ESTIMATION DPR							
State	Odisha	**District**	Sundargarh	**Block**	Rajgangpur	**Gram Panchayat**	Buchukupara

Work Code	OD/373/3586/121729/384237/00072648 (CONSTRUCTION OF FACILITY CENTRE AT GP OFFICE BUCHUKUPADA)
Project Category	Building

Financial Year	2022-23	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Rajgangpur	**Proposal Date**	-
Date of Commencement	19-03-2026	**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	Sibani Ray		

Administrative Approval Details

Approval No.	OD/373/3586/121729/384237/00072648/AS

Technical Sanction Details

Technical Sanction No.	OD/373/3586/121729/384237/00072648/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.)

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	Cum	32.8752	240.77592	4626.7827978696
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.	Cum	12.3615	744.009632	4626.7827978696

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.	Cum	9.765	5625.84584602	4626.7827978696
4	**Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	Cum	14.22644	5068.690164736	4626.7827978696

5	**Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	Cum	20.70049	5109.384276736	4626.7827978696
6	**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.	Sqm	51.0588	188.6519383336	4626.7827978696

7	**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.	Sqm	160.7635	243.773795334	4626.7827978696
8	**Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside -** 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royality, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	Sqm	88.189	169.5772527404	4626.7827978696

9	**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 concreate, pre-cast slabs etc.)	Cum	4.05	6142.5051199619	4626.7827978696

10	**R.C.C. Work (AR0404Ab) : 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 Plinth band)	Cum	3.62871	6899.3272451036	4626.7827978696

11	**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)	Cum	4.182435	14198.258507282	4626.7827978696

12	**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)	Cum	1.435245	12806.789348493	4626.7827978696

13	**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)	Cum	6.79992	12444.389524352	4626.7827978696

14	**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.	Qntl	20.09	8670.5328297	4626.7827978696
15	**Other Building Items. (AR1902) : cement based wall putty (water based) -** Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	Sqm	211.8223	79.21834	4626.7827978696

16	**Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	Sqm	211.8223	71.83753306751	4626.7827978696
17	**Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -** Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	Sqm	211.8223	61.22776449	4626.7827978696

18	**Painting (AR0918Ai) : Finishing wall one coat with weather coat -** Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	Sqm	88.189	57.09560199	4626.7827978696
19	**Iron Work (AR1704) : 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.	Qntl	6.876	16001.814021087	4626.7827978696
20	**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	16.335	230.31602828603	4626.7827978696

21	**Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	Sqm	39.006	1523.560353576	4626.7827978696

22	**Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -** Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	Sqm	3.4785	1003.4979769542	4626.7827978696

23	**Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	Sqm	12.0528	1183.6874589716	4626.7827978696

24	**Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge	Sqm	3.501	1321.560353576	4626.7827978696
					Total Amount (in Rs.): 945795.636156

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	32.8752	Cum
i	Un-Skilled	0.516	16.9636032	-
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.	-	12.3615	Cum
i	Un-Skilled	0.1236	1.5278814	-

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.	-	9.765	Cum
i	Skilled	0.18	1.7577	-
ii	Un-Skilled	3.9	38.0835	-
4	**Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	14.22644	Cum
i	Un-Skilled	2.96	42.1102624	-

ii	Skilled	1.05	14.937762	-
iii	Highly-Skilled	0.35	4.979254	-
5	**Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	20.70049	Cum
i	Un-Skilled	2.96	61.2734504	-
ii	Skilled	1.05	21.7355145	-
iii	Highly-Skilled	0.35	7.2451715	-

6	**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.	-	51.0588	Sqm
i	Un-Skilled	0.17	8.679996	-
ii	Skilled	0.14	7.148232	-
7	**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.	-	160.7635	Sqm
i	Un-Skilled	0.24	38.58324	-
ii	Skilled	0.16	25.72216	-

8	**Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside -** 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royality, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	88.189	Sqm
i	Un-Skilled	0.12	10.58268	-
ii	Skilled	0.14	12.34646	-
9	**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 concreate, pre-cast slabs etc.)	-	4.05	Cum

i	Un-Skilled	1.3333	5.399865	-
ii	Skilled	0.175	0.70875	-
iii	Semi-Skilled	0.1323	0.535815	-
10	**R.C.C. Work (AR0404Ab) : 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 Plinth band)	-	3.62871	Cum
i	Un-Skilled	1.3333	4.838159043	-
ii	Skilled	0.35	1.2700485	-
iii	Semi-Skilled	0.3073	1.115102583	-

