

ESTIMATION DPR							
State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Tanwat

Work Code	OD/368/3534/120853/421765/00015097 (Const.of Vss Building at Gobra,Tanwat)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nuapada	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.	18481
Fund Sanction Amount (in Rs.)	850000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Earth Work (AR0102aa) : 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</p>	Cum	40.820366208	240.77592	9828.5612284681
2	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	21.53924188032	581.258232	12519.861653975

3	<p align="center">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	7.73701059072	5236.20628054	40512.583447733
4	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	117.79357176	167.1337688708	19687.283597002

5	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	205.0647919	240.841612218	49388.135090345
6	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	16.6427284332	4962.629104832	82591.688506413

7	<p style="text-align: center;">Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	25.350367428	5048.022104072	127969.21512289
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8	<p style="text-align: center;">R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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	17.43	8037.151962	140087.55869766
9	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in- charge(for new work only)</p>	Sqm	53.0104518	1002.9946193354	53169.197923939

10	<p style="text-align: center;">Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	Sqm	16.9641435418	872.266383426	14797.252135125
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11	<p align="center">Other Building Items. (AR1902) : cement based wall putty (water based) -</p> <p>Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,e tc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	147.0468684	79.21834	11648.808816846
12	<p align="center">R.C.C. Work (AR0407Aa) : Column base (including centering & shuttering) -</p> <p>Column base (including centring & shuttering)</p>	Cum	4.216353822	6255.7678784321	26376.530803772
13	<p align="center">R.C.C. Work (AR0407Ab) : Plinth beam (including centering & shuttering) -</p> <p>Plinth beam (including centring & shuttering)</p>	Cum	2.058560568	7013.1421247602	14436.977835811
14	<p align="center">R.C.C. Work (AR0407Ac) : Column & Beam (including centring & shuttering) -</p> <p>Column & Beam (including centring & shuttering)</p>	Cum	2.694414312	14313.279512819	38565.905170996

15	<p style="text-align: center;">R.C.C. Work (AR0407Ad) : Lintel (including centring & shuttering) - Lintel (including centring & shuttering)</p>	Cum	1.372373712	12925.756310445	17738.968168173
16	<p style="text-align: center;">Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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	169.0648794	78.8505283	13330.855057666

17	<p style="text-align: center;">R.C.C. Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	Cum	6.5215572576	12064.587068065	78679.895353686
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18	<p style="text-align: center;">Painting (AR0918Ai) : Finishing wall one coat with weather coat -</p> <p>Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	127.13032326	57.1001053275	7259.1548484651
Total Amount (in Rs.): 758588.43345897					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>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</p>	-	40.820366208	Cum
i	Un-Skilled	0.516	21.063308963328	-

2	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	21.53924188032	Cum
i	Un-Skilled	0.1236	2.6622502964076	-
3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	7.73701059072	Cum
i	Skilled	0.18	1.3926619063296	-
ii	Un-Skilled	3.9	30.174341303808	-

4	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	117.79357176	Sqm
i	Un-Skilled	0.12	14.1352286112	-
ii	Skilled	0.14	16.4911000464	-
5	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	205.0647919	Sqm
i	Un-Skilled	0.24	49.215550056	-
ii	Skilled	0.16	32.810366704	-

6	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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 ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	16.6427284332	Cum
i	Un-Skilled	2.96	49.262476162272	-
ii	Skilled	1.05	17.47486485486	-
iii	Highly-Skilled	0.35	5.82495495162	-

7	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	25.350367428	Cum
i	Un-Skilled	2.96	75.03708758688	-
ii	Skilled	1.05	26.6178857994	-
iii	Highly-Skilled	0.35	8.8726285998	-

8	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	17.43	Qntl
i	Un-Skilled	0.8	13.944	-
ii	Highly-Skilled	0.3	5.229	-
iii	Semi-Skilled	0.044	0.76692	-
9	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	53.0104518	Sqm

	i	Un-Skilled	0.216	11.4502575888	-
	ii	Highly-Skilled	0.216	11.4502575888	-
10		<p>Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	16.9641435418	Sqm
	i	Un-Skilled	0.325	5.513346651085	-
	ii	Highly-Skilled	0.325	5.513346651085	-

