

ESTIMATION DPR							
State	Odisha	District	Angul	Block	Anugul	Gram Panchayat	Saradhapur

Work Code	OD/344/3276/115578/405104/00014986 (CONST OF VSS BUILDING AT BETAR)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Anugul	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	Vana Suraksha Samiti Building	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.	4206
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><b>Earth Work (AR0102aa) :</b>  <b>Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; plinth 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	26.514	240.77592	2903.9068148817
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b>  Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	21.160985	1120.295232	2903.9068148817

3	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	6.71927	5991.34685388	2903.9068148817
4	<p><b>Masonry Brick Work (AR0603b) :</b>  <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	9.33315	5096.500782184	2903.9068148817

5	<b>R.C.C. Work (AR0407Aa) : Column base (including centring &amp; shuttering) -</b> Column base (including centring & shuttering)	Cum	7.75575	6959.2229111865	2903.9068148817
6	<b>R.C.C. Work (AR0407Ab) : Plinth beam (including centring &amp; shuttering) -</b> Plinth beam (including centring & shuttering)	Cum	2.30625	6843.288865805	2903.9068148817
7	<b>R.C.C. Work (AR0407Ac) : Column &amp; Beam (including centring &amp; shuttering) -</b> Column & Beam (including centring & shuttering)	Cum	3.375	15014.976298506	2903.9068148817
8	<b>R.C.C. Work (AR0407Ag) : Roof (including centring &amp; shuttering) -</b> Roof (including centring & shuttering)	Cum	5.52	13261.107315577	2903.9068148817

9	<p><b>R.C.C. Work (AR0404Ad) :</b>  <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	1.284375	13128.036615725	2903.9068148817
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10	<p><b>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 -</b>  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	19.2	8653.2339537	2903.9068148817
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11	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	16.154375	5203.471902184	2903.9068148817
12	<p><b>Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) -</b> Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	240.6217	69.00293534351	2903.9068148817

13	<p><b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b>          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)</p>	Sqm	117.7365	94.775145275	2903.9068148817
14	<p><b>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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	90.7925	156.89114311851	2903.9068148817

15	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b>  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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	117.7365	250.557506996	2903.9068148817
16	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b>  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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	90.7925	175.2303375976	2903.9068148817

17	<p><b>Flooring (AR0817aa) :</b>  <b>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) -</b>  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	15.458	1533.634745531	2903.9068148817
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18	<p><b>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 -</b>          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	32.0927	1192.0327623174	2903.9068148817
19	<p><b>Iron Work (AR1704) : Iron Doors and windows fixing -</b>          Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	3.8775	15985.338901087	2903.9068148817

20	<b>Painting (AR0902a) :</b> <b>Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface (inside) -</b> Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface 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).	Sqm	16.43625	176.67696797516	2903.9068148817
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**Total Amount (in Rs.): 792875.33766262**

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :</b> Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth 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	-	26.514	Cum
i	Un-Skilled	0.516	13.681224	-

2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	21.160985	Cum
i	Un-Skilled	0.1236	2.615497746	-
3	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	6.71927	Cum
i	Skilled	0.18	1.2094686	-
ii	Un-Skilled	3.9	26.205153	-

4	<p><b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b></p> <p>- Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	9.33315	Cum
i	Un-Skilled	2.96	27.626124	-
ii	Skilled	1.05	9.7998075	-
iii	Highly-Skilled	0.35	3.2666025	-
5	<p><b>R.C.C. Work (AR0407Aa) : Column base (including centering &amp; shuttering)</b></p> <p>- Column base (including centring &amp; shuttering)</p>	-	7.75575	Cum
i	Un-Skilled	1.3333	10.340741475	-
ii	Skilled	0.175	1.35725625	-
iii	Semi-Skilled	0.1323	1.026085725	-

