

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Khaprakhol	<b>Gram Panchayat</b>	Matiabhata

<b>Work Code</b>	OD/345/3290/115890/420717/00063196 (Const of VSS Building at Kendubhata)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Khaprakhol	<b>Proposal Date</b>	30-08-2025
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Construction of Vana Suraksha Samiti Building	<b>Scheme Component Name</b>	Construction of Buildings for Vana Suraksha Samiti
<b>Project Sub-Category</b>	Vana Suraksha Samiti Building	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	23652
<b>Fund Sanction Amount (in Rs.)</b>	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;"><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	32.443125	240.77592	7811.52326955
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>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	27.663861	647.009232	17898.773459765

3	<p style="text-align: center;"><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	3.40651644	5171.92550926	17618.24927375
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4	<p style="text-align: center;"><b>R.C.C. Work (AR0404Aa) :</b></p> <p><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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	20.16036858	5778.9159683315	116505.07591441
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5	<p style="text-align: center;"><b>R.C.C. Work (AR0409) :</b>  <b>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	20.1	8439.849062	169640.9661462
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6	<p style="text-align: center;"><b>Masonry</b></p> <p><b>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 ±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>	Cum	11.3297055	5124.232229368	58056.042072348
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7	<p style="text-align: center;"><b>Masonry Brick Work (AR0603bi) :</b>  <b>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>	Cum	17.72133	5153.527238968	91327.356865741
8	<p style="text-align: center;"><b>R.C.C. Work (AR0410d) :</b>  <b>First floor - Rigid</b>  and smooth  centring and  shuttering for  R.C.C. works  including false  works and  dismantling them  after casting  including cost of  materials complete  in ground floor  R.C.C. beams,  column, girder and  bracket, etc.  Data for 4.2sqm</p>	Sqm	37.261152	1259.3620926389	46925.282356856

9	<p style="text-align: center;"><b>R.C.C. Work (AR0410a) :</b></p> <p><b>Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b></p>	Sqm	61.996437	665.12801693244	41235.567198687
10	<p style="text-align: center;"><b>R.C.C. Work (AR0410e) :</b></p> <p><b>Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm</b></p>	Sqm	9.5535	500.84993038128	4784.8698098976

11	<p align="center"><b>R.C.C. Work (AR0410c) :</b>  <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	22.0194	216.83639468084	4774.6073090353
12	<p align="center"><b>Flooring (AR0816j) :</b>  <b>Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 -</b>  Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</p>	Sqm	49.222404	966.9287649078	47594.558305513

13	<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	137.6757	240.936635442	33171.119940122
14	<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	69.4737	167.2137986852	11616.961285716

15	<p><b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside. -</b>  20mm thick cement Plaster in CM (1:4) over stone 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	19.578675	262.7504691536	5144.3060416559
16	<p><b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</b> Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	226.71	71.84560304831	16288.116667082

17	<p style="text-align: center;"><b>Painting (AR0920) :</b>  <b>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	137.57	94.775145275	13038.216735482
18	<p style="text-align: center;"><b>Painting (AR0918ca) :</b>  <b>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	89.04	156.89114311851	13969.587383272

19	<p style="text-align: center;"><b>Painting (AR0901b) :</b>  <b>Priming one coat in inner surface with primer of approved quality over iron work. -</b>  Priming one coat in inner surface with primer of approved quality over iron work 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	11.2525125	66.12545887751	744.07755258742
20	<p style="text-align: center;"><b>Painting (AR0903i) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface) -</b>  Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	11.25	164.25024333952	1847.8152375696

21	<p align="center"><b>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member -</b></p> <p>Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&amp;P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	Sqm	1.3935	6754.6533798472	9412.6094848171
22	<p align="center"><b>Iron Work (AR1704) : Iron Doors and windows fixing -</b></p> <p>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	3.6725	15770.183247087	57915.997974927
<b>Total Amount (in Rs.): 787321.68028498</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><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></p> <p>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>	-	32.443125	Cum
i	Un-Skilled	0.516	16.7406525	-
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b></p> <p>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>	-	27.663861	Cum
i	Un-Skilled	0.1236	3.4192532196	-

3	<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	3.40651644	Cum
i	Skilled	0.18	0.6131729592	-
ii	Un-Skilled	3.9	13.285414116	-

