

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Dhankauda	Gram Panchayat	Kilasama

Work Code	OD/371/3559/121304/381694/00014278 (Construction of VSS Building at Pitapali)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Dhankauda	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Construction of Vana Suraksha Samiti Building	Scheme Component Name	Construction of Buildings for Vana Suraksha Samiti
Project Sub-Category	Others	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	18481
Fund Sanction Amount (in Rs.)	850000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil within 50m. Initial 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 the direction of the Engineer-in-charge</p>	Cum	29.123247	200.6466	5843.4804915102
2	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.</p>	Cum	6.13513	1074.905832	6594.6870170782

3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</p>	Cum	6.507125	5866.5291773	38174.238672838
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4	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	4.57758	6484.5492041731	29683.542746039
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5	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	Cum	2.0173875	7241.9234505012	14609.765844998
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6	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	0.9827325	13154.537636186	12927.391657553
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7	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Af) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)</p>	Sqm	3.843	1114.494263134	4283.001453224
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8	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ae) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)</p>	Cum	1.3125	14428.021267215	18936.77791322
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9	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	3.0434175	14544.238724628	44264.190658711
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10	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	6.030993	12792.29155959	77150.220849846
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11	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : First Floor - 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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	0.357075	16327.375034562	5830.0974404662
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12	<p style="text-align: center;">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 -</p> <p>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.</p>	Qntl	18.3049542	9075.2117921	166121.33620969
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13	<p style="text-align: center;">Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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.</p>	Cum	11.518887	5203.50406624	59938.575343059
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14	<p style="text-align: center;">Masonry Brick Work (AR0603ci) :</p> <p>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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.</p>	Cum	17.110725	5236.83406624	89606.027578064
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15	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603ci) : First floor - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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.</p>	Cum	3.8958	5565.86479624	21683.496073192
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16	Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	Sqm	26.6862	199.011424948	5310.8586884473
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17	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	0.2169	7429.8820991	1611.5414272948
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18	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	100.53165	193.725163324	19475.510315481
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19	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.</p>	Sqm	100.7208	177.049918086	17832.609389556
20	<p>Plastering (AR1004) : First Floor - 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.</p>	Sqm	26.9528	181.113754086	4881.5227911291

21	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.</p>	Sqm	113.973	252.74376451	28805.965072498
22	<p>Plastering (AR1014) : First Floor - 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.</p>	Sqm	17.19	258.82800451	4449.2533975269

23	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>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)</p>	Sqm	28.6674	1019.625825301	29230.021384234
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24	<p style="text-align: center;">Flooring (AR0817aa) :</p> <p>Fixing Vitrified 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) -</p> <p>Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	4.28025	1539.730432366	6590.4311831346
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25	<p style="text-align: center;">Flooring (AR0816) :</p> <p>Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -</p> <p>Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	4.2189	1203.57626872	5077.7679201028
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26	<p style="text-align: center;">Flooring (AR0817b) :</p> <p>Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	6.6645	890.886232366	5937.3112956032
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27	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing - 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.</p>	Qntl	2.68245	16387.299509087	43958.11156815
28	<p style="text-align: center;">Painting (AR0905a) : Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)</p>	Sqm	19.67625	234.33718544323	4610.8770450774

29	<p style="text-align: center;">Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	108.636	147.86343103051	16063.29169343
30	<p style="text-align: center;">Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)</p>	Sqm	125.842055	156.87859381801	19741.924631569

31	<p align="center">Painting (AR0918g) : First Floor - 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)</p>	Sqm	43.9312	113.94793834745	5005.8696691295
Total Amount (in Rs.): 814229.69742185					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil within 50m. Initial 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 the direction of the Engineer-in-charge</p>	-	29.123247	Cum

	i	Un-Skilled	0.43	12.52299621	-
2		Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.	-	6.13513	Cum
	i	Un-Skilled	0.1236	0.758302068	-
3		Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-	6.507125	Cum
	i	Skilled	0.18	1.1712825	-

	ii	Un-Skilled	3.9	25.3777875	-
4		<p>R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	4.57758	Cum
	i	Un-Skilled	1.3333	6.103287414	-
	ii	Skilled	0.175	0.8010765	-
	iii	Semi-Skilled	0.1323	0.605613834	-

