

Analysis

**OD/347/3312/116382/380604/00016972 : Renovation of Panchayat Samiti Building Bargarh
Block : Bargarh, Panchayat : Kalapani
Created By:BERCIUS DUNGUNG**

Item 1

Concrete (AR0318a): 4cm thick grading concrete (1:2:4) on roof slab with 12mm and down grade size hard granite chips (Hand Broken) for old work including hoisting and laying in position, compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaicaion and direction of Engineer-in charge.

Sub-Item of Work
Second floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM057 : 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)(Hand broken)	0.018	1 Cum.	1052.72	18.94896	0
LR001 : Male mulia	1.33308	Per day	452	602.55216	0
LR044 : Mason	0.2182125	Per day	602	131.363925	0
BRM340 : Cement	0.1287	1 Qntl.	529.69	68.171103	19.08790884
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	67.93	1.22274	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.	0.018	1 Cum.	850.2	15.3036	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM057 : 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)(Hand broken)	0.018	1 Cum.	406.21	7.31178	0
BRM340 : Cement	0.1287	1 Qntl.	24.787	3.1900869	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	289.03	5.20254	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.	0.018	1 Cum.	406.21	7.31178	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM057 : 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)(Hand broken)	0.018	1 Cum.	249.5	4.491	0
BRM340 : Cement	0.1287	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	165.25	2.9745	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.	0.018	1 Cum.	249.5	4.491	0

Total Amount (a+b+c)	872.5351749
Total GST (a)	19.08790884
LABOUR CESS @ 1% (+)	8.9162308374
Grand Total	900.5393145774
Say For Unit 1 (Grand Total/1)	900.5393145774

Item 2

Flooring (AR0816d): Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in treads, or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in treads, or steps and landing on a 25mm thick bed of cement mortar 1:1

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	500.2	5002	900.36
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR001 : Male mulia	2.16	Per day	452	976.32	0
LR044 : Mason	2.16	Per day	602	1300.32	0
LR008 : Sangi mulia	5.5	Per day	502	2761	0
BRM340 : Cement	2.737	1 Qntl.	529.69	1449.76153	405.9332284
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	67.93	8.8309	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	9.6011111	96.011111	0
BRM340 : Cement	2.737	1 Qntl.	24.787	67.842019	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	289.03	37.5739	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	103.31	1033.1	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	165.25	21.4825	0

Total Amount (a+b+c)	12839.24196				
Total GST (a)	1306.2932284				
LABOUR CESS @ 1% (+)	141.455351884				
Grand Total	14286.990540284				
Say For Unit 1 (Grand Total/10)	1428.6990540284				

Item 3

Other Building Items. (AR1911): Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge

Sub-Item of Work

Stainless steel of 304 grade in hand railing using 50mm dia of 2mm

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	0.89	Per day	502	446.78	0
LR047 : Fitter	0.89	Per day	602	535.78	0
BRMMR0024 : Buffing, Polishing etc.	1	L.S.	178.42	178.42	0
BRMMR0023 : Fabrication	34.16	kg	10	341.6	0
BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	16.63	kg	256.62	4267.5906	0
BRMMR0021 : Balustrade of size 30mmx32mmx2mm	6.12	kg	256.62	1570.5144	0
BRMMR0020 : Railing 50mm outer dia of 2mm thick	11.41	kg	240.24	2741.1384	0

Total Amount (a+b+c)	10081.8234
Total GST (a)	0
LABOUR CESS @ 1% (+)	100.818234
Grand Total	10182.641634
Say For Unit 1 (Grand Total/3.26)	3123.509703681

Item 4

Flooring (AR0816d): Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in treads, or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work
First floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	500.2	5002	900.36
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR001 : Male mulia	2.268	Per day	452	1025.136	0
LR044 : Mason	2.268	Per day	602	1365.336	0
LR008 : Sangi mulia	5.775	Per day	502	2899.05	0
BRM340 : Cement	2.737	1 Qntl.	529.69	1449.76153	405.9332284
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	67.93	8.8309	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	9.6011111	96.011111	0
BRM340 : Cement	2.737	1 Qntl.	24.787	67.842019	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	289.03	37.5739	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	103.31	1033.1	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	165.25	21.4825	0

Total Amount (a+b+c)	13091.12396
Total GST (a)	1306.2932284
LABOUR CESS @ 1% (+)	143.974171884
Grand Total	14541.391360284
Say For Unit 1 (Grand Total/10)	1454.1391360284