4	<b>R.C.C. Work (AR0404Aa) :</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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	20.16036858	Cum
i	Un-Skilled	1.3333	26.879819427714	-
ii	Skilled	0.175	3.5280645015	-
iii	Semi-Skilled	0.1323	2.667216763134	-

5	<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.	-	20.1	Qntl
i	Un-Skilled	0.8	16.08	-
ii	Highly-Skilled	0.3	6.03	-
iii	Semi-Skilled	0.044	0.8844	-

6	<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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	11.3297055	Cum
i	Un-Skilled	2.96	33.53592828	-
ii	Skilled	1.05	11.896190775	-
iii	Highly-Skilled	0.35	3.965396925	-

7	<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>	-	17.72133	Cum
	i Un-Skilled	2.96	52.4551368	-
	ii Skilled	1.05	18.6073965	-
	iii Highly-Skilled	0.35	6.2024655	-
8	<p><b>R.C.C. Work (AR0410d) : First floor</b>  - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm</p>	-	37.261152	Sqm
	i Semi-Skilled	0.78571428571429	29.276619428571	-

	ii	Skilled	0.78571428571429	29.276619428571	-
9		<b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b>	-	61.996437	Sqm
	i	Semi-Skilled	0.30555555555556	18.94335575	-
	ii	Skilled	0.30555555555556	18.94335575	-
10		<b>R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm</b>	-	9.5535	Sqm
	i	Semi-Skilled	0.16025641025641	1.5310096153846	-
	ii	Skilled	0.16025641025641	1.5310096153846	-

11	<p><b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	22.0194	Sqm
i	Semi-Skilled	0.05	1.10097	-
ii	Skilled	0.05	1.10097	-
12	<p><b>Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 -</b> Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</p>	-	49.222404	Sqm
i	Un-Skilled	0.216	10.632039264	-
ii	Highly-Skilled	0.216	10.632039264	-

	iii	Semi-Skilled	0.55	27.0723222	-
13		<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>	-	137.6757	Sqm
	i	Un-Skilled	0.24	33.042168	-
	ii	Skilled	0.16	22.028112	-
14		<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>	-	69.4737	Sqm
	i	Un-Skilled	0.12	8.336844	-
	ii	Skilled	0.14	9.726318	-

15	<b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside.</b> - 20mm thick cement Plaster in CM (1:4) over stone 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.	-	19.578675	Sqm
i	Un-Skilled	0.24	4.698882	-
ii	Skilled	0.16	3.132588	-
16	<b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</b> - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	226.71	Sqm
i	Highly-Skilled	0.053763440860215	12.188709677419	-
ii	Un-Skilled	0.053763440860215	12.188709677419	-

17	<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>	-	137.57	Sqm
i	Highly-Skilled	0.054	7.42878	-
ii	Un-Skilled	0.064	8.80448	-
18	<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>	-	89.04	Sqm
i	Un-Skilled	0.11776344086022	10.485656774194	-
ii	Highly-Skilled	0.10776344086022	9.5952567741935	-

19	<b>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.</b> - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	11.2525125	Sqm
i	Highly-Skilled	0.053763440860215	0.60497379032258	-
ii	Un-Skilled	0.053763440860215	0.60497379032258	-
20	<b>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)</b> - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	11.25	Sqm
i	Highly-Skilled	0.13440860215054	1.5120967741935	-
ii	Un-Skilled	0.11827956989247	1.3306451612903	-

21	<p><b>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member -</b>          Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&amp;P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	1.3935	Sqm
i	Un-Skilled	1.3888888888889	1.9354166666667	-
ii	Semi-Skilled	1.0648148148148	1.4838194444444	-
iii	Skilled	0.7777777777778	1.0838333333333	-
iv	Highly-Skilled	0.1944444444444	0.2709583333333	-
v		0.46296296296296	0.6451388888889	-

22	<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.	-	3.6725	Qntl
i	Un-Skilled	6.3976377952756	23.49532480315	-
ii	Semi-Skilled	1.9685039370079	7.2293307086614	-
iii	Skilled	3.9370078740157	14.458661417323	-
iv	Highly-Skilled	3.4448818897638	12.651328740157	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	277.95134448036	462	128413.52114992
2	Skilled	135.92629228031	562	76390.576261535
3	Semi-Skilled	90.189043910196	512	46176.79048202
4	Highly-Skilled	71.08200577862	612	43502.187536515
5		0.64513888888889	50	32.2569444444444
<b>Total:</b>				<b>294515.33237444</b>

#### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><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 &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>	-	32.443125	Cum
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>	-	27.663861	Cum
i)	<p><b>BRM029 : Sand for filling and road blinding</b></p>	1	27.663861	1 Cum
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>	-	3.40651644	Cum
i)	<p><b>BRM340 : Cement</b></p>	2.29	7.8009226476	1 Qntl.
ii)	<p><b>BRM028 : Screened and washed sharp sand for mortar</b></p>	0.48	1.6351278912	1 Cum

iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.2702557824	1 Cum.
4	<b>R.C.C. Work (AR0404Aa)</b> :.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.)	-	<b>20.16036858</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	70.023008188914	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.072165861	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	7.2577326888	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	10.8865990332	1 Cum.

v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.0807422761629	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	3.81030966162	1Mtr.
5	<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.	-	<b>20.1</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	16.08	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	21.105	1 Qntl.
6	<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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	<b>11.3297055</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	7.613562096	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	3.17231754	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./Cm2 with dimensional tolerance $\pm$ 2 %	350	3965.396925	1000 Nos
7	<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/cm2 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.	-	<b>17.72133</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	17.72133	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	11.90873376	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	4.9619724	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./Cm2 with dimensional tolerance $\pm$ 2 %	350	6202.4655	1000 Nos

8	<b>R.C.C. Work (AR0410d) :.First floor</b> - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	<b>37.261152</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.66285714285714	24.698820754286	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.23208374674286	1Cum.
9	<b>R.C.C. Work (AR0410a) :.Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas</b> - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	<b>61.996437</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.622222222222222	38.5755608	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.005022222222222	0.3113598836	1Cum.

10	<b>R.C.C. Work (AR0410e) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm</b>	-	<b>9.5535</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.26923076923077	2.5720961538462	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.050584557692308	1Cum.
11	<b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</b>	-	<b>22.0194</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.058791798	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.7744444	1Mtr.

12	<b>Flooring (AR0816j)</b> :.Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	49.222404	Sqm
i)	<b>BRM134</b> : Chequered Tiles.	1	49.222404	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	49.222404	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	13.4721719748	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.639891252	1 Cum
13	<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.	-	137.6757	Sqm
i)	<b>BRM340</b> : Cement	0.043	5.9200551	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	2.4781626	1 Cum

14	<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>69.4737</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.48715846	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.0421055	1 Cum
15	<b>Plastering (AR1017)</b> :.20mm thick cement Plaster in CM (1:4) over brick work in inside. - 20mm thick cement Plaster in CM (1:4) over stone 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>19.578675</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0744	1.45665342	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	0.411152175	1 Cum

16	<b>Painting(AR0901d)</b> :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	226.71	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	19.04364	1 Ltr
17	<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)	-	137.57	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	17.19625	1 Litre
18	<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)	-	89.04	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	11.13	1 Ltr

ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	7.47936	1 Ltr
19	<b>Painting(AR0901b)</b> :.Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	<b>11.2525125</b>	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	0.607635675	1 Litre
20	<b>Painting(AR0903i)</b> :.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	<b>11.25</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	1.40625	1 Litre

21	<p><b>Other Building Items. (AR1909) :.Al. door with OEL anodized Al. door section of 9202 as vertical member -</b>  Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&amp;P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	<b>1.3935</b>	Sqm
i)	<b>BRM281 :</b> Prelaminated particle board (standard type) (I.S.I.) 12mm	1.1018518518519	1.5354305555556	Sqm
ii)	<b>BRMMR0008 :</b> Hire charges of drills machine	0.694444444444444	0.967708333333333	Day
iii)	<b>BRMMR0018 :</b> 6-Level mortice lock	0.46296296296296	0.645138888888889	Each
iv)	<b>BRMMR0017 :</b> Handle	0.92592592592593	1.29027777777778	Each
v)	<b>BRMMR0016 :</b> Door Stopper	0.46296296296296	0.645138888888889	Each
vi)	<b>BRMMR0011 :</b> U rubber beading	8.4675925925926	11.799590277778	Mtr
vii)	<b>BRMMR0015 :</b> 4 Anodised Al. Hinges	1.8518518518519	2.5805555555556	Each
viii)	<b>BRM304 :</b> Aluminium extruded section	11.821805555556	16.473686041667	kg