11	<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.</p>	-	147.0468684	Sqm
	i Un-Skilled	0.057	8.3816714988	-
	ii Skilled	0.05	7.35234342	-
12	<p>R.C.C. Work (AR0407Aa) : Column base (including centering & shuttering) - Column base (including centring & shuttering)</p>	-	4.216353822	Cum
	i Un-Skilled	1.3333	5.6216645508726	-
	ii Skilled	0.175	0.73786191885	-
	iii Semi-Skilled	0.1323	0.5578236106506	-
13	<p>R.C.C. Work (AR0407Ab) : Plinth beam (including centering & shuttering) - Plinth beam (including centring & shuttering)</p>	-	2.058560568	Cum

	i	Un-Skilled	1.3333	2.7446788053144	-
	ii	Skilled	0.35	0.7204961988	-
	iii	Semi-Skilled	0.3073	0.6325956625464	-
14		R.C.C. Work (AR0407Ac) : Column & Beam (including centring & shuttering) - Column & Beam (including centring & shuttering)	-	2.694414312	Cum
	i	Un-Skilled	1.3333	3.5924626021896	-
	ii	Skilled	5.33875	14.38480440819	-
	iii	Semi-Skilled	5.29605	14.269752917068	-
15		R.C.C. Work (AR0407Ad) : Lintel (including centring & shuttering) - Lintel (including centring & shuttering)	-	1.372373712	Cum
	i	Un-Skilled	1.3333	1.8297858702096	-
	ii	Skilled	2.34375	3.2165008875	-
	iii	Semi-Skilled	2.30105	3.1579005299976	-

16	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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>	-	169.0648794	Sqm	
	i	Highly-Skilled	0.052	8.7913737288	-
	ii	Un-Skilled	0.062	10.4820225228	-
17	<p>R.C.C. Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	-	6.5215572576	Cum	

	i	Un-Skilled	1.3333	8.6951922915581	-
	ii	Skilled	3.15525	20.577143537042	-
	iii	Semi-Skilled	3.11255	20.298673042143	-
18		Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	127.13032326	Sqm
	i	Un-Skilled	0.043	5.46660390018	-
	ii	Highly-Skilled	0.036	4.57669163736	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	319.2719292617	462	147503.63131891
2	Skilled	141.77602968137	562	79678.128680931
3	Highly-Skilled	50.258253157465	612	30758.050932369
4	Semi-Skilled	39.683665762405	512	20318.036870351
Total:				278257.84780256

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>Earth Work (AR0102aa) :.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</p>	-	40.820366208	Cum
2	<p>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	21.53924188032	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	21.53924188032	1 Cum
3	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	7.73701059072	Cum
i)	<p>BRM340 : Cement</p>	2.29	17.717754252749	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	3.7137650835456	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.4275301670912	1 Cum.
4	Plastering (AR1004) ::12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	117.79357176	Sqm
i)	BRM340 : Cement	0.0358	4.217009869008	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.7669035764	1 Cum
5	Plastering (AR1014) ::16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	205.0647919	Sqm
i)	BRM340 : Cement	0.043	8.8177860517	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	3.6911662542	1 Cum

6	<p>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	16.6427284332	Cum
i)	BRM340 : Cement	0.672	11.18391350711	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	4.659963961296	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	5824.95495162	1000 Nos
7	<p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	25.350367428	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	25.350367428	1 Cum
ii)	BRM340 : Cement	0.672	17.035446911616	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	7.09810287984	1 Cum
iv)	BRM005 : 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	8872.6285998	1000 Nos
8	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	17.43	Qntl
i)	BRM162 : Binding Wire.	0.8	13.944	1 Kg.
ii)	BRM341 : Steel	1.05	18.3015	1 Qntl.

9	<p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	53.0104518	Sqm
i)	BRM174 : White Cement.	0.0076	0.40287943368	1Qntl
ii)	BRM340 : Cement	0.1074	5.69332252332	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.1132194878	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	53.0104518	1 Sqm.

