

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Dahisade

Work Code	OD/346/3309/116313/393793/00071792 (Construction of Market complex near Hanuman Mandir Dahisada)						
Project Category	Building						

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	Proposal Date	-
Date of Commencement	03-01-2026	Date of Completion	12-01-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Market Complex	Project Type	New Work
Name of Executant	Sanjib Kumar Mohapatra		

Administrative Approval Details

Approval No.	OD/346/3309/116313/393793/00071792/AS
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Technical Sanction Details

Technical Sanction No.	OD/346/3309/116313/393793/00071792/TS
Fund Sanction No.	
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>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	52.4552579424	240.77592	17523.065337739
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>	Cum	4.4165224212032	1493.995232	17523.065337739

3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	0.897076224	6031.8461187	17523.065337739
4	<p>Earth Work (AR0114a) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.</p>	Cum	52.4552579424	133.76408892	17523.065337739

5	<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	4.2612153636864	5323.67583776	17523.065337739
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6	<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>	Cum	11.78531623936	5357.00583776	17523.065337739
7	<p>Masonry Brick Work (AR0603bi) : 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/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	10.7126418752	5686.03656776	17523.065337739

8	<p>R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	6.27487828608	6508.8961098855	17523.065337739
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9	<p>R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	4.0012069948032	14564.649497205	17523.065337739
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10	<p>R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	0.88911637152	13173.180338416	17523.065337739
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11	<p>R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	1.93553539872	6184.543770539	17523.065337739
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12	<p>R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	4.14798078464	12810.780514276	17523.065337739
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13	<p>R.C.C. Work (AR0404Ac) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	3.2818993936832	16346.951255839	17523.065337739
14	<p>R.C.C. Work (AR0404Ad) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	0.75985017952	14677.188265292	17523.065337739

15	<p>R.C.C. Work (AR0404Ag) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	4.14798078464	14242.308476323	17523.065337739
16	<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>	Qntl	26.34	8421.6029474	17523.065337739

17	<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	73.1655532634	257.35818989	17523.065337739
18	<p>Plastering (AR1014) : First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	56.1241515868	263.44242989	17523.065337739

19	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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	56.8508574334	180.897515914	17523.065337739
20	<p>Plastering (AR1004i) : First Floor - 12mm thick cement plaster (1:6) over Brick work in outside 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	59.3295094734	187.670575914	17523.065337739

21	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	25.18786136	194.350065676	17523.065337739
22	<p>Plastering (AR1027) : 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.</p>	Sqm	26.03606575	199.113831676	17523.065337739

23	<p>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)</p>	Sqm	93.1508466234	94.7526285875	17523.065337739
24	<p>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)</p>	Sqm	79.4363013768	96.6498933875	17523.065337739

25	<p>Painting (AR0918g) : 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 .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	56.8508574334	156.85349521701	17523.065337739
26	<p>Painting (AR0918g) : First Floor - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	59.3295094734	113.93785087145	17523.065337739

27	<p>Other Building Items. (AR1901B) : First floor - 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	25.6991901817	1030.698591045	17523.065337739
28	<p>Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - 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</p>	Rmt	8.3301837334341	3129.0244276074	17523.065337739

29	<p>Plastering (AR1017) : First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	33.19238384	288.655833752	17523.065337739
30	<p>Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	10.405136	66.11573166851	17523.065337739

31	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	Sqm	10.405136	230.34345832053	17523.065337739
32	Wood Work (AR1201) : Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) - Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) in burgahs, rafters and posts in dressed seasoned sal wood including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge	Cum	0.26567954432	65955.643602857	17523.065337739
Total Amount (in Rs.): 880068.0820855					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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>	-	52.4552579424	Cum
i	Un-Skilled	0.516	27.066913098278	-
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>	-	4.4165224212032	Cum
i	Un-Skilled	0.1236	0.54588217126072	-

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>	-	0.897076224	Cum
	i Skilled	0.18	0.16147372032	-
	ii Un-Skilled	3.9	3.4985972736	-
4	<p>Earth Work (AR0114a) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.</p>	-	52.4552579424	Cum
	i Un-Skilled	0.286666	15.037138973316	-

5	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.	-	4.2612153636864	Cum
i	Un-Skilled	2.96	12.613197476512	-
ii	Skilled	1.05	4.4742761318707	-
iii	Highly-Skilled	0.35	1.4914253772902	-

