

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Bhubaneswar	Gram Panchayat	Tamando

Work Code	OD/362/3460/119615/407771/00015471 (Provision of Facility Centre at Tamando GP Hqrs)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhubaneswar	Proposal Date	-
Date of Commencement	02-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Provision of Facilities at GP Head Quarter
Project Sub-Category	GP Facility Centre	Project Type	New Work
Name of Executant	Suchismita Mohanty		

### Administrative Approval Details

Approval No.	OD/362/3460/119615/407771/00015471/AS
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### Technical Sanction Details

Technical Sanction No.	OD/362/3460/119615/407771/00015471/TS
Fund Sanction No.	18989
Fund Sanction Amount (in Rs.)	1000000

### 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	1.8122752	240.77592	28934.925560563
2	<p><b>R.C.C. Work (AR0409) : First floor -</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	13	8686.0068175	28934.925560563

3	<p><b>R.C.C. Work (AR0410a) : 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</p>	Sqm	14.492868	795.2279320416	28934.925560563
4	<p><b>Plastering (AR1014) : First Floor</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	96.5726685	246.00344265	28934.925560563

5	<p><b>Plastering (AR1027) : First Floor</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	77.295296	192.01765288	28934.925560563
6	<p><b>Masonry Brick Work (AR0603bi) : First floor</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	38.08228597456	5362.7379958	28934.925560563

7	<p><b>Painting (AR0901d) : First Floor - Priming</b>  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	96.5726685	73.178231574671	28934.925560563
8	<p><b>Painting (AR0920) : First Floor - Finishing wall</b>  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	100.985561	96.6498933875	28934.925560563
9	<p><b>Painting (AR0918g) : First Floor - Finishing wall</b>  with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	100.985561	113.93785087145	28934.925560563

10	<p><b>Other Building Items. (AR1902) :</b>  <b>First Floor -</b>  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&amp;P,e tc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	96.5726685	80.8676902	28934.925560563
11	<p><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	15.700607	216.23489289764	28934.925560563

12	<p><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 -</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. Lintels Data for 7.8 sqm</p>	Sqm	11.14836	499.15267251462	28934.925560563
13	<p><b>R.C.C. Work (AR0404A) : First floor -</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	17.07901032624	6002.533877995	28934.925560563

14	<p><b>R.C.C. Work (AR0410e) : 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. Lintels Data for 7.8 sqm</p>	Sqm	10.46459392	598.98320701754	28934.925560563
15	<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, girder and bressmer, etc. Data for 4.2sqm</p>	Sqm	51.125914445	1256.858751656	28934.925560563
16	<p><b>Other Building Items. (AR1901B) : First floor</b> - Supplying, fitting &amp; 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&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	77.295296	1010.857865013	28934.925560563

17	<p><b>Plastering (AR1004) : First Floor - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	100.985561	170.42856857	28934.925560563
18	<p><b>Painting (AR0903i) : First Floor - 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></p>	Sqm	14.492868	171.14133955524	28934.925560563
19	<p><b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b></p>	Cum	2.0388096	503.134732	28934.925560563

20	<p><b>Painting (AR0918c) : First Floor</b> - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	46.4515	59.426934875538	28934.925560563
21	<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	1.2	15988.861377087	28934.925560563

22	<p><b>Flooring (AR0817ac) : First floor -</b> Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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	13.9075791	1484.710881336	28934.925560563
23	<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>	Cum	0.2265344	5720.2452415	28934.925560563

24	<p><b>R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)</p>	Cum	0.013592064	14161.515297649	28934.925560563
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25	<p><b>Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</b>  - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&amp;P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	Rmt	4.571999853696	3129.0244276074	28934.925560563
26	<p><b>Other Building Items. (AR1907) : aluminum sliding window (sliding type) -</b> Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778, as windows frame, section No. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-in-charge.</p>	Sqm	2.601284	4134.3300372752	28934.925560563