Item 5

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
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	254.46	318.075	57.2535
LR048 : Painter/ Polisher	0.5562	Per day	602	334.8324	0
LR001 : Male mulia	0.6592	Per day	452	297.9584	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.24787	0.3098375	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)	951.1756375
Total GST (a)	57.2535
LABOUR CESS @ 1% (+)	10.084291375
Grand Total	1018.513428875
Say For Unit 1 (Grand Total/10)	101.8513428875

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.	0.8154923	7.58407839	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)	4912.60007839				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	49.1260007839				
Grand Total	4961.7260791739				
Say For Unit 1 (Grand Total/9.3)	533.51893324451				

Item 7

miscellaneous (ARM299): Supplying, fitting and fixing of grid mineral fibre ceiling board having size 600mm x 600mm x 16mm of approved design and quality complete with frame and all fitting and fixtures. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work
Supplying, fitting and fixing of grid mineral fibre ceiling board having size 600mm x 600mm x 16mm of approved design and quality complete with frame and all fitting and fixtures. (New miscellaneous items) and as directed by Engineer-in-Charge.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMM299 : Supplying, fitting and fixing of grid mineral fibre ceiling board having size 600mm x 600mm x 16mm of approved design and quality complete with frame and all fitting and fixtures. (New miscellaneous items)	1	1 Sqm	1604	1604	0

Total Amount (a+b+c)	1604				
Total GST (a)	0				

Grand Total	1604
Say For Unit 1 (Grand Total/1)	1604

Item 8

miscellaneous (ARM287): Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	60.3	1.809	0
BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	1 Sqm	608.4	608.4	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	289.03	8.6709	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	165.25	4.9575	0

Total Amount (a+b+c)	623.8374
Total GST (a)	0
Grand Total	623.8374
Say For Unit 1 (Grand Total/1)	623.8374

Item 9

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
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0
LR001 : Male mulia	0.5871	Per day	452	265.3692	0
LR025 : Mason	0.515	Per day	552	284.28	0

Total Amount (a+b+c)

789.6492

Total GST (a)

0

LABOUR CESS @ 1% (+)

7.896492

Grand Total

797.545692

Say For Unit 1 (Grand Total/10)

79.7545692

Item 10

Roofing (AR1132a): Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.

Sub-Item of Work

Labour for fixing G.C.I. Sheet in roof

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	2	Per day	452	904	0
LR028 : Fitter	1	Per day	552	552	0
LR027 : Carpenter	0.5	Per day	552	276	0

Total Amount (a+b+c)

1732

Total GST (a)

0

LABOUR CESS @ 1% (+)

17.32

Grand Total

1749.32

Say For Unit 1 (Grand Total/9.3)

188.09892473118

Item 11

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	60.3	6030	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	289.03	28903	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	165.25	16525	0

Total Amount (a+b+c)				57044.72	
Total GST (a)					0
LABOUR CESS @ 1% (+)				570.4472	
Grand Total				57615.1672	
Say For Unit 1 (Grand Total/100)				576.151672	

Item 12

miscellaneous (ARM292): Supplying and fixing of Double skin wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with at least 600mm c/c with 9mm thick BWR block ply and 4mm thick veneer finished with melamine polished on both the faces complete. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work
Supplying and fixing of Double skin wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with at least 600mm c/c with 9mm thick BWR block ply and 4mm thick veneer finished wit

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMM292 : Supplying and fixing of Double skin wall paneling made of aluminum anodised section framing conforming to standard Aluminium sections as horizontal and vertical members with atleast 600mm c/c with 9mm thick BWR block ply and 4mm thick veneer finished with melamine polished on both the faces complete. (New miscellaneous items)	1	1 Sqm	2646.44	2646.44	0

Total Amount (a+b+c)				2646.44	
Total GST (a)					0

Grand Total	2646.44
Say For Unit 1 (Grand Total/1)	2646.44

Item 13
miscellaneous (ARM209): Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all respect but excluding cost of angles and plates. (Well Sinking)
Sub-Item of Work Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all r

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRMM209 : Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all respect but excluding cost of angles and plates. (Well Sinking)	1	Qtl.	1213.36	1213.36	0
Total Amount (a+b+c)	1213.36				
Total GST (a)	0				
Grand Total	1213.36				
Say For Unit 1 (Grand Total/1)	1213.36				

SAROJ KUMAR MOHANTY
JE
Bargarh Block

SUNIL KUMAR PRUSTY
AEE
Bargarh Block

BERCIUS DUNGDUNG
BDO
Bargarh Block