11	**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)	-	4.182435	Cum
i	Un-Skilled	1.3333	5.5764405855	-
ii	Skilled	5.33875	22.32897485625	-
iii	Semi-Skilled	5.29605	22.15038488175	-

12	**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)	-	1.435245	Cum
i	Un-Skilled	1.3333	1.9136121585	-
ii	Skilled	2.34375	3.36385546875	-
iii	Semi-Skilled	2.30105	3.30257050725	-

13	**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)	-	6.79992	Cum
i	Un-Skilled	1.3333	9.066333336	-
ii	Skilled	3.15525	21.45544758	-
iii	Semi-Skilled	3.11255	21.165090996	-

14	**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.	-	20.09	Qntl
i	Un-Skilled	0.8	16.072	-
ii	Highly-Skilled	0.3	6.027	-
iii	Semi-Skilled	0.044	0.88396	-
15	**Other Building Items. (AR1902) : cement based wall putty (water based) -** Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	-	211.8223	Sqm
i	Un-Skilled	0.057	12.0738711	-

ii	Skilled	0.05	10.591115	-
16	**Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	211.8223	Sqm
i	Highly-Skilled	0.053763440860215	11.388295698925	-
ii	Un-Skilled	0.053763440860215	11.388295698925	-
17	**Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -** Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	211.8223	Sqm
i	Un-Skilled	0.043	9.1083589	-
ii	Highly-Skilled	0.036	7.6256028	-

18	**Painting (AR0918Ai) : Finishing wall one coat with weather coat -** Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	88.189	Sqm
i	Un-Skilled	0.043	3.792127	-
ii	Highly-Skilled	0.036	3.174804	-
19	**Iron Work (AR1704) : 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.	-	6.876	Qntl
i	Un-Skilled	6.3976377952756	43.990157480315	-
ii	Semi-Skilled	1.9685039370079	13.535433070866	-
iii	Skilled	3.9370078740157	27.070866141732	-
iv	Highly-Skilled	3.4448818897638	23.687007874016	-

20	**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.	-	16.335	Sqm
i	Highly-Skilled	0.18817204301075	3.0737903225806	-
ii	Un-Skilled	0.17204301075269	2.8103225806452	-
21	**Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	39.006	Sqm
i	Highly-Skilled	0.325	12.67695	-

ii	Un-Skilled	0.325	12.67695	-
iii	Semi-Skilled	0.76	29.64456	-
22	**Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -** Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	3.4785	Sqm
i	Un-Skilled	0.216	0.751356	-
ii	Highly-Skilled	0.216	0.751356	-

23	**Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	12.0528	Sqm
i	Un-Skilled	0.216	2.6034048	-
ii	Highly-Skilled	0.216	2.6034048	-
iii	Semi-Skilled	0.55	6.62904	-

24	**Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge	-	3.501	Sqm
i	Highly-Skilled	0.325	1.137825	-
ii	Un-Skilled	0.325	1.137825	-
iii	Semi-Skilled	0.76	2.66076	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	361.00369208288	462	166783.70574229
1	Skilled	170.43688604673	562	95785.529958264
2	Highly-Skilled	84.370461995521	612	51634.722741259
3	Semi-Skilled	101.62271703887	512	52030.831123899

	Total: 366234.78956571

MATERIAL 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	-	**32.8752**	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.	-	**12.3615**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	12.3615	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.	-	**9.765**	Cum
i)	**BRM340 :** Cement	2.29	22.36185	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	4.6872	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.3744	1 Cum.
4	**Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	**14.22644**	Cum
i)	**BRM006 :** Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	5690.576	1000 Nos

ii)	**BRM340 :** Cement	0.672	9.56016768	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.28	3.9834032	1 Cum
5	**Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	**20.70049**	Cum
i)	**BRMMR0025 :** SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	20.70049	1 Cum
ii)	**BRM006 :** Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	8280.196	1000 Nos
iii)	**BRM340 :** Cement	0.672	13.91072928	1 Qntl.
iv)	**BRM028 :** Screened and washed sharp sand for mortar	0.28	5.7961372	1 Cum