27	<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 Engineer-in-charge.	Sqm	27.9266418	932.717027555	28934.925560563
28	<b>Roofing (AR1132) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	Sqm	55.7418	519.08846791032	28934.925560563
<b>Total Amount (in Rs.): 808829.08105348</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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>	-	1.8122752	Cum
i	Un-Skilled	0.516	0.9351340032	-
2	<p><b>R.C.C. Work (AR0409) : First floor -</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>	-	13	Qntl
i	Un-Skilled	0.84	10.92	-
ii	Highly-Skilled	0.315	4.095	-
iii	Semi-Skilled	0.0462	0.6006	-

3	<p><b>R.C.C. Work (AR0410a) : 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</p>	-	14.492868	Sqm
	i Semi-Skilled	0.366666666666667	5.3140516	-
	ii Skilled	0.366666666666667	5.3140516	-
4	<p><b>Plastering (AR1014) : First Floor</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>	-	96.5726685	Sqm
	i Un-Skilled	0.2472	23.8727636532	-
	ii Skilled	0.1648	15.9151757688	-

5	<b>Plastering (AR1027) : First Floor</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	77.295296	Sqm
i	Un-Skilled	0.1751	13.5344063296	-
ii	Skilled	0.1442	11.1459816832	-
6	<b>Masonry Brick Work (AR0603bi) : First floor</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.	-	38.08228597456	Cum
i	Un-Skilled	3.404	129.6321014574	-
ii	Skilled	1.2075	45.984360314281	-
iii	Highly-Skilled	0.4025	15.32812010476	-

7	<b>Painting (AR0901d) : First Floor</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.	-	96.5726685	Sqm
	i Highly-Skilled	0.055376344086022	5.3478413201613	-
	ii Un-Skilled	0.055376344086022	5.3478413201613	-
8	<b>Painting (AR0920) : First Floor</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)	-	100.985561	Sqm
	i Highly-Skilled	0.05562	5.61681690282	-
	ii Un-Skilled	0.06592	6.65696818112	-

9	<b>Painting (AR0918g) : First Floor -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	100.985561	Sqm
i	Un-Skilled	0.090051612903226	9.0939126479871	-
ii	Highly-Skilled	0.079551612903226	8.0335642574871	-
10	<b>Other Building Items. (AR1902) : First Floor -</b> 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.	-	96.5726685	Sqm
i	Un-Skilled	0.05871	5.669781367635	-
ii	Skilled	0.0515	4.97349242775	-

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>	-	15.700607	Sqm
i	Semi-Skilled	0.05	0.78503035	-
ii	Skilled	0.05	0.78503035	-
12	<p><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 -</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. Lintels Data for 7.8 sqm</p>	-	11.14836	Sqm
i	Semi-Skilled	0.16025641025641	1.7865961538462	-
ii	Skilled	0.16025641025641	1.7865961538462	-

13	<b>R.C.C. Work (AR0404A) : First floor</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	17.07901032624	Cum
	i Un-Skilled	1.533295	26.187161138172	-
	ii Skilled	0.115	1.9640861875176	-
	iii Semi-Skilled	0.065895	1.1254213854476	-
14	<b>R.C.C. Work (AR0410e) : 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. Lintels Data for 7.8 sqm	-	10.46459392	Sqm
	i Semi-Skilled	0.19230769230769	2.0124219076923	-
	ii Skilled	0.19230769230769	2.0124219076923	-

15	<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	-	51.125914445	Sqm
i	Semi-Skilled	0.78571428571429	40.170361349643	-
ii	Skilled	0.78571428571429	40.170361349643	-
16	<b>Other Building Items. (AR1901B) : First floor</b> - 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)	-	77.295296	Sqm
i	Un-Skilled	0.2268	17.5305731328	-
ii	Highly-Skilled	0.2268	17.5305731328	-

17	<b>Plastering (AR1004) : First Floor</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.	-	100.985561	Sqm
i	Un-Skilled	0.1236	12.4818153396	-
ii	Skilled	0.1442	14.5621178962	-
18	<b>Painting (AR0903i) : First Floor</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)	-	14.492868	Sqm
i	Highly-Skilled	0.14112903225806	2.0453644354839	-
ii	Un-Skilled	0.1241935483871	1.7999207032258	-