5	R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	2.0173875	Cum
i	Un-Skilled	1.3333	2.68978275375	-
ii	Skilled	0.35	0.706085625	-
iii	Semi-Skilled	0.3073	0.61994317875	-

6	R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.9827325	Cum
i	Un-Skilled	1.3333	1.31027724225	-
ii	Skilled	2.34375	2.303279296875	-
iii	Semi-Skilled	2.30105	2.261316619125	-

7	R.C.C. Work (AR0404Af) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)	-	3.843	Sqm
i	Un-Skilled	0.08333125	0.32024199375	-
ii	Skilled	0.3423	1.3154589	-
iii	Semi-Skilled	0.33963125	1.30520289375	-

8	R.C.C. Work (AR0404Ae) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)	-	1.3125	Cum
i	Un-Skilled	1.3333	1.74995625	-
ii	Skilled	5.05	6.628125	-
iii	Semi-Skilled	5.0073	6.57208125	-

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 - 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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	3.0434175	Cum
i	Un-Skilled	1.3333	4.05778855275	-
ii	Skilled	5.33875	16.248045178125	-
iii	Semi-Skilled	5.29605	16.118091250875	-

10	R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	6.030993	Cum
i	Un-Skilled	1.3333	8.0411229669	-
ii	Skilled	3.15525	19.02929066325	-
iii	Semi-Skilled	3.11255	18.77176726215	-

11	R.C.C. Work (AR0404Ac) : First Floor - 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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	0.357075	Cum
i	Un-Skilled	1.533295	0.547501312125	-
ii	Skilled	6.4015	2.2858156125	-
iii	Semi-Skilled	6.352395	2.268281444625	-

12	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 - 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.	-	18.3049542	Qntl
i	Un-Skilled	0.8	14.64396336	-
ii	Highly-Skilled	0.3	5.49148626	-
iii	Semi-Skilled	0.044	0.8054179848	-

13	<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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.</p>	-	11.518887	Cum
i	Un-Skilled	2.96	34.09590552	-
ii	Skilled	1.05	12.09483135	-
iii	Highly-Skilled	0.35	4.03161045	-

14	Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash 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.	-	17.110725	Cum
i	Un-Skilled	2.96	50.647746	-
ii	Skilled	1.05	17.96626125	-
iii	Highly-Skilled	0.35	5.98875375	-

15	Masonry Brick Work (AR0603ci) : First floor - Brickwork with Flyash 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.	-	3.8958	Cum
i	Un-Skilled	3.404	13.2613032	-
ii	Skilled	1.2075	4.7041785	-
iii	Highly-Skilled	0.4025	1.5680595	-

16	Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	-	26.6862	Sqm
i	Un-Skilled	0.11	2.935482	-
ii	Skilled	0.15	4.00293	-

17	Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.	-	0.2169	Cum
i	Un-Skilled	4.6	0.99774	-
ii	Skilled	0.68	0.147492	-

18	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	100.53165	Sqm
i	Un-Skilled	0.17	17.0903805	-
ii	Skilled	0.14	14.074431	-
19	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.</p>	-	100.7208	Sqm

	i	Un-Skilled	0.12	12.086496	-
	ii	Skilled	0.14	14.100912	-
20		Plastering (AR1004) : First Floor - 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.	-	26.9528	Sqm
	i	Un-Skilled	0.1236	3.33136608	-
	ii	Skilled	0.1442	3.88659376	-

21	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</p> <p>- 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.</p>	-	113.973	Sqm
i	Un-Skilled	0.24	27.35352	-
ii	Skilled	0.16	18.23568	-
22	<p>Plastering (AR1014) : First Floor - 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.</p>	-	17.19	Sqm
i	Un-Skilled	0.2472	4.249368	-

	ii	Skilled	0.1648	2.832912	-
23		Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - 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)	-	28.6674	Sqm
	i	Un-Skilled	0.216	6.1921584	-
	ii	Highly-Skilled	0.216	6.1921584	-