6	**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.	-	**51.0588**	Sqm
i)	**BRM340 :** Cement	0.0372	1.89938736	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.0075	0.382941	1 Cum
7	**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.	-	**160.7635**	Sqm
i)	**BRM340 :** Cement	0.043	6.9128305	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.018	2.893743	1 Cum

8	**Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside -** 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royality, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	**88.189**	Sqm
i)	**BRM340 :** Cement	0.0358	3.1571662	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	1.322835	1 Cum
9	**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 concreate, pre-cast slabs etc.)	-	**4.05**	Cum
i)	**BRM340 :** Cement	3.4733	14.066865	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.8225	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	1.458	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	2.187	1 Cum.
v)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01622025	1Cum.
vi)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.189	0.76545	1Mtr.
10	**R.C.C. Work (AR0404Ab) :.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 Plinth band)	-	**3.62871**	Cum
i)	**BRM340 :** Cement	3.4733	12.603598443	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.6329195	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	1.3063356	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	1.9595034	1 Cum.
v)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0484432785	1Cum.
vi)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.63	2.2860873	1Mtr.
11	**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)	-	**4.182435**	Cum
i)	**BRM340 :** Cement	3.4733	14.5268514855	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.88209575	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	1.5056766	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	2.2585149	1 Cum.
v)	**BRM084 :** Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	18.484689726	1Mtr
vi)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.173692343115	1Cum.
12	**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)	-	**1.435245**	Cum
i)	**BRM340 :** Cement	3.4733	4.9850364585	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	0.64586025	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	0.5166882	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	0.7750323	1 Cum.
v)	**BRM094 :** Non-sal bullahs 125mm. mean dia of any length.	3.7695	5.4101560275	1Mtr.
vi)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.1063997352075	1Cum.
13	**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)	-	**6.79992**	Cum
i)	**BRM340 :** Cement	3.4733	23.618162136	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	3.059964	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	2.4479712	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	3.6719568	1 Cum.
v)	**BRM084 :** Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	42.306382272	1Mtr
vi)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.341472942624	1Cum.
14	**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.	-	**20.09**	Qntl
i)	**BRM162 :** Binding Wire.	0.8	16.072	1 Kg.
ii)	**BRM341 :** Steel	1.05	21.0945	1 Qntl.

15	**Other Building Items. (AR1902) :.cement based wall putty (water based) -** Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	-	**211.8223**	Sqm
i)	**BRMMR0038 :** Cement based putty	0.8	169.45784	kg
16	**Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	**211.8223**	Sqm
i)	**BRM253 :** Wall cement primer (I.S.I.) Water bound	0.084	17.7930732	1 Ltr
17	**Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -** Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	**211.8223**	Sqm
i)	**BRM140 :** Plastic Emulsion paint	0.075	15.8866725	1 Litre

18	**Painting(AR0918Ai) :.Finishing wall one coat with weather coat -** Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	**88.189**	Sqm
i)	**BRM255 :** Weather Coat (I.S.I.)	0.075	6.614175	1 Ltr
19	**Iron Work(AR1704) :.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.	-	**6.876**	Qntl
i)	**BRM341 :** Steel	1	6.876	1 Qntl.
20	**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.	-	**16.335**	Sqm
i)	**BRM137 :** Red oxide Primer	0.054	0.88209	1 Litre
ii)	**BRM141 :** Enamel paint	0.125	2.041875	1 Litre

21	**Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	**39.006**	Sqm
i)	**BRM131 :** Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	39.006	1 Sqm.
ii)	**BRMMR0027 :** Wax Polish	1	39.006	1 Sqm
iii)	**BRM340 :** Cement	0.1375	5.363325	1 Qntl.
iv)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	0.58509	1 Cum

22	**Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory -** Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	**3.4785**	Sqm
i)	**BRM174 :** White Cement.	0.0076	0.0264366	1Qntl
ii)	**BRM340 :** Cement	0.1074	0.3735909	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.021	0.0730485	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	3.4785	1 Sqm.