19	<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.	-	2.0388096	Cum
	i Un-Skilled	0.1236	0.25199686656	-
20	<b>Painting (AR0918c) : First Floor</b> - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	46.4515	Sqm
	i Un-Skilled	0.044890322580645	2.0852228193548	-
	ii Highly-Skilled	0.0231	1.07302965	-
	iii Skilled	0.0084677419354839	0.39333931451613	-

21	<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.	-	1.2	Qntl
i	Un-Skilled	6.3976377952756	7.6771653543307	-
ii	Semi-Skilled	1.9685039370079	2.3622047244094	-
iii	Skilled	3.9370078740157	4.7244094488189	-
iv	Highly-Skilled	3.4448818897638	4.1338582677165	-
22	<b>Flooring (AR0817ac) : First floor -</b> Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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.	-	13.9075791	Sqm
i	Highly-Skilled	0.34125	4.745961367875	-

	ii	Un-Skilled	0.34125	4.745961367875	-
	iii	Semi-Skilled	0.798	11.0982481218	-
23		<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.	-	0.2265344	Cum
	i	Skilled	0.18	0.040776192	-
	ii	Un-Skilled	3.9	0.88348416	-

24	<b>R.C.C. Work (AR0404Ae) :</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 Stairs excluding landing but including railing)	-	0.013592064	Cum
i	Un-Skilled	1.3333	0.0181222989312	-
ii	Skilled	5.05	0.0686399232	-
iii	Semi-Skilled	5.0073	0.0680595420672	-

25	<p><b>Other Building Items. (AR1911) :</b>  <b>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</b> - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&amp;P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	4.571999853696	Rmt
i	Semi-Skilled	0.27300613496933	1.2481840091379	-
ii	Highly-Skilled	0.27300613496933	1.2481840091379	-
26	<p><b>Other Building Items. (AR1907) :</b>  <b>aluminum sliding window (sliding type)</b>  - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778, as windows frame, section No. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-in-charge.</p>	-	2.601284	Sqm

	i	Un-Skilled	1.006711409396	2.6187422818792	-
	ii	Semi-Skilled	1.006711409396	2.6187422818792	-
	iii	Skilled	0.33557046979866	0.87291409395973	-
	iv	Highly-Skilled	0.33557046979866	0.87291409395973	-
27		<b>Flooring (AR0816j) :  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  Enginer-in-charge.</b>	-	27.9266418	Sqm
	i	Un-Skilled	0.216	6.0321546288	-
	ii	Highly-Skilled	0.216	6.0321546288	-
	iii	Semi-Skilled	0.55	15.35965299	-

28	<b>Roofing (AR1132) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	55.7418	Sqm
i	Un-Skilled	0.21505376344086	11.987483870968	-
ii	Highly-Skilled	0.16129032258065	8.9906129032258	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	299.9627129228	462	138582.77337033
1	Highly-Skilled	85.093995074228	612	52077.524985427
2	Semi-Skilled	84.549574415923	512	43289.382100952
3	Skilled	150.71375461142	562	84701.130091621
<b>Total:</b>				<b>318650.81054834</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	<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>1.8122752</b>	Cum
2	<b>R.C.C. Work (AR0409) :First floor -</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>13</b>	Qntl
i)	<b>BRM162 : Binding Wire.</b>	0.8	10.4	1 Kg.
ii)	<b>BRM341 : Steel</b>	1.05	13.65	1 Qntl.
3	<b>R.C.C. Work (AR0410a) :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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	<b>14.492868</b>	Sqm
i)	<b>BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.</b>	0.746666666666667	10.82134144	1Mtr
ii)	<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.006026666666667	0.08734368448	1Cum.