6	<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>	-	11.78531623936	Cum
i	Un-Skilled	2.96	34.884536068506	-
ii	Skilled	1.05	12.374582051328	-
iii	Highly-Skilled	0.35	4.124860683776	-
7	<p>Masonry Brick Work (AR0603bi) : 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/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>	-	10.7126418752	Cum

	i	Un-Skilled	3.404	36.465832943181	-
	ii	Skilled	1.2075	12.935515064304	-
	iii	Highly-Skilled	0.4025	4.311838354768	-
8		R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	6.27487828608	Cum
	i	Un-Skilled	1.3333	8.3662952188305	-
	ii	Skilled	0.175	1.098103700064	-
	iii	Semi-Skilled	0.1323	0.83016639724838	-

9	R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	4.0012069948032	Cum
i	Un-Skilled	1.3333	5.3348092861711	-
ii	Skilled	5.33875	21.361443843506	-
iii	Semi-Skilled	5.29605	21.190592304827	-

10	R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.88911637152	Cum
i	Un-Skilled	1.3333	1.1854588581476	-
ii	Skilled	2.34375	2.08386649575	-
iii	Semi-Skilled	2.30105	2.0459012266861	-

11	R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.93553539872	Cum
i	Un-Skilled	1.3333	2.5806493471134	-
ii	Skilled	0.1	0.193553539872	-
iii	Semi-Skilled	0.0573	0.11090617834666	-

12	R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.14798078464	Cum
i	Un-Skilled	1.3333	5.5305027801605	-
ii	Skilled	3.15525	13.087916370735	-
iii	Semi-Skilled	3.11255	12.910797591231	-

13	<p>R.C.C. Work (AR0404Ac) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	-	3.2818993936832	Cum
i	Un-Skilled	1.533295	5.0321199308375	-
ii	Skilled	6.4015	21.009078968663	-
iii	Semi-Skilled	6.352395	20.847921298936	-
14	<p>R.C.C. Work (AR0404Ad) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	-	0.75985017952	Cum

	i	Un-Skilled	1.533295	1.1650744810071	-
	ii	Skilled	2.8075	2.1332793790024	-
	iii	Semi-Skilled	2.758395	2.0959669359371	-
15		R.C.C. Work (AR0404Ag) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.14798078464	Cum
	i	Un-Skilled	1.533295	6.3600781971846	-
	ii	Skilled	3.7813	15.684759740959	-
	iii	Semi-Skilled	3.732195	15.481073144529	-

16	<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>	-	26.34	Qntl
i	Un-Skilled	0.8	21.072	-
ii	Highly-Skilled	0.3	7.902	-
iii	Semi-Skilled	0.044	1.15896	-
17	<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>	-	73.1655532634	Sqm
i	Un-Skilled	0.24	17.559732783216	-

	ii	Skilled	0.16	11.706488522144	-
18		Plastering (AR1014) : First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	56.1241515868	Sqm
	i	Un-Skilled	0.2472	13.873890272257	-
	ii	Skilled	0.1648	9.2492601815046	-
19		Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	56.8508574334	Sqm
	i	Un-Skilled	0.12	6.822102892008	-
	ii	Skilled	0.14	7.959120040676	-

20	Plastering (AR1004i) : First Floor - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	59.3295094734	Sqm
i	Un-Skilled	0.126	7.4755181936484	-
ii	Skilled	0.147	8.7214378925898	-
21	Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	25.18786136	Sqm
i	Un-Skilled	0.17	4.2819364312	-
ii	Skilled	0.14	3.5263005904	-

22	Plastering (AR1027) : 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.	-	26.03606575	Sqm
i	Un-Skilled	0.1751	4.558915112825	-
ii	Skilled	0.1442	3.75440068115	-
23	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	93.1508466234	Sqm
i	Highly-Skilled	0.054	5.0301457176636	-
ii	Un-Skilled	0.064	5.9616541838976	-

24	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)	-	79.4363013768	Sqm
i	Highly-Skilled	0.05562	4.4182470825776	-
ii	Un-Skilled	0.06592	5.2364409867587	-
25	Painting (AR0918g) : 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 .(Outside) - 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)	-	56.8508574334	Sqm
i	Un-Skilled	0.11776344086022	6.6949525872107	-
ii	Highly-Skilled	0.10776344086022	6.1264440128767	-