23	**Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	**12.0528**	Sqm
i)	**BRMMR0027 :** Wax Polish	1	12.0528	1 Sqm
ii)	**BRM130 :** Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	12.0528	1 Sqm.
iii)	**BRM340 :** Cement	0.2737	3.29885136	1 Qntl.
iv)	**BRM028 :** Screened and washed sharp sand for mortar	0.013	0.1566864	1 Cum

24	**Flooring (AR0817a) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge	-	**3.501**	Sqm
i)	**BRMMR0027 :** Wax Polish	1	3.501	1 Sqm
ii)	**BRM130 :** Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	3.501	1 Sqm.
iii)	**BRM340 :** Cement	0.1375	0.4813875	1 Qntl.
iv)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	0.052515	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	12.3615	1 Cum	569.29	7037.278335
2	**BRM340**	137.119799303	1 Qntl.	561.242	76957.390400414
3	**BRM028**	28.9769388	1 Cum	574.23	16639.427567124
4	**BRM044**	9.3744	1 Cum.	1531.66	14358.393504
5	**BRM006**	13970.772	1000 Nos	5.552492	77572.599763824
6	**BRMMR0025**	20.70049	1 Cum	33	683.11617
7	**BRM060**	7.2346716	1 Cum.	1926.41	13936.943716956

8	**BRM052**	10.8520074	1 Cum.	1918.7	20821.74659838
9	**BRM104**	0.6862285494465	1Cum.	58573.086	40194.523842385
10	**BRM092**	3.0515373	1Mtr.	229.106	699.1255046538
11	**BRM084**	60.791071998	1Mtr	250.166	15207.859317452
12	**BRM094**	5.4101560275	1Mtr.	240.106	1299.0109231389
13	**BRM162**	16.072	1 Kg.	90.1	1448.0872
14	**BRM341**	27.9705	1 Qntl.	6410.562	179306.624421
15	**BRMMR0038**	169.45784	kg	30	5083.7352
16	**BRM253**	17.7930732	1 Ltr	159.33732	2835.1005982518
17	**BRM140**	15.8866725	1 Litre	249.64732	3966.0652133427
18	**BRM255**	6.614175	1 Ltr	195.09732	1290.407816511
19	**BRM137**	0.88209	1 Litre	142.30732	125.5278638988
20	**BRM141**	2.041875	1 Litre	205.64732	419.906121525
21	**BRM131**	42.4845	1 Sqm.	661.2375001	28092.344572998
22	**BRMMR0027**	54.5598	1 Sqm	8.5	463.7583
23	**BRM174**	0.0264366	1Qntl	2030.732	53.6856495912
24	**BRM130**	15.5538	1 Sqm.	461.2375001	7173.9958290554
					Total: 515666.6544295

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	-	**32.8752**	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.	-	**12.3615**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	12.3615	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.	-	**9.765**	Cum
i)	**BRM340 :** Cement	2.29	22.36185	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	4.6872	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.3744	1 Cum.

4	**Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	**14.22644**	Cum
i)	**BRM006 :** Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	5690.576	1000 Nos
ii)	**BRM340 :** Cement	0.672	9.56016768	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.28	3.9834032	1 Cum
5	**Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -** Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	**20.70049**	Cum

i)	**BRM006 :** Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	8280.196	1000 Nos
ii)	**BRM340 :** Cement	0.672	13.91072928	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.28	5.7961372	1 Cum
6	**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.	-	**51.0588**	Sqm
i)	**BRM340 :** Cement	0.0372	1.89938736	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.0075	0.382941	1 Cum
7	**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.	-	**160.7635**	Sqm
i)	**BRM340 :** Cement	0.043	6.9128305	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.018	2.893743	1 Cum