10	<p>Flooring (AR0817b) ::Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	16.9641435418	Sqm
i)	<p>BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753</p>	1	16.9641435418	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	2.3325697369975	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.254462153127	1 Cum
11	<p>Other Building Items. (AR1902) ::cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	147.0468684	Sqm

i)	BRMMR0038 : Cement based putty	0.8	117.63749472	kg
12	R.C.C. Work (AR0407Aa) :.Column base (including centering & shuttering) - Column base (including centring & shuttering)	-	4.216353822	Cum
i)	BRM340 : Cement	4.22	17.79301312884	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.8973592199	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.51788737592	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	2.27683106388	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01688649705711	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.796890872358	1Mtr.
13	R.C.C. Work (AR0407Ab) :.Plinth beam (including centering & shuttering) - Plinth beam (including centring & shuttering)	-	2.058560568	Cum
i)	BRM340 : Cement	4.22	8.68712559696	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.9263522556	1 Cum

iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.74108180448	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.11162270672	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0274817835828	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.29689315784	1Mtr.
14	R.C.C. Work (AR0407Ac) :.Column & Beam (including centring & shuttering) - Column & Beam (including centring & shuttering)	-	2.694414312	Cum
i)	BRM340 : Cement	4.22	11.37042839664	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.2124864404	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.96998915232	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.45498372848	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	11.908233493315	1Mtr

vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.11189633196305	1Cum.
15	R.C.C. Work (AR0407Ad) :.Lintel (including centring & shuttering) - Lintel (including centring & shuttering)	-	1.372373712	Cum
i)	BRM340 : Cement	4.22	5.79141706464	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.6175681704	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.49405453632	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.74108180448	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	5.173162707384	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.10173886657855	1Cum.
16	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	169.0648794	Sqm
i)	BRM142 : Distemper	0.25	42.26621985	1 Kg.

17	<p>R.C.C. Work (AR0404Bg) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	-	6.5215572576	Cum
i)	<p>BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)</p>	0.36	2.347760612736	1 Cum.
ii)	<p>BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)</p>	0.54	3.521640919104	1 Cum.
iii)	<p>BRM340 : Cement</p>	3.4733	22.651324822822	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	2.93470076592	1 Cum
v)	<p>BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.</p>	6.2216	40.574520633884	1Mtr

vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.32749434511635	1Cum.
18	Painting(AR0918Ai) :Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	127.13032326	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	9.5347742445	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	21.53924188032	1 Cum	478.15	10298.988505075
2	BRM340	133.2911118624	1 Qntl.	562.097	74922.534104521
3	BRM028	29.886050248429	1 Cum	483.09	14437.652014513
4	BRM044	7.4275301670912	1 Cum.	1440.52	10699.505756298
5	BRM005	14697.58355142	1000 Nos	6.2128	91313.147088262
6	BRMMR0025	25.350367428	1 Cum	33	836.562125124
7	BRM162	13.944	1 Kg.	90.1	1256.3544
8	BRM341	18.3015	1 Qntl.	5905.327	108076.3420905
9	BRM174	0.40287943368	1Qntl	2053.857	827.4567450197
10	BRM131	53.0104518	1 Sqm.	663.9538891	35196.495635558
11	BRM129	16.9641435418	1 Sqm.	416.4375001	7064.5055278848
12	BRMMR0038	117.63749472	kg	30	3529.1248416
13	BRM060	6.070773481776	1 Cum.	1863.94	11315.557523622
14	BRM052	9.106160222664	1 Cum.	1827.56	16642.054176532
15	BRM104	0.58549782429786	1Cum.	58620.646	34322.260691935
16	BRM092	2.093784030198	1Mtr.	276.666	579.27885249876
17	BRM084	52.482754127199	1Mtr	250.166	13129.400668985
18	BRM094	5.173162707384	1Mtr.	287.666	1488.1430233823
19	BRM142	42.26621985	1 Kg.	70.40732	2975.8512661693
20	BRM255	9.5347742445	1 Ltr	195.15677	1860.7757442358
Total: 440771.99078172					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM029	21.53924188032	1 Cum	40.25	866.95448568288
2	BRM028	29.886050248429	1 Cum	40.25	1202.9135224993
3	BRM044	7.4275301670912	1 Cum.	149.5	1110.4157599801
4	BRM060	6.070773481776	1 Cum.	149.5	907.58063552551
5	BRM052	9.106160222664	1 Cum.	149.5	1361.3709532883
Total: 5449.235356976					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 20000	Rs. 20000
2	Provision for EI Work @ Rs. 15000	Rs. 15000
3	Provision for Contingency @ 1%	Rs. 7585.8843345897
4	Display Citizen Board @ Rs. 3000	Rs. 3000
5	Any Other Lumpsum @ Rs. 45825	Rs. 45825
Total Addition Component Amount (in Rs.): 91410.88433459		

Total Net Amount (in Rs.): 849999.31779356