

Analysis

**OD/355/3388/118114/397425/00070982 : Repair of Lachhamakana Budhi Jagulai SHG
Community Centre
Block : Erasama, Gram Panchayat : Pokhriapada
Created By:Sri Dasarathi Jena**

Item 1
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
OVERHEAD CHARGES @ 7.5% (+)					69.3
CONTRACTOR PROFIT @ 7.5% (+)					74.4975
LABOUR CESS @ 1% (+)					10.677975
Grand Total					1078.475475
Say For Unit 1 (Grand Total/9.3)					115.96510483871

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	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.	579.09	1326.1161	238.700898
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	71.71	34.4208	0

BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	940.6	902.976	0
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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	718.69	344.9712	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1551.91	1489.8336	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	199.25	95.64	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	444.5	426.72	0

Total Amount (a+b+c)	6580.39993
Total GST (a)	238.700898
OVERHEAD CHARGES @ 7.5% (+)	511.4325621
CONTRACTOR PROFIT @ 7.5% (+)	549.7900042575
LABOUR CESS @ 1% (+)	78.803233943575
Grand Total	7959.1266283011
Say For Unit 1 (Grand Total/1)	7959.1266283011

Item 3

Other Building Items. (AR1901B): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sub-Item of Work

Vitrified Tile 600mmx600mm Plain Ivory

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2017.18	153.30568	0
BRM340 : Cement	1.074	1 Qntl.	579.09	621.94266	111.9496788
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	71.71	15.0591	0
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	0
LR001 : Male mulia	2.16	Per day	462	997.92	0

LR044 : Mason	2.16	Per day	612	1321.92	0
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b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	24.787	1.883812	0
BRM340 : Cement	1.074	1 Qntl.	24.787	26.621238	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	718.69	150.9249	0
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

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	0	0	0
BRM340 : Cement	1.074	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	199.25	41.8425	0
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

Total Amount (a+b+c)	10020.050451
Total GST (a)	111.9496788
OVERHEAD CHARGES @ 7.5% (+)	759.900009735
CONTRACTOR PROFIT @ 7.5% (+)	816.89251046513
LABOUR CESS @ 1% (+)	117.0879265
Grand Total	11825.8805765
Say For Unit 1 (Grand Total/10)	1182.58805765

Item 4
Painting (AR0901d): Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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 with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0

LR048 : Painter/ Polisher	0.5	Per day	612	306	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.36677	0.286520724	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

Total Amount (a+b+c)	661.520756724
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	49.6140567543
CONTRACTOR PROFIT @ 7.5% (+)	53.335111010872
LABOUR CESS @ 1% (+)	7.6446992448917
Grand Total	772.11462373406
Say For Unit 1 (Grand Total/9.3)	83.023077820867

Item 5

Painting (AR0921): Finishing wall One Coat with distemper of approved shades on old 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 One Coat with distemper of approved shades on old work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	70.1	116.366	0
LR001 : Male mulia	0.4	Per day	462	184.8	0
LR048 : Painter/ Polisher	0.33	Per day	612	201.96	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	0.36677	0.6088382	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	0	0	0

Total Amount (a+b+c)	503.7348382
Total GST (a)	0

OVERHEAD CHARGES @ 7.5% (+)	37.780112865
CONTRACTOR PROFIT @ 7.5% (+)	40.613621329875
LABOUR CESS @ 1% (+)	5.8212857239487
Grand Total	587.94985811882
Say For Unit 1 (Grand Total/10)	58.794985811882

Item 6

Painting (AR0918cb): Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work

Finishing wall two coats with weather coat with one coat waterbound Primer

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 (AR0901di)					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	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
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.36677	0.033127612903226	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0	0	0

Total Amount (a+b+c)	159.14965934677
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.936224451008
CONTRACTOR PROFIT @ 7.5% (+)	12.831441284834
LABOUR CESS @ 1% (+)	1.8391732508262
Grand Total	185.75649833344

Say For Unit 1 (Grand Total/1)	185.75649833344
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Item 7

Other Building Items. (AR1907): Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778, as windows frame, section No. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge.

Sub-Item of Work
aluminum sliding window (sliding type)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0005 : Handel with lock	2	Each	40	80	0
LR001 : Male mulia	1.5	Per day	462	693	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1.5	Per day	512	768	0
LR028 : Fitter	0.5	Per day	562	281	0
LR045 : Carpenter	0.5	Per day	612	306	0
BRM271 : Black glass (I.S.I.) 5mm	1.64	Sqm	705.01	1156.2164	0
BRMMR0008 : Hire charges of drills machine	1	Day	100	100	0
BRMMR0013 : Al. wheel runner	8	Each	25	200	0
BRMMR0012 : Window pile	7.5	Mtr	10	75	0
BRMMR0011 : U rubber beading	9.75	Mtr	15	146.25	0
BRMMR0010 : Al. Screws of different sizes	1	L.S.	30	30	0
BRMMR0009 : PVC Plug	8	Each	1.5	12	0
BRM304 : Aluminium extruded section	7.6482	kg	297.27	2273.580414	0

Total Amount (a+b+c)	6121.046814
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	459.07851105
CONTRACTOR PROFIT @ 7.5% (+)	493.50939937875
LABOUR CESS @ 1% (+)	70.736347244288
Grand Total	7144.371071673
Say For Unit 1 (Grand Total/1.49)	4794.8799138745

Item 8

Other Building Items. (AR1918): Supplying, fitting and fixing of Un-plasticised Poly Vinyl Chloride (UPVC) (FENESTA/NCL VEKA LTD) casement Door - 60 Series duly manufactured using UPVC reinforced profiles of 60mm x 55 mm x 2.5 mm for outer frames, 102 mm x 60 mm x 2.25mm for casement door Sash Profile and 74 mm x 60 mm x 2.5 mm mullion profile capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 2.0 mm prefabricated & welded through fusion welding the door sash shall be fitted with 12mm thick WPC Board of green ply make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 no per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc, including cost and conveyance of all materials accessories, labour charges, materials and product conforming to ASTM D 638-14, EN-477-95 and other applicable codes and standards and as per direction of Engineer in Charge. (Rate given by Office of the Engineer-IN-Chief (Civil) Odisha Nirman Soudha Unit-V, Bhubaneswar vide letter no 16100 dated 08/05/2018)

Sub-Item of Work
UPVC Door with 12mm thick WPC Board

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM343 : UPVC Door conforming to ASTM D 638-14, EN-477-95 and other applicable codes and standards with 12mm thick WPC Board	1	Sqm	8963	8963	0

Total Amount (a+b+c)	8963				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	672.225				
CONTRACTOR PROFIT @ 7.5% (+)	722.641875				
LABOUR CESS @ 1% (+)	103.57866875				
Grand Total	10461.44554375				
Say For Unit 1 (Grand Total/1)	10461.44554375				

Bibhuti Bhusan Sathpathy
JE
Erasama Block

Dipti Rekha Mallick
AEE
Erasama Block

Sri Dasarathi Jena
BDO
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