26	Painting (AR0918g) : First Floor - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	59.3295094734	Sqm
i	Un-Skilled	0.090051612903226	5.3427180208369	-
ii	Highly-Skilled	0.079551612903226	4.7197581713662	-
27	Other Building Items. (AR1901B) : First floor - 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)	-	25.6991901817	Sqm
i	Un-Skilled	0.2268	5.8285763332096	-
ii	Highly-Skilled	0.2268	5.8285763332096	-

28	<p>Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - 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</p>	-	8.3301837334341	Rmt	
	i	Semi-Skilled	0.27300613496933	2.2741912646492	-
	ii	Highly-Skilled	0.27300613496933	2.2741912646492	-
29	<p>Plastering (AR1017) : First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp. and as per direction of Engineer-in-charge.</p>	-	33.19238384	Sqm	
	i	Un-Skilled	0.2472	8.205157285248	-

	ii	Skilled	0.1648	5.470104856832	-
30		Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	10.405136	Sqm
	i	Highly-Skilled	0.053763440860215	0.55941591397849	-
	ii	Un-Skilled	0.053763440860215	0.55941591397849	-
31		Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	10.405136	Sqm
	i	Highly-Skilled	0.18817204301075	1.9579556989247	-
	ii	Un-Skilled	0.17204301075269	1.7901309247312	-

32	Wood Work (AR1201) : Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) - Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) in burgahs, rafters and posts in dressed seasoned sal wood including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge	-	0.26567954432	Cum
i	Un-Skilled	11.785714285714	3.1312232009143	-
ii	Skilled	11.785714285714	3.1312232009143	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	284.06145122605	462	131236.39046643
1	Skilled	160.11618497259	562	89985.295954593
2	Highly-Skilled	48.74485861108	612	29831.853469981
3	Semi-Skilled	78.946476342392	512	40420.595887305
Total:				291474.13577831

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>	-	52.4552579424	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>	-	4.4165224212032	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	4.4165224212032	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>	-	0.897076224	Cum
i)	<p>BRM340 : Cement</p>	2.29	2.05430455296	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	0.43059658752	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.86119317504	1 Cum.
4	Earth Work (AR0114a) :.Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	-	52.4552579424	Cum
5	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.	-	4.2612153636864	Cum
i)	BRM340 : Cement	0.672	2.8635367243973	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.1931403018322	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	1491.4253772902	1000 Nos

6	<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>	-	11.78531623936	Cum
i)	<p>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</p>	1	11.78531623936	1 Cum
ii)	<p>BRM340 : Cement</p>	0.672	7.9197325128499	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	3.2998885470208	1 Cum
iv)	<p>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 %</p>	350	4124.860683776	1000 Nos
7	<p>Masonry Brick Work (AR0603bi) :.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/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>	-	10.7126418752	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	10.7126418752	1 Cum
ii)	BRM340 : Cement	0.672	7.1988953401344	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.999539725056	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 ± 2 %	350	3749.42465632	1000 Nos
8	R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	6.27487828608	Cum
i)	BRM340 : Cement	3.4733	21.794534751042	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.823695228736	1 Cum

iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.2589561829888	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.3884342744832	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.02513088753575	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	1.1859519960691	1Mtr.
9	R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	4.0012069948032	Cum
i)	BRM340 : Cement	3.4733	13.89739225505	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.8005431476614	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	1.4404345181292	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	2.1606517771937	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	17.683734434232	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.16616612528718	1Cum.
10	R.C.C. Work (AR0404Ad) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.88911637152	Cum
i)	BRM340 : Cement	3.4733	3.0881678932004	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.400102367184	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	0.3200818937472	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	0.4801228406208	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	3.3515241624446	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.065913308528078	1Cum.
11	R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.93553539872	Cum
i)	BRM340 : Cement	3.4733	6.7226951003742	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.870990929424	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	0.6967927435392	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	1.0451891153088	1 Cum.
12	R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.14798078464	Cum
i)	BRM340 : Cement	3.4733	14.40718165929	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.866591353088	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	1.4932730824704	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	2.2399096237056	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	25.807077249716	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.20829998065842	1Cum.
13	R.C.C. Work (AR0404Ac) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	3.2818993936832	Cum
i)	BRM340 : Cement	3.4733	11.39902116408	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.4768547271574	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	1.181483781726	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	1.7722256725889	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.30352	17.405619072387	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.16355279990432	1Cum.
14	R.C.C. Work (AR0404Ad) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.75985017952	Cum
i)	BRM340 : Cement	3.4733	2.6391876285268	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.341932580784	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	0.2735460646272	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	0.4103190969408	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	4.5234	3.4371063020408	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.067596423940135	1Cum.
15	R.C.C. Work (AR0404Ag) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.14798078464	Cum
i)	BRM340 : Cement	3.4733	14.40718165929	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.866591353088	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	1.4932730824704	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	2.2399096237056	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	7.46592	30.968492699659	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.24995997679011	1Cum.
16	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.	-	26.34	Qntl
i)	BRM162 : Binding Wire.	0.8	21.072	1 Kg.
ii)	BRM341 : Steel	1.05	27.657	1 Qntl.
17	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.	-	73.1655532634	Sqm

