
Say For Unit 1 (Grand Total/1)	5133.0061895206

Item 6

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	462	3696	0

LR046 : Blacksmith	3	Per day	612	1836	0
LR010 : Mate	0.44	Per day	512	225.28	0
BRM162 : Binding Wire.	8	1 Kg.	90	720	0
BRM341 : Steel	10.5	1 Qntl.	6589.15	69186.075	12453.4935

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	36.677	385.1085	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)		76048.4635
Total GST (a)		12453.4935
LABOUR CESS @ 1% (+)		885.01957
Grand Total		89386.97657
Say For Unit 1 (Grand Total/10)		8938.697657

Item 7

Masonry Brick Work (AR06059): Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm² with dimensional tolerance \pm 8 percent in cement mortar (1:3) in foundation and plinth

Sub-Item of Work

Brick work with K.B. bricks 25cm x 12cm x 8cm

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	1.33	1 Qntl.	521.52	693.6216	124.851888
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance \pm 2 %	350	1000 Nos	5.14255	1799.8925	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	1.33	1 Qntl.	36.677	48.78041	0

BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	666.61	186.6508	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	2.307825	807.73875	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	1.33	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	442.25	123.83	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	0	0	0

Total Amount (a+b+c)	5789.18046
Total GST (a)	124.851888
LABOUR CESS @ 1% (+)	59.14032348
Grand Total	5973.17267148
Say For Unit 1 (Grand Total/1)	5973.17267148

Item 8

R.C.C. Work (AR0410c): 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sub-Item of Work

R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
LR008 : Sangi mulia	0.5	Per day	512	256	0
LR027 : Carpenter	0.5	Per day	562	281	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	198.296	5.2945032	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	198.296	1.21753744	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0

BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	0	0	0
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Total Amount (a+b+c)	2140.93953364
Total GST (a)	0
LABOUR CESS @ 1% (+)	21.4093953364
Grand Total	2162.3489289764
Say For Unit 1 (Grand Total/10)	216.23489289764

Item 9

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	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	521.52	18.670416	3.36067488
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.	36.677	1.3130366	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	666.61	9.99915	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	442.25	6.63375	0

Total Amount (a+b+c)	171.8895526
Total GST (a)	3.36067488
LABOUR CESS @ 1% (+)	1.7525022748
Grand Total	177.0027297548
Say For Unit 1 (Grand Total/1)	177.0027297548

Item 10

Concrete (AR0317): 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)

Sub-Item of Work

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard 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	0.1	Per day	612	61.2	0
BRM340 : Cement	0.1208	1 Qntl.	521.52	62.999616	11.33993088
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	76.88	1.299272	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	36.677	4.4305816	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	666.61	11.265709	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	861.91	14.566279	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	442.25	7.474025	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	522.5	8.83025	0

Total Amount (a+b+c)	352.7541126
Total GST (a)	11.33993088
LABOUR CESS @ 1% (+)	3.6409404348
Grand Total	367.7349839148
Say For Unit 1 (Grand Total/1)	367.7349839148

Item 11

Dismantling (AR1612): Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sub-Item of Work

Dismantling and removing 2.5 cm. thick artificial stone flooring

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.25	Per day	462	577.5	0
LR001 : Male mulia	0.75	Per day	462	346.5	0

Total Amount (a+b+c)

924

Total GST (a)

0

LABOUR CESS @ 1% (+)

9.24

Grand Total

933.24

Say For Unit 1 (Grand Total/9.3)

100.34838709677

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
BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0
LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0
LR001 : Male mulia	0.64	Per day	462	295.68	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.78292	0.97865	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)

938.81365

Total GST (a)

0

LABOUR CESS @ 1% (+)

9.3881365

Grand Total

948.2017865

BAIDYANATH SINGH
JE
Nilgiri Block

SARAT KUMAR UPADHYAYA
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block