24	<p>Flooring (AR0817aa) : Fixing Vitrified 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) - Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	4.28025	Sqm
i	Highly-Skilled	0.325	1.39108125	-
ii	Un-Skilled	0.325	1.39108125	-
iii	Semi-Skilled	0.76	3.25299	-

25	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</p>	-	4.2189	Sqm
i	Un-Skilled	0.216	0.9112824	-
ii	Highly-Skilled	0.216	0.9112824	-
iii	Semi-Skilled	0.55	2.320395	-

26	<p>Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	6.6645	Sqm
i	Un-Skilled	0.325	2.1659625	-
ii	Highly-Skilled	0.325	2.1659625	-

27	Iron Work (AR1704) : Iron Doors and windows fixing - 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.	-	2.68245	Qntl
i	Un-Skilled	6.3976377952756	17.161343503937	-
ii	Semi-Skilled	1.9685039370079	5.2804133858268	-
iii	Skilled	3.9370078740157	10.560826771654	-
iv	Highly-Skilled	3.4448818897638	9.2407234251968	-
28	Painting (AR0905a) : Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	19.67625	Sqm

	i	Highly-Skilled	0.18817204301075	3.7025201612903	-
	ii	Un-Skilled	0.17204301075269	3.3851612903226	-
29		Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	108.636	Sqm
	i	Highly-Skilled	0.10576344086022	11.48971716129	-
	ii	Un-Skilled	0.11576344086022	12.57607716129	-

30	<p>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)</p>	-	125.842055	Sqm
i	Un-Skilled	0.11776344086022	14.81959340172	-
ii	Highly-Skilled	0.10776344086022	13.56117285172	-
31	<p>Painting (AR0918g) : First Floor - 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)</p>	-	43.9312	Sqm
i	Un-Skilled	0.090051612903226	3.9560754167742	-
ii	Highly-Skilled	0.079551612903226	3.4947978167742	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	306.73105024757	462	141709.74521438
4	Skilled	153.0955079074	562	86039.675443961
3	Semi-Skilled	60.181514103902	512	30812.935221198
5	Highly-Skilled	69.229325926272	612	42368.347466879
Total: 300930.70334641				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil within 50m. Initial 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 the direction of the Engineer-in-charge	-	29.123247	Cum

2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - 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.	-	6.13513	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.13513	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-	6.507125	Cum
i)	BRM340 : Cement	2.29	14.90131625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.12342	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.24684	1 Cum.

4	<p>R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	4.57758	Cum
i)	BRM340 : Cement	3.4733	15.899308614	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.059911	1 Cum
iii)	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	1.6479288	1 Cum.

iv)	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	2.4718932	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.0183332079	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.86516262	1Mtr.
5	R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	2.0173875	Cum
i)	BRM340 : Cement	3.4733	7.00699200375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.907824375	1 Cum

iii)	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	0.7262595	1 Cum.
iv)	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	1.08938925	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.026932123125	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.270954125	1Mtr.

6	R.C.C. Work (AR0404Ad) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.9827325	Cum
i)	BRM340 : Cement	3.4733	3.41332479225	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.442229625	1 Cum
iii)	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	0.3537837	1 Cum.
iv)	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	0.53067555	1 Cum.

v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	3.70441015875	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.07285339978875	1Cum.
7	R.C.C. Work (AR0404Af) :Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)	-	3.843	Sqm
i)	BRM340 : Cement	0.21708125	0.83424324375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.028125	0.108084375	1 Cum
iii)	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)	0.0225	0.0864675	1 Cum.

iv)	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)	0.03375	0.12970125	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.68432	2.62984176	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00552344	0.02122657992	1Cum.
8	R.C.C. Work (AR0404Ae) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)	-	1.3125	Cum
i)	BRM340 : Cement	3.4733	4.55870625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.590625	1 Cum

iii)	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	0.4725	1 Cum.
iv)	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	0.70875	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	1.17	1.535625	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.06307875	1Cum.