i)	BRM340 : Cement	0.043	3.1461187903262	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.3169799587412	1 Cum
18	Plastering (AR1014) :. First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	56.1241515868	Sqm
i)	BRM340 : Cement	0.043	2.4133385182324	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.0102347285624	1 Cum
19	Plastering (AR1004i) :. 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	56.8508574334	Sqm
i)	BRM340 : Cement	0.0358	2.0352606961157	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.852762861501	1 Cum

20	Plastering (AR1004i) :.First Floor - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	59.3295094734	Sqm
i)	BRM340 : Cement	0.0358	2.1239964391477	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.889942642101	1 Cum
21	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	25.18786136	Sqm
i)	BRM340 : Cement	0.0372	0.936988442592	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.1889089602	1 Cum
22	Plastering (AR1027) :.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.	-	26.03606575	Sqm
i)	BRM340 : Cement	0.0372	0.9685416459	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.195270493125	1 Cum
23	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	93.1508466234	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	11.643855827925	1 Litre
24	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)	-	79.4363013768	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	9.9295376721	1 Litre
25	Painting(AR0918g) :.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 .(Outside) - 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)	-	56.8508574334	Sqm

i)	BRM255 : Weather Coat (I.S.I.)	0.125	7.106357179175	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	4.7754720244056	1 Ltr
26	Painting(AR0918g) :.First Floor - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	59.3295094734	Sqm
i)	BRM143 : Cement paint	0.25	14.83237736835	1 Kg.
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	4.9836787957656	1 Ltr
27	Other Building Items. (AR1901B) :.First floor - 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)	-	25.6991901817	Sqm
i)	BRM174 : White Cement.	0.0076	0.19531384538092	1Qntl
ii)	BRM340 : Cement	0.1074	2.7600930255146	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.5396829938157	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	25.6991901817	1 Sqm.
28	Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - 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	-	8.3301837334341	Rmt
i)	BRMMR0024 : Buffing, Polishing etc.	0.30674846625767	2.5552710838755	L.S.
ii)	BRMMR0023 : Fabrication	10.478527607362	87.288060225187	kg
iii)	BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	42.494158124849	kg
iv)	BRMMR0021 : Balustrade of size 30mmx32mmx2mm	1.8773006134969	15.638259033318	kg
v)	BRMMR0020 : Railing 50mm outer dia of 2mm thick	3.5	29.155643067019	kg

29	Plastering (AR1017) :.First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	33.19238384	Sqm
i)	BRM340 : Cement	0.0744	2.469513357696	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.69704006064	1 Cum
30	Painting(AR0901bi) :.Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	10.405136	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.561877344	1 Litre
31	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	10.405136	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.561877344	1 Litre
ii)	BRM141 : Enamel paint	0.125	1.300642	1 Litre