6	<b>R.C.C. Work (AR0407Ab) : Plinth beam (including centring &amp; shuttering) - Plinth beam (including centring &amp; shuttering)</b>	-	2.30625	Cum
i	Un-Skilled	1.3333	3.074923125	-
ii	Skilled	0.35	0.8071875	-
iii	Semi-Skilled	0.3073	0.708710625	-
7	<b>R.C.C. Work (AR0407Ac) : Column &amp; Beam (including centring &amp; shuttering) - Column &amp; Beam (including centring &amp; shuttering)</b>	-	3.375	Cum
i	Un-Skilled	1.3333	4.4998875	-
ii	Skilled	5.33875	18.01828125	-
iii	Semi-Skilled	5.29605	17.87416875	-
8	<b>R.C.C. Work (AR0407Ag) : Roof (including centring &amp; shuttering) - Roof (including centring &amp; shuttering)</b>	-	5.52	Cum
i	Un-Skilled	1.3333	7.359816	-
ii	Skilled	3.15525	17.41698	-

	iii	Semi-Skilled	3.11255	17.181276	-
9		<b>R.C.C. Work (AR0404Ad) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	1.284375	Cum
	i	Un-Skilled	1.3333	1.7124571875	-
	ii	Skilled	2.34375	3.01025390625	-
	iii	Semi-Skilled	2.30105	2.95541109375	-

10	<b>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 -</b> 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.	-	19.2	Qntl
i	Un-Skilled	0.8	15.36	-
ii	Highly-Skilled	0.3	5.76	-
iii	Semi-Skilled	0.044	0.8448	-

11	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>  Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	16.154375	Cum
	i Un-Skilled	2.96	47.81695	-
	ii Skilled	1.05	16.96209375	-
	iii Highly-Skilled	0.35	5.65403125	-
12	<p><b>Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) -</b> Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	-	240.6217	Sqm

	i	Highly-Skilled	0.053763440860215	12.936650537634	-
	ii	Un-Skilled	0.053763440860215	12.936650537634	-
13		<b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b> 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)	-	117.7365	Sqm
	i	Highly-Skilled	0.054	6.357771	-
	ii	Un-Skilled	0.064	7.535136	-
14		<b>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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)	-	90.7925	Sqm
	i	Un-Skilled	0.11776344086022	10.692037204301	-

	ii	Highly-Skilled	0.10776344086022	9.7841122043011	-
15		<b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b>	-	117.7365	Sqm
	i	Un-Skilled	0.24	28.25676	-
	ii	Skilled	0.16	18.83784	-
16		<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	90.7925	Sqm
	i	Un-Skilled	0.12	10.8951	-
	ii	Skilled	0.14	12.71095	-

17	<p><b>Flooring (AR0817aa)</b>  <b>: 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) -</b>          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>	-	15.458	Sqm
i	Highly-Skilled	0.325	5.02385	-
ii	Un-Skilled	0.325	5.02385	-
iii	Semi-Skilled	0.76	11.74808	-

18	<p><b>Flooring (AR0816) :</b>  <b>Fixing ceramic Tiles</b>  <b>(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) in floor -</b> 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>	-	32.0927	Sqm
i	Un-Skilled	0.216	6.9320232	-
ii	Highly-Skilled	0.216	6.9320232	-
iii	Semi-Skilled	0.55	17.650985	-

19	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> 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.	-	3.8775	Qntl
i	Un-Skilled	6.3976377952756	24.806840551181	-
ii	Semi-Skilled	1.9685039370079	7.632874015748	-
iii	Skilled	3.9370078740157	15.265748031496	-
iv	Highly-Skilled	3.4448818897638	13.357529527559	-
20	<b>Painting (AR0902a) : Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface (inside)</b> - Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface 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).	-	16.43625	Sqm
i	Un-Skilled	0.14193548387097	2.3328870967742	-
ii	Highly-Skilled	0.13440860215054	2.2091733870968	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	269.70405862339	462	124603.27508401
1	Skilled	115.39586678775	562	64852.477134713
2	Highly-Skilled	71.281743606591	612	43624.427087234
3	Semi-Skilled	77.622391209498	512	39742.664299263
<b>Total:</b>				<b>272822.84360522</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth 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	-	<b>26.514</b>	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	<b>21.160985</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	21.160985	1 Cum