9	<p>R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	-	3.0434175	Cum
i)	BRM340 : Cement	3.4733	10.57070200275	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.369537875	1 Cum
iii)	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	1.0956303	1 Cum.

iv)	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	1.64344545	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	13.450687983	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.1263900853575	1Cum.
10	R.C.C. Work (AR0404Ag) :Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	6.030993	Cum
i)	BRM340 : Cement	3.4733	20.9474479869	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.71394685	1 Cum

iii)	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	2.17115748	1 Cum.
iv)	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	3.25673622	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	37.5224260488	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.3028595816796	1Cum.
11	R.C.C. Work (AR0404Ac) :.First Floor - 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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	0.357075	Cum

i)	BRM340 : Cement	3.4733	1.2402285975	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.16068375	1 Cum
iii)	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	0.128547	1 Cum.
iv)	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	0.1928205	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.30352	1.893754404	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.01779476121	1Cum.

12	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 - 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.	-	18.3049542	Qntl
i)	BRM162 : Binding Wire.	0.8	14.64396336	1 Kg.
ii)	BRM341 : Steel	1.05	19.22020191	1 Qntl.

13	<p>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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.</p>	-	11.518887	Cum
i)	<p>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %</p>	400	4607.5548	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	7.740692064	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	3.22528836	1 Cum

14	<p>Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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.</p>	-	17.110725	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	17.110725	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	6844.29	1000 Nos
iii)	BRM340 : Cement	0.672	11.4984072	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	4.791003	1 Cum

15	Masonry Brick Work (AR0603ci) ::First floor - Brickwork with Flyash 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.	-	3.8958	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	3.8958	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	1558.32	1000 Nos
iii)	BRM340 : Cement	0.672	2.6179776	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.090824	1 Cum

16	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer- in-charge.	-	26.6862	Sqm
i)	BRM340 : Cement	0.0644	1.71859128	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.400293	1 Cum
17	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer- in charge.	-	0.2169	Cum
i)	BRM340 : Cement	3.23	0.700587	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.097605	1 Cum

iii)	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)	0.9	0.19521	1 Cum.
18	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	100.53165	Sqm
i)	BRM340 : Cement	0.0372	3.73977738	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.753987375	1 Cum
19	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	100.7208	Sqm

i)	BRM340 : Cement	0.0358	3.60580464	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.510812	1 Cum
20	Plastering (AR1004) :.First Floor - 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.	-	26.9528	Sqm
i)	BRM340 : Cement	0.0358	0.96491024	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.404292	1 Cum
21	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	113.973	Sqm
i)	BRM340 : Cement	0.043	4.900839	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.051514	1 Cum

22	Plastering (AR1014) :.First Floor - 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.	-	17.19	Sqm
i)	BRM340 : Cement	0.043	0.73917	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.30942	1 Cum
23	Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - 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)	-	28.6674	Sqm
i)	BRM174 : White Cement.	0.0076	0.21787224	1Qntl
ii)	BRM340 : Cement	0.1074	3.07887876	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.6020154	1 Cum

iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	28.6674	1 Sqm.
24	Flooring (AR0817aa) :.Fixing Vitrified 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) - Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	4.28025	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	4.28025	1 Sqm.

ii)	BRMMR0027 : Wax Polish	1	4.28025	1 Sqm
iii)	BRM340 : Cement	0.1375	0.588534375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.06420375	1 Cum
25	Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	4.2189	Sqm
i)	BRMMR0027 : Wax Polish	1	4.2189	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	4.2189	1 Sqm.
iii)	BRM340 : Cement	0.2737	1.15471293	1 Qntl.

iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.0548457	1 Cum
26	Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	6.6645	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	6.6645	1 Sqm.
ii)	BRM340 : Cement	0.1375	0.91636875	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.0999675	1 Cum