32	Wood Work (AR1201) :.Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) - Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) in burgahs, rafters and posts in dressed seasoned sal wood including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge	-	0.26567954432	Cum
i)	BRM098 : Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & up to 2.75m. long.	1	0.26567954432	1Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	4.4165224212032	1 Cum	979.85	4327.529494416
2	BRM340	125.24568215672	1 Qntl.	561.987	70386.445178208
3	BRM028	25.061289547238	1 Cum	984.79	24680.107333225
4	BRM044	0.86119317504	1 Cum.	1401.46	1206.9277870916
5	BRM005	9365.7107173862	1000 Nos	6.4484	60393.848989993
6	BRMMR0025	22.49795811456	1 Cum	33	742.43261778048
7	BRM060	9.1578413496983	1 Cum.	1824.88	16711.961522237
8	BRM052	13.736762024547	1 Cum.	1788.5	24568.198880903
9	BRM104	0.946619502644	1Cum.	58573.086	55446.425537644
10	BRM092	1.1859519960691	1Mtr.	229.106	271.70871801141
11	BRM084	91.864923455995	1Mtr	250.166	22981.480441292
12	BRM094	6.7886304644854	1Mtr.	240.106	1629.9909063057
13	BRM162	21.072	1 Kg.	90	1896.48
14	BRM341	27.657	1 Qntl.	6210.797	171772.012629
15	BRM140	21.573393500025	1 Litre	249.58787	5384.4573323431
16	BRM255	7.106357179175	1 Ltr	195.03787	1386.0087676855
17	BRM252	9.7591508201712	1 Ltr	125.74787	1227.1924286453
18	BRM143	14.83237736835	1 Kg.	47.83	709.43260952818
19	BRM174	0.19531384538092	1Qntl	2041.967	398.82442691094
20	BRM131	25.6991901817	1 Sqm.	660.6811111	16978.969523616

21	BRMMR0024	2.5552710838755	L.S.	178.42	455.91146678506
22	BRMMR0023	87.288060225187	kg	10	872.88060225187
23	BRMMR0022	42.494158124849	kg	256.62	10904.850857999
24	BRMMR0021	15.638259033318	kg	256.62	4013.0900331301
25	BRMMR0020	29.155643067019	kg	240.24	7004.3516904207
26	BRM137	1.123754688	1 Litre	142.94787	160.63833905211
27	BRM141	1.300642	1 Litre	205.58787	267.39621841254
28	BRM098	0.26567954432	1Cum.	53234.046	14143.19708359
Total: 520922.75141648					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	52.4552579424	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	4.4165224212032	Cum
i)	BRM029 : Sand for filling and road blinding	1	4.4165224212032	1 Cum

3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.897076224	Cum
i)	BRM340 : Cement	2.29	2.05430455296	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.43059658752	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.86119317504	1 Cum.
4	Earth Work (AR0114a) :.Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	-	52.4552579424	Cum

5	<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>	-	4.2612153636864	Cum
i)	BRM340 : Cement	0.672	2.8635367243973	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.1931403018322	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	1491.4253772902	1000 Nos
6	<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>	-	11.78531623936	Cum
i)	BRM340 : Cement	0.672	7.9197325128499	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.2998885470208	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./Cm2 with dimensional tolerance \pm 2 %	350	4124.860683776	1000 Nos
7	Masonry Brick Work (AR0603bi) :.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/cm2 with dimensional tolerance \pm 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	10.7126418752	Cum
i)	BRM340 : Cement	0.672	7.1988953401344	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.999539725056	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./Cm2 with dimensional tolerance \pm 2 %	350	3749.42465632	1000 Nos

8	<p>R.C.C. Work (AR0404Aa) ∴ Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	6.27487828608	Cum
i)	BRM340 : Cement	3.4733	21.794534751042	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.823695228736	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.2589561829888	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.3884342744832	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.02513088753575	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.0057791629014797	1Mtr.

9	R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	4.0012069948032	Cum
i)	BRM340 : Cement	3.4733	13.89739225505	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.8005431476614	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	1.4404345181292	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	2.1606517771937	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.18141072393738	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.16616612528718	1Cum.

10	R.C.C. Work (AR0404Ad) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.88911637152	Cum
i)	BRM340 : Cement	3.4733	3.0881678932004	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.400102367184	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	0.3200818937472	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	0.4801228406208	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.049542	0.044048603277844	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.065913308528078	1Cum.

11	R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.93553539872	Cum
i)	BRM340 : Cement	3.4733	6.7226951003742	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.870990929424	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	0.6967927435392	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	1.0451891153088	1 Cum.

12	<p>R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	4.14798078464	Cum
i)	BRM340 : Cement	3.4733	14.40718165929	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.866591353088	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	1.4932730824704	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	2.2399096237056	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.31798005896972	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.20829998065842	1Cum.