4	<b>Plastering (AR1014)</b> :.First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>96.5726685</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	4.1526247455	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.738308033	1 Cum
5	<b>Plastering (AR1027)</b> :.First Floor - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>77.295296</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	2.8753850112	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.57971472	1 Cum
6	<b>Masonry Brick Work (AR0603bi)</b> :.First floor - 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.	-	<b>38.08228597456</b>	Cum

i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	38.08228597456	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	25.591296174904	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	10.663040072877	1 Cum
iv)	<b>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 ± 2 %</b>	350	13328.800091096	1000 Nos
7	<b>Painting(AR0901d) :.First Floor - 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.</b>	-	<b>96.5726685</b>	Sqm
i)	<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.084	8.112104154	1 Ltr
8	<b>Painting(AR0920) :.First Floor - 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>	-	<b>100.985561</b>	Sqm
i)	<b>BRM140 : Plastic Emulsion paint</b>	0.125	12.623195125	1 Litre

9	<b>Painting(AR0918g)</b> <b>:.First Floor -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	<b>100.985561</b>	Sqm
i)	<b>BRM143</b> : Cement paint	0.25	25.24639025	1 Kg.
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	8.482787124	1 Ltr
10	<b>Other Building Items. (AR1902) :.First Floor</b> - 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.	-	<b>96.5726685</b>	Sqm
i)	<b>BRMMR0038</b> : Cement based putty	0.8	77.2581348	kg
11	<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	-	<b>15.700607</b>	Sqm

i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04192062069	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.978276482	1Mtr.
12	<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</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. Lintels Data for 7.8 sqm	-	<b>11.14836</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.26923076923077	3.0014815384615	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.059029136923077	1Cum.
13	<b>R.C.C. Work (AR0404A) :.First floor</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	<b>17.07901032624</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	59.320526566129	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.685554646808	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	6.1484437174464	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	9.2226655761696	1 Cum.
14	<b>R.C.C. Work (AR0410e) :.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. Lintels Data for 7.8 sqm	-	<b>10.46459392</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.32307692307692	3.3808688049231	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.066490419830154	1Cum.
15	<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	-	<b>51.125914445</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.66285714285714	33.889177574971	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.31844140997171	1Cum.

16	<p><b>Other Building Items. (AR1901B) :.First floor</b>  - Supplying, fitting &amp; 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&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	77.295296	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.5874442496	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	8.3015147904	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.623201216	1 Cum
iv)	<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	77.295296	1 Sqm.
17	<p><b>Plastering (AR1004) :.First Floor</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>	-	100.985561	Sqm
i)	<b>BRM340</b> : Cement	0.0358	3.6152830838	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.514783415	1 Cum

18	<b>Painting(AR0903i)</b> :.First Floor - 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>14.492868</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	1.8116085	1 Litre
19	<b>Earth Work (AR0115)</b> :.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.	-	<b>2.0388096</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	2.0388096	1 Cum
20	<b>Painting(AR0918c)</b> :.First Floor - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	<b>46.4515</b>	Sqm
i)	<b>BRM143</b> : Cement paint	0.25	11.612875	1 Kg.
ii)	<b>BRM340</b> : Cement	0.010763440860215	0.49997797311828	1 Qntl.

21	<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.	-	1.2	Qntl
i)	<b>BRM341</b> : Steel	1	1.2	1 Qntl.
22	<b>Flooring (AR0817ac)</b> :.First floor - Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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.	-	13.9075791	Sqm
i)	<b>BRM133</b> : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	1	13.9075791	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	13.9075791	1 Sqm
iii)	<b>CON026</b> : cement (Other way)	0.1375	1.91229212625	1000 kg
iv)	<b>BRM340</b> : Cement	0.1375	1.91229212625	1 Qntl.
v)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.2086136865	1 Cum