3	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	6.71927	Cum
i)	<b>BRM340</b> : Cement	2.29	15.3871283	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.2252496	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.4504992	1 Cum.
4	<p><b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	9.33315	Cum
i)	<b>BRM340</b> : Cement	0.672	6.2718768	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	2.613282	1 Cum

iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	3266.6025	1000 Nos
5	<b>R.C.C. Work (AR0407Aa) :.Column base (including centering &amp; shuttering) - Column base (including centring &amp; shuttering)</b>	-	<b>7.75575</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	32.729265	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.4900875	1 Cum
iii)	<b>BRM060</b> : 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	2.79207	1 Cum.
iv)	<b>BRM052</b> : 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	4.188105	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.03106177875	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	1.46583675	1Mtr.
6	<b>R.C.C. Work (AR0407Ab) :.Plinth beam (including centering &amp; shuttering) - Plinth beam (including centring &amp; shuttering)</b>	-	<b>2.30625</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	9.732375	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.0378125	1 Cum

iii)	<b>BRM060</b> : 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	0.83025	1 Cum.
iv)	<b>BRM052</b> : 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	1.245375	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0307884375	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.4529375	1Mtr.
7	<b>R.C.C. Work (AR0407Ac) :.Column &amp; Beam (including centring &amp; shuttering)</b> - Column & Beam (including centring & shuttering)	-	<b>3.375</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	14.2425	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.51875	1 Cum
iii)	<b>BRM060</b> : 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	1.215	1 Cum.
iv)	<b>BRM052</b> : 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	1.8225	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	14.91615	1Mtr

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.140160375	1Cum.
8	<b>R.C.C. Work (AR0407Ag) :.Roof (including centring &amp; shuttering) - Roof (including centring &amp; shuttering)</b>	-	<b>5.52</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	23.2944	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.484	1 Cum
iii)	<b>BRM060</b> : 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	1.9872	1 Cum.
iv)	<b>BRM052</b> : 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	2.9808	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	34.343232	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.277198944	1Cum.

9	<b>R.C.C. Work (AR0404Ad)</b> <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	<b>1.284375</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	4.4610196875	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.57796875	1 Cum
iii)	<b>BRM060</b> : 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	0.462375	1 Cum.
iv)	<b>BRM052</b> : 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	0.6935625	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	3.7695	4.8414515625	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.0952152140625	1Cum.

10	<b>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 -</b> 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.	-	19.2	Qntl
i)	<b>BRM162 : Binding Wire.</b>	0.8	15.36	1 Kg.
ii)	<b>BRM341 : Steel</b>	1.05	20.16	1 Qntl.
11	<b>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> 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.	-	16.154375	Cum
i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	16.154375	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	10.85574	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	4.523225	1 Cum

iv)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	5654.03125	1000 Nos
12	<b>Painting(AR0901ci)</b> :.Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.	-	<b>240.6217</b>	Sqm
i)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	20.2122228	1 Ltr
13	<b>Painting(AR0920)</b> :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - 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)	-	<b>117.7365</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	14.7170625	1 Litre

14	<b>Painting(AR0918ca)</b> :.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)	-	<b>90.7925</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	11.3490625	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	7.62657	1 Ltr
15	<b>Plastering (AR1014)</b> :.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.	-	<b>117.7365</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	5.0626695	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	2.119257	1 Cum

16	<b>Plastering (AR1004)</b> :.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.	-	<b>90.7925</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	3.2503715	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.3618875	1 Cum
17	<b>Flooring (AR0817aa)</b> :.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.	-	<b>15.458</b>	Sqm
i)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	15.458	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	15.458	1 Sqm

iii)	<b>BRM340</b> : Cement	0.1375	2.125475	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.23187	1 Cum
18	<b>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 -</b> 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.	-	<b>32.0927</b>	Sqm
i)	<b>BRMMR0027</b> : Wax Polish	1	32.0927	1 Sqm
ii)	<b>BRM130</b> : 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	32.0927	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.2737	8.78377199	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.4172051	1 Cum