13	R.C.C. Work (AR0404Ac) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	3.2818993936832	Cum
i)	BRM340 : Cement	3.4733	11.39902116408	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.4768547271574	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	1.181483781726	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	1.7722256725889	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0544068	0.17855764393224	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.16355279990432	1Cum.

14	R.C.C. Work (AR0404Ad) :First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.75985017952	Cum
i)	BRM340 : Cement	3.4733	2.6391876285268	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.341932580784	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	0.2735460646272	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	0.4103190969408	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0594504	0.045173397112536	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.067596423940135	1Cum.

15	R.C.C. Work (AR0404Ag) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.14798078464	Cum
i)	BRM340 : Cement	3.4733	14.40718165929	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.866591353088	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	1.4932730824704	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	2.2399096237056	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0919908	0.38157607076366	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.24995997679011	1Cum.

16	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.	-	26.34	Qntl
i)	BRM341 : Steel	1.05	27.657	1 Qntl.
17	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.	-	73.1655532634	Sqm
i)	BRM340 : Cement	0.043	3.1461187903262	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.3169799587412	1 Cum
18	Plastering (AR1014) :.First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	56.1241515868	Sqm

i)	BRM340 : Cement	0.043	2.4133385182324	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.0102347285624	1 Cum
19	Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	56.8508574334	Sqm
i)	BRM340 : Cement	0.0358	2.0352606961157	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.852762861501	1 Cum
20	Plastering (AR1004i) :.First Floor - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	59.3295094734	Sqm
i)	BRM340 : Cement	0.0358	2.1239964391477	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.889942642101	1 Cum

21	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	25.18786136	Sqm
i)	BRM340 : Cement	0.0372	0.936988442592	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.1889089602	1 Cum
22	Plastering (AR1027) :.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.	-	26.03606575	Sqm
i)	BRM340 : Cement	0.0372	0.9685416459	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.195270493125	1 Cum
23	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	93.1508466234	Sqm

i)	BRM140 : Plastic Emulsion paint	0.125	11.643855827925	1 Litre
24	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)	-	79.4363013768	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	9.9295376721	1 Litre
25	Painting(AR0918g) : 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 .(Outside) - 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)	-	56.8508574334	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	7.106357179175	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	4.7754720244056	1 Ltr

26	Painting(AR0918g) :.First Floor - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	59.3295094734	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	4.9836787957656	1 Ltr
27	Other Building Items. (AR1901B) :.First floor - 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)	-	25.6991901817	Sqm
i)	BRM174 : White Cement.	0.0076	0.19531384538092	1Qntl
ii)	BRM340 : Cement	0.1074	2.7600930255146	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.5396829938157	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	25.6991901817	1 Sqm.

28	<p>Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - 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</p>	-	8.3301837334341	Rmt
29	<p>Plastering (AR1017) :.First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp. and as per direction of Engineer-in-charge.</p>	-	33.19238384	Sqm
i)	BRM340 : Cement	0.0744	2.469513357696	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.69704006064	1 Cum
30	<p>Painting(AR0901bi) :.Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	10.405136	Sqm

i)	BRM137 : Red oxide Primer	0.054	0.561877344	1 Litre
31	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	10.405136	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.561877344	1 Litre
ii)	BRM141 : Enamel paint	0.125	1.300642	1 Litre
32	Wood Work (AR1201) :.Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) - Supplying, fitting and fixing of wood work framed and fixed (wrought and put up) in burgahs, rafters and posts in dressed seasoned sal wood including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge	-	0.26567954432	Cum
i)	BRM098 : Seasoned rough dressed sawn Sal wood having minimum dimension 50mm. to 150mm. & up to 2.75m. long.	1	0.26567954432	1Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	4.4165224212032	1 Cum	442.25	1953.2070407771
2	BRM028	25.061289547238	1 Cum	442.25	11083.355302266
3	BRM044	0.86119317504	1 Cum.	552.5	475.8092292096
4	BRM060	9.1578413496983	1 Cum.	552.5	5059.7073457083
5	BRM052	13.736762024547	1 Cum.	552.5	7589.5610185625
Total: 26161.639936524					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 10000	Rs. 10000
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 77481.91	Rs. 77481.91
4	Provision for survey investigation and quality control @ Rs. 10000	Rs. 10000
Total Addition Component Amount (in Rs.): 100481.91		

Total Net Amount (in Rs.): 980549.9920855