23	<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>	-	<b>0.2265344</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	0.518763776	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	0.108736512	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	0.217473024	1 Cum.
24	<p><b>R.C.C. Work (AR0404Ae)</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 Stairs excluding landing but including railing)</p>	-	<b>0.013592064</b>	Cum
i)	<b>BRM340 : Cement</b>	3.4733	0.0472093158912	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.0061164288	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	0.00489314304	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	0.00733971456	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	1.17	0.01590271488	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.00065323459584	1Cum.
25	<b>Other Building Items. (AR1911) :Stainless steel of 304 grade in hand railing using 50mm dia of 2mm -</b> Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost,conveyance, taxes of all materials, labour,T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge	-	<b>4.571999853696</b>	Rmt
i)	<b>BRMMR0024</b> : Buffing, Polishing etc.	0.30674846625767	1.4024539428515	L.S.
ii)	<b>BRMMR0023</b> : Fabrication	10.478527607362	47.907826687808	kg

iii)	<b>BRMMR0022 :</b> Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	23.322809069621	kg
iv)	<b>BRMMR0021 :</b> Balustrade of size 30mmx32mmx2mm	1.8773006134969	8.5830181302514	kg
v)	<b>BRMMR0020 :</b> Railing 50mm outer dia of 2mm thick	3.5	16.001999487936	kg
26	<b>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) -</b> Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.	-	<b>2.601284</b>	Sqm
i)	<b>BRMMR0005 :</b> Handel with lock	1.3422818791946	3.4916563758389	Each
ii)	<b>BRM271 :</b> Black glass (I.S.I.) 5mm	1.1006711409396	2.8631582281879	Sqm
iii)	<b>BRMMR0008 :</b> Hire charges of drills machine	0.67114093959732	1.7458281879195	Day
iv)	<b>BRMMR0013 :</b> Al. wheel runner	5.3691275167785	13.966625503356	Each
v)	<b>BRMMR0012 :</b> Window pile	5.0335570469799	13.093711409396	Mtr
vi)	<b>BRMMR0011 :</b> U rubber beading	6.5436241610738	17.021824832215	Mtr
vii)	<b>BRMMR0010 :</b> Al. Screws of different sizes	0.67114093959732	1.7458281879195	L.S.
viii)	<b>BRMMR0009 :</b> PVC Plug	5.3691275167785	13.966625503356	Each
ix)	<b>BRM304 :</b> Aluminium extruded section	5.1330201342282	13.352443146846	kg

27	<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.	-		<b>27.9266418</b>	Sqm
i)	<b>BRM134</b> : Chequered Tiles.	1		27.9266418	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1		27.9266418	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737		7.64352186066	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013		0.3630463434	1 Cum
28	<b>Roofing (AR1132)</b> :.Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-		<b>55.7418</b>	Sqm
i)	<b>BRM149</b> : G.C.I. Sheet 0.30mm thick	1		55.7418	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM162</b>	10.4	1 Kg.	90.1	937.04
2	<b>BRM341</b>	14.85	1 Qntl.	6398.787	95021.98695
3	<b>BRM084</b>	44.710519014971	1Mtr	250.166	11185.051699899
4	<b>BRM104</b>	0.57387850649079	1Cum.	58573.086	33613.835114236
5	<b>BRM340</b>	114.47839542385	1 Qntl.	569.387	65182.510135201
6	<b>BRM028</b>	24.491115074385	1 Cum	403.69	9886.8182443784