19	<b>Iron Work(AR1704)</b> :.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.	-	3.8775	Qntl
i)	<b>BRM341 : Steel</b>	1	3.8775	1 Qntl.
20	<b>Painting(AR0902a)</b> :.Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface (inside) - Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface 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).	-	16.43625	Sqm
i)	<b>BRM141 : Enamel paint</b>	0.075	1.23271875	1 Litre
ii)	<b>BRM138 : Wood Primer</b>	0.075	1.23271875	1 Litre

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	21.160985	1 Cum	933.85	19761.18584225
2	<b>BRM340</b>	136.1965927775	1 Qntl.	563.262	76714.36524104
3	<b>BRM028</b>	23.60059495	1 Cum	938.79	22156.002533111
4	<b>BRM044</b>	6.4504992	1 Cum.	1596.76	10299.899102592
5	<b>BRM005</b>	8920.63375	1000 Nos	6.31335	56319.083085563
6	<b>BRM060</b>	7.286895	1 Cum.	2006.73	14622.83080335
7	<b>BRM052</b>	10.9303425	1 Cum.	1983.8	21683.6134515
8	<b>BRM104</b>	0.5744247493125	1Cum.	58573.086	33645.83024201
9	<b>BRM092</b>	2.91877425	1Mtr.	229.106	668.7086933205
10	<b>BRM084</b>	49.259382	1Mtr	250.166	12323.022557412
11	<b>BRM094</b>	4.8414515625	1Mtr.	240.106	1162.4615688656
12	<b>BRM162</b>	15.36	1 Kg.	90.1	1383.936

13	<b>BRM341</b>	24.0375	1 Qntl.	6398.552	153805.1937
14	<b>BRMMR0025</b>	16.154375	1 Cum	33	533.094375
15	<b>BRM252</b>	27.8387928	1 Ltr	125.92622	3505.6339466672
16	<b>BRM140</b>	14.7170625	1 Litre	249.76622	3675.8250701288
17	<b>BRM255</b>	11.3490625	1 Ltr	195.21622	2215.5210817937
18	<b>BRM131</b>	15.458	1 Sqm.	665.5902781	10288.69451887
19	<b>BRMMR0027</b>	47.5507	1 Sqm	8.5	404.18095
20	<b>BRM130</b>	32.0927	1 Sqm.	464.5902781	14909.95641798
21	<b>BRM141</b>	1.23271875	1 Litre	205.76622	253.65187751063
22	<b>BRM138</b>	1.23271875	1 Litre	155.50622	191.69543313563
<b>Total: 460524.3864921</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth 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	-	<b>26.514</b>	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	<b>21.160985</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	21.160985	1 Cum

3	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	6.71927	Cum
i)	<b>BRM340</b> : Cement	2.29	15.3871283	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.2252496	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.4504992	1 Cum.
4	<p><b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	9.33315	Cum
i)	<b>BRM340</b> : Cement	0.672	6.2718768	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	2.613282	1 Cum

iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	3266.6025	1000 Nos
5	<b>R.C.C. Work (AR0407Aa) :.Column base (including centering &amp; shuttering) - Column base (including centring &amp; shuttering)</b>	-	<b>7.75575</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	32.729265	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.4900875	1 Cum
iii)	<b>BRM060</b> : 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	2.79207	1 Cum.
iv)	<b>BRM052</b> : 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	4.188105	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.03106177875	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.00714304575	1Mtr.
6	<b>R.C.C. Work (AR0407Ab) :.Plinth beam (including centering &amp; shuttering) - Plinth beam (including centring &amp; shuttering)</b>	-	<b>2.30625</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	9.732375	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.0378125	1 Cum

iii)	<b>BRM060</b> : 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	0.83025	1 Cum.
iv)	<b>BRM052</b> : 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	1.245375	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0307884375	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.0070801875	1Mtr.
7	<b>R.C.C. Work (AR0407Ac) :.Column &amp; Beam (including centring &amp; shuttering)</b> - Column & Beam (including centring & shuttering)	-	<b>3.375</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	14.2425	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.51875	1 Cum
iii)	<b>BRM060</b> : 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	1.215	1 Cum.
iv)	<b>BRM052</b> : 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	1.8225	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.153019125	1Mtr

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.140160375	1Cum.
8	<b>R.C.C. Work (AR0407Ag) :.Roof (including centring &amp; shuttering) - Roof (including centring &amp; shuttering)</b>	-	<b>5.52</b>	Cum
i)	<b>BRM340</b> : Cement	4.22	23.2944	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.484	1 Cum
iii)	<b>BRM060</b> : 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	1.9872	1 Cum.
iv)	<b>BRM052</b> : 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	2.9808	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.42315768	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.277198944	1Cum.