22	<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.	-	3.6725	Qntl
i)	<b>BRM341 : Steel</b>	1	3.6725	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	27.663861	1 Cum	543.25	15028.39248825
2	<b>BRM340</b>	120.68226564731	1 Qntl.	540.857	65271.848151209
3	<b>BRM028</b>	23.4128952192	1 Cum	548.19	12834.715030213
4	<b>BRM044</b>	3.2702557824	1 Cum.	1401.46	4583.1326688023
5	<b>BRM060</b>	7.2577326888	1 Cum.	1936.41	14053.946155919
6	<b>BRM052</b>	10.8865990332	1 Cum.	1918.7	20888.117565001
7	<b>BRM104</b>	0.73356226219806	1Cum.	58763.326	43106.558354842
8	<b>BRM092</b>	6.58475406162	1Mtr.	371.786	2448.1193735535
9	<b>BRM162</b>	16.08	1 Kg.	90	1447.2
10	<b>BRM341</b>	24.7775	1 Qntl.	6229.912	154361.64458
11	<b>BRM005</b>	10167.862425	1000 Nos	6.59565	67063.661803451
12	<b>BRMMR0025</b>	17.72133	1 Cum	33	584.80389
13	<b>BRM084</b>	63.274381554286	1Mtr	440.406	27866.417282797
14	<b>BRM094</b>	2.5720961538462	1Mtr.	430.346	1106.8912914231
15	<b>BRM134</b>	49.222404	1 Sqm.	254.75	12539.407419
16	<b>BRMMR0027</b>	49.222404	1 Sqm	8.5	418.390434
17	<b>BRM253</b>	19.04364	1 Ltr	159.43244	3036.1739916816
18	<b>BRM140</b>	17.19625	1 Litre	249.76622	4295.042360675
19	<b>BRM255</b>	11.13	1 Ltr	195.21622	2172.7565286
20	<b>BRM252</b>	7.47936	1 Ltr	125.92622	941.8475328192
21	<b>BRM137</b>	0.607635675	1 Litre	143.12622	86.968597299898
22	<b>BRM141</b>	1.40625	1 Litre	205.76622	289.358746875
23	<b>BRM281</b>	1.5354305555556	Sqm	710.82	1091.4147475
24	<b>BRMMR0008</b>	0.967708333333333	Day	100	96.7708333333333
25	<b>BRMMR0018</b>	0.645138888888889	Each	600	387.083333333333

26	<b>BRMMR0017</b>	1.2902777777778	Each	62.5	80.642361111111
27	<b>BRMMR0016</b>	0.64513888888889	Each	25	16.128472222222
28	<b>BRMMR0011</b>	11.799590277778	Mtr	15	176.99385416667
29	<b>BRMMR0015</b>	2.5805555555556	Each	39	100.64166666667
30	<b>BRM304</b>	16.473686041667	kg	297.97	4908.6642298354
<b>Total: 461283.73374458</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	27.663861	1 Cum	40.25	1113.47040525
2	<b>BRM028</b>	23.4128952192	1 Cum	40.25	942.3690325728
3	<b>BRM044</b>	3.2702557824	1 Cum.	149.5	488.9032394688
4	<b>BRM060</b>	7.2577326888	1 Cum.	149.5	1085.0310369756
5	<b>BRM052</b>	10.8865990332	1 Cum.	149.5	1627.5465554634
<b>Total: 5257.3202697306</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 25000	Rs. 25000
2	Provision for EI Work @ Rs. 20000	Rs. 20000
3	Provision for Contingency @ 1%	Rs. 7873.2168028498
4	Display Citizen Board @ Rs. 3000	Rs. 3000
5	Any Other Lumpsum @ Rs. 6805	Rs. 6805
<b>Total Addition Component Amount (in Rs.): 62678.21680285</b>		

**Total Net Amount (in Rs.): 849999.89708783**