7	<b>BRMMR0025</b>	38.08228597456	1 Cum	33	1256.7154371605
8	<b>BRM005</b>	13328.800091096	1000 Nos	6.30115	83986.76869401
9	<b>BRM253</b>	8.112104154	1 Ltr	154.51787	1253.4650550942
10	<b>BRM140</b>	12.623195125	1 Litre	249.58787	3150.5963838431
11	<b>BRM143</b>	36.85926525	1 Kg.	47.83	1762.9786569075
12	<b>BRM252</b>	8.482787124	1 Ltr	125.74787	1066.6924125064
13	<b>BRMMR0038</b>	77.2581348	kg	30	2317.744044
14	<b>BRM092</b>	1.978276482	1Mtr.	229.106	453.23501168509
15	<b>BRM094</b>	6.3982530582646	1Mtr.	240.106	1536.2589488077
16	<b>BRM060</b>	6.1533368604864	1 Cum.	2194.48	13503.3746736
17	<b>BRM052</b>	9.2300052907296	1 Cum.	2179.1	20113.104529029
18	<b>BRM174</b>	0.5874442496	1Qntl	2041.967	1199.541772023
19	<b>BRM131</b>	77.295296	1 Sqm.	660.6811111	51067.542044083
20	<b>BRM141</b>	1.8116085	1 Litre	205.58787	372.4447327889
21	<b>BRM029</b>	2.0388096	1 Cum	397.3	810.01905408
22	<b>BRM133</b>	13.9075791	1 Sqm.	587.9511111	8176.9765845561
23	<b>BRMMR0027</b>	41.8342209	1 Sqm	8.5	355.59087765
24	<b>CON026</b>	1.91229212625	1000 kg	0	0
25	<b>BRM044</b>	0.217473024	1 Cum.	1792.06	389.72470738944
26	<b>BRMMR0024</b>	1.4024539428515	L.S.	178.42	250.22583248357
27	<b>BRMMR0023</b>	47.907826687808	kg	10	479.07826687808
28	<b>BRMMR0022</b>	23.322809069621	kg	256.62	5985.0992634461
29	<b>BRMMR0021</b>	8.5830181302514	kg	256.62	2202.5741125851
30	<b>BRMMR0020</b>	16.001999487936	kg	240.24	3844.3203569817
31	<b>BRMMR0005</b>	3.4916563758389	Each	40	139.66625503356
32	<b>BRM271</b>	2.8631582281879	Sqm	688.4	1970.9981242846
33	<b>BRMMR0008</b>	1.7458281879195	Day	100	174.58281879195
34	<b>BRMMR0013</b>	13.966625503356	Each	25	349.16563758389
35	<b>BRMMR0012</b>	13.093711409396	Mtr	10	130.93711409396
36	<b>BRMMR0011</b>	17.021824832215	Mtr	15	255.32737248322
37	<b>BRMMR0010</b>	1.7458281879195	L.S.	30	52.374845637584
38	<b>BRMMR0009</b>	13.966625503356	Each	1.5	20.949938255034
39	<b>BRM304</b>	13.352443146846	kg	297.97	3978.6274844656
40	<b>BRM134</b>	27.9266418	1 Sqm.	212.91	5945.861305638
41	<b>BRM149</b>	55.7418	1 Sqm	315.884462	17607.968503912
<b>Total: 451987.77299548</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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>	-	1.8122752	Cum
2	<p><b>R.C.C. Work (AR0409) :.First floor -</b></p> <p>Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	13	Qntl
i)	<b>BRM341 : Steel</b>	1.05	13.65	1 Qntl.
3	<p><b>R.C.C. Work (AR0410a) :.First floor</b></p> <p>- 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</p>	-	14.492868	Sqm
i)	<b>BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.</b>	0.0092	0.1333343856	1Mtr

ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0060266666666667	0.08734368448	1Cum.
4	<b>Plastering (AR1014)</b> .:First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>96.5726685</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	4.1526247455	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.738308033	1 Cum
5	<b>Plastering (AR1027)</b> .:First Floor - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>77.295296</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	2.8753850112	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.57971472	1 Cum

6	<b>Masonry Brick Work (AR0603bi) :.First floor</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.	-	<b>38.08228597456</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	25.591296174904	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	10.663040072877	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 ± 2 %	350	13328.800091096	1000 Nos
7	<b>Painting(AR0901d) :.First Floor</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.	-	<b>96.5726685</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	8.112104154	1 Ltr

8	<b>Painting(AR0920) :.First Floor -</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>100.985561</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	12.623195125	1 Litre
9	<b>Painting(AR0918g) :.First Floor -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	<b>100.985561</b>	Sqm
i)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	8.482787124	1 Ltr
10	<b>Other Building Items. (AR1902) :.First Floor</b> - 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.	-	<b>96.5726685</b>	Sqm

11	<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	-	<b>15.700607</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04192062069	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.009640172698	1Mtr.
12	<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 -</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. Lintels Data for 7.8 sqm	-	<b>11.14836</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.0035384615384615	0.039448043076923	1Mtr.
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.059029136923077	1Cum.