9	<b>R.C.C. Work (AR0404Ad)</b> <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	<b>1.284375</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	4.4610196875	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.57796875	1 Cum
iii)	<b>BRM060</b> : 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	0.462375	1 Cum.
iv)	<b>BRM052</b> : 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	0.6935625	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.049542	0.06363050625	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.0952152140625	1Cum.

10	<b>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 -</b> 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.	-	19.2	Qntl
i)	<b>BRM341 : Steel</b>	1.05	20.16	1 Qntl.
11	<b>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance $\pm 8$ 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.	-	16.154375	Cum
i)	<b>BRM340 : Cement</b>	0.672	10.85574	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	4.523225	1 Cum
iii)	<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance <math>\pm 2</math> %</b>	350	5654.03125	1000 Nos

12	<b>Painting(AR0901ci)</b> :.Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces( <b>Outer surface</b> ) - Priming one coat with outer surface primer of approved quality oil-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.	-	<b>240.6217</b>	Sqm
i)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	20.2122228	1 Ltr
13	<b>Painting(AR0920)</b> :.Finishing wall two coats with plastic emulsion paint of approved shades on new work ( <b>Inside</b> ) - 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)	-	<b>117.7365</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	14.7170625	1 Litre
14	<b>Painting(AR0918ca)</b> :.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)	-	<b>90.7925</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	11.3490625	1 Ltr

ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	7.62657	1 Ltr
15	<b>Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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.	-	<b>117.7365</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	5.0626695	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	2.119257	1 Cum
16	<b>Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside</b> - 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.	-	<b>90.7925</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	3.2503715	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.3618875	1 Cum

17	<p><b>Flooring (AR0817aa)</b>  <b>:.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) -</b>  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>	-	15.458	Sqm
i)	<p><b>BRM131</b> : 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)</p>	1	15.458	1 Sqm.
ii)	<p><b>BRM340</b> : Cement</p>	0.1375	2.125475	1 Qntl.
iii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.23187	1 Cum

18	<p><b>Flooring (AR0816)</b>  <b>:.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 -</b> 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>	-	32.0927	Sqm
i)	<b>BRM130</b> : 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	32.0927	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.2737	8.78377199	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.4172051	1 Cum
19	<p><b>Iron Work(AR1704)</b>  <b>:.Iron Doors and windows fixing -</b> Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	3.8775	Qntl
i)	<b>BRM341</b> : Steel	1	3.8775	1 Qntl.

20	<b>Painting(AR0902a)</b> :.Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface (inside) - Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface 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).	-	<b>16.43625</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.075	1.23271875	1 Litre
ii)	<b>BRM138</b> : Wood Primer	0.075	1.23271875	1 Litre

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	21.160985	1 Cum	118.25	2502.28647625
2	<b>BRM028</b>	23.60059495	1 Cum	118.25	2790.7703528375
3	<b>BRM044</b>	6.4504992	1 Cum.	504.5	3254.2768464
4	<b>BRM060</b>	7.286895	1 Cum.	504.5	3676.2385275
5	<b>BRM052</b>	10.9303425	1 Cum.	504.5	5514.35779125
<b>Total: 17737.929994238</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 17000	Rs. 17000
2	Provision for Contingency @ Rs. 8500	Rs. 8500
3	Display Citizen Board @ Rs. 1500	Rs. 1500
4	Any Other Lumpsum @ Rs. 25000	Rs. 25000
<b>Total Addition Component Amount (in Rs.): 52000</b>		

**Total Net Amount (in Rs.): 844875.33766262**