27	Iron Work(AR1704) :.Iron Doors and windows fixing - 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.	-	2.68245	Qntl
i)	BRM341 : Steel	1	2.68245	1 Qntl.
28	Painting(AR0905a) :.Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	19.67625	Sqm
i)	BRM141 : Enamel paint	0.125	2.45953125	1 Litre
ii)	BRM138 : Wood Primer	0.075	1.47571875	1 Litre

29	Painting(AR0922a) :.Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	108.636	Sqm
i)	BRM142 : Distemper	0.25	27.159	1 Kg.
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	9.125424	1 Ltr
30	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	125.842055	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.730256875	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	10.57073262	1 Ltr

31	Painting(AR0918g) :.First Floor - 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)	-		43.9312	Sqm
i)	BRM143 : Cement paint	0.25		10.9828	1 Kg.
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084		3.6902208	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.13513	1 Cum	931.91	5717.3889983
2	BRM340	123.3375209599	1 Qntl.	574.677	70879.236532672
3	BRM028	26.932333935	1 Cum	938.79	25283.805774839
4	BRM044	6.24684	1 Cum.	1551.51	9692.0347284
5	BRM060	6.68227428	1 Cum.	2020.18	13499.39685497
6	BRM052	10.02341142	1 Cum.	1983.8	19884.443574996
7	BRM104	0.6494684889808 5	1Cum.	58620.646	38072.262380701
8	BRM092	2.136116745	1Mtr.	276.666	590.99087537217
9	BRM094	5.24003515875	1Mtr.	287.666	1507.379953977
10	BRM084	55.4967101958	1Mtr	297.726	16522.813539755
11	BRM162	14.64396336	1 Kg.	90	1317.9567024
12	BRM341	21.90265191	1 Qntl.	6734.917	147512.54269374
13	BRM006	13010.1648	1000 Nos	5.4818	71319.12140064
14	BRMMR0025	21.006525	1 Cum	33	693.215325
15	BRM056	0.19521	1 Cum.	1998.13	390.0549573
16	BRM174	0.21787224	1Qntl	2036.677	443.73538014648
17	BRM131	32.94765	1 Sqm.	662.8738891	21840.136892206

18	BRMMR0027	8.49915	1 Sqm	8.5	72.242775
19	BRM130	4.2189	1 Sqm.	457.8738891	1931.724150724
20	BRM129	6.6645	1 Sqm.	418.0738891	2786.2534339069
21	BRM141	2.45953125	1 Litre	205.70677	505.94222915156
22	BRM138	1.47571875	1 Litre	155.44677	229.39571311594
23	BRM142	27.159	1 Kg.	70.46677	1913.80700643
24	BRM252	23.38637742	1 Ltr	125.86677	2943.5677878563
25	BRM255	15.730256875	1 Ltr	195.15677	3069.8661229953
26	BRM143	10.9828	1 Kg.	47.83	525.307324
Total: 459144.6231086					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.13513	1 Cum	75.25	461.6685325
2	BRM028	26.932333935	1 Cum	75.25	2026.6581286088
3	BRM044	6.24684	1 Cum.	279.5	1745.99178
4	BRM060	6.68227428	1 Cum.	279.5	1867.69566126
5	BRM052	10.02341142	1 Cum.	279.5	2801.54349189
6	BRM006	13010.1648	1000 Nos	0.04025	523.6591332
7	BRM056	0.19521	1 Cum.	279.5	54.561195
Total: 9481.7779224588					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 10500	Rs. 10500
2	Provision for EI Work @ Rs. 10128	Rs. 10128
3	Provision for Contingency @ 1%	Rs. 8142.2969742185

4	Display Citizen Board @ Rs. 2000	Rs. 2000
5	Any Other Lumpsum @ Rs. 5000	Rs. 5000
Total Addition Component Amount (in Rs.): 35770.296974219		

Total Net Amount (in Rs.): 849999.99439607