13	<b>R.C.C. Work (AR0404A) :.First floor</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	<b>17.07901032624</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	59.320526566129	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.685554646808	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	6.1484437174464	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	9.2226655761696	1 Cum.
14	<b>R.C.C. Work (AR0410e) :.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. Lintels Data for 7.8 sqm	-	<b>10.46459392</b>	Sqm
i)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.0042461538461538	0.044434275721846	1Mtr.

ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.066490419830154	1Cum.
15	<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	-	<b>51.125914445</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0068	0.347656218226	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.31844140997171	1Cum.
16	<b>Other Building Items. (AR1901B) :.First floor</b> - 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)	-	<b>77.295296</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.5874442496	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	8.3015147904	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.623201216	1 Cum

iv)	<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	77.295296	1 Sqm.
17	<b>Plastering (AR1004)</b> :. <b>First Floor</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>100.985561</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	3.6152830838	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.514783415	1 Cum
18	<b>Painting(AR0903i)</b> :. <b>First Floor</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)	-	<b>14.492868</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	1.8116085	1 Litre
19	<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>2.0388096</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	2.0388096	1 Cum

20	<b>Painting(AR0918c)</b> <b>:.First Floor -</b> Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	<b>46.4515</b>	Sqm
i)	<b>BRM143</b> : Cement paint	0.25	11.612875	1 Kg.
ii)	<b>BRM340</b> : Cement	0.010763440860215	0.49997797311828	1 Qntl.
21	<b>Iron Work(AR1704)</b> <b>:.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.	-	<b>1.2</b>	Qntl
i)	<b>BRM341</b> : Steel	1	1.2	1 Qntl.
22	<b>Flooring (AR0817ac)</b> <b>:.First floor -</b> Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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>13.9075791</b>	Sqm
i)	<b>BRM133</b> : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	1	13.9075791	1 Sqm.

ii)	<b>BRM340</b> : Cement	0.1375	1.91229212625	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.2086136865	1 Cum
23	<b>Concrete (AR0303)</b> :.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.	-	<b>0.2265344</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	0.518763776	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	0.108736512	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.217473024	1 Cum.

24	<b>R.C.C. Work (AR0404Ae)</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 Stairs excluding landing but including railing)	-	<b>0.013592064</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	0.0472093158912	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.0061164288	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	0.00489314304	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	0.00733971456	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.01494	0.00020306543616	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.00065323459584	1Cum.

25	<p><b>Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm -</b>  Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost,conveyance, taxes of all materials, labour,T&amp;P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	4.571999853696	Rmt
26	<p><b>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) -</b>  Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-incharge.</p>	-	2.601284	Sqm

27	<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.	-	27.9266418	Sqm
i)	<b>BRM340</b> : Cement	0.2737	7.64352186066	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.3630463434	1 Cum
28	<b>Roofing (AR1132)</b> :.Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	55.7418	Sqm
i)	<b>BRM149</b> : G.C.I. Sheet 0.30mm thick	1	55.7418	1 Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	24.491115074385	1 Cum	43.25	1059.2407269671
2	<b>BRM060</b>	6.1533368604864	1 Cum.	309.5	1904.4577583205
3	<b>BRM052</b>	9.2300052907296	1 Cum.	309.5	2856.6866374808
4	<b>BRM029</b>	2.0388096	1 Cum	43.75	89.19792
5	<b>BRM044</b>	0.217473024	1 Cum.	309.5	67.307900928
<b>Total: 5976.8909436965</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for PH Work @ Rs. 85000	Rs. 85000
2	Provision for Contingency @ Rs. 10000	Rs. 10000
3	Display Citizen Board @ Rs. 5170	Rs. 5170
<b>Total Addition Component Amount (in Rs.): 100170</b>		

**Total Net Amount (in Rs.): 908999.08105348**