8	**Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside -** 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royality, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	**88.189**	Sqm
i)	**BRM340 :** Cement	0.0358	3.1571662	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	1.322835	1 Cum
9	**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 concreate, pre-cast slabs etc.)	-	**4.05**	Cum
i)	**BRM340 :** Cement	3.4733	14.066865	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.8225	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	1.458	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	2.187	1 Cum.
v)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01622025	1Cum.
vi)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.00373005	1Mtr.
10	**R.C.C. Work (AR0404Ab) :.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 Plinth band)	-	**3.62871**	Cum
i)	**BRM340 :** Cement	3.4733	12.603598443	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.6329195	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	1.3063356	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	1.9595034	1 Cum.
v)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0484432785	1Cum.
vi)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.0111401397	1Mtr.
11	**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)	-	**4.182435**	Cum
i)	**BRM340 :** Cement	3.4733	14.5268514855	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.88209575	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	1.5056766	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	2.2585149	1 Cum.
v)	**BRM084 :** Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.189627420465	1Mtr
vi)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.173692343115	1Cum.
12	**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)	-	**1.435245**	Cum
i)	**BRM340 :** Cement	3.4733	4.9850364585	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	0.64586025	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	0.5166882	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	0.7750323	1 Cum.
v)	**BRM094 :** Non-sal bullahs 125mm. mean dia of any length.	0.049542	0.07110490779	1Mtr.
vi)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.1063997352075	1Cum.
13	**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)	-	**6.79992**	Cum
i)	**BRM340 :** Cement	3.4733	23.618162136	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	3.059964	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	2.4479712	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	3.6719568	1 Cum.
v)	**BRM084 :** Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.52127506728	1Mtr
vi)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.341472942624	1Cum.
14	**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.	-	**20.09**	Qntl
i)	**BRM341 :** Steel	1.05	21.0945	1 Qntl.

15	**Other Building Items. (AR1902) :.cement based wall putty (water based) -** Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	-	**211.8223**	Sqm
16	**Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	**211.8223**	Sqm
i)	**BRM253 :** Wall cement primer (I.S.I.) Water bound	0.084	17.7930732	1 Ltr
17	**Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -** Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	**211.8223**	Sqm
i)	**BRM140 :** Plastic Emulsion paint	0.075	15.8866725	1 Litre

18	**Painting(AR0918Ai) :.Finishing wall one coat with weather coat -** Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	**88.189**	Sqm
i)	**BRM255 :** Weather Coat (I.S.I.)	0.075	6.614175	1 Ltr
19	**Iron Work(AR1704) :.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.	-	**6.876**	Qntl
i)	**BRM341 :** Steel	1	6.876	1 Qntl.
20	**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.	-	**16.335**	Sqm
i)	**BRM137 :** Red oxide Primer	0.054	0.88209	1 Litre
ii)	**BRM141 :** Enamel paint	0.125	2.041875	1 Litre

21	**Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	**39.006**	Sqm
i)	**BRM131 :** Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	39.006	1 Sqm.
ii)	**BRM340 :** Cement	0.1375	5.363325	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	0.58509	1 Cum

22	**Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory -** Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	**3.4785**	Sqm
i)	**BRM174 :** White Cement.	0.0076	0.0264366	1Qntl
ii)	**BRM340 :** Cement	0.1074	0.3735909	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.021	0.0730485	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	3.4785	1 Sqm.

23	**Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	**12.0528**	Sqm
i)	**BRM130 :** Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	12.0528	1 Sqm.
ii)	**BRM340 :** Cement	0.2737	3.29885136	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.013	0.1566864	1 Cum

24	**Flooring (AR0817a) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) -** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge	-	**3.501**	Sqm
i)	**BRM130 :** Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	3.501	1 Sqm.
ii)	**BRM340 :** Cement	0.1375	0.4813875	1 Qntl.
iii)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	0.052515	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	12.3615	1 Cum	110.25	1362.855375
2	**BRM028**	28.9769388	1 Cum	110.25	3194.7075027
3	**BRM044**	9.3744	1 Cum.	379.5	3557.5848
4	**BRM060**	7.2346716	1 Cum.	409.5	2962.5980202
5	**BRM052**	10.8520074	1 Cum.	409.5	4443.8970303
					Total: 15521.6427282

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)

1	Provision for PH Work @ Rs. 15000	Rs. 15000
2	Provision for EI Work @ Rs. 15000	Rs. 15000
3	Provision for Contingency @ Rs. 10000	Rs. 10000
4	Display Citizen Board @ Rs. 4204	Rs. 4204
5	Any Other Lumpsum @ Rs. 10000	Rs. 10000
		Total Addition Component Amount (in Rs.): 54204

Total Net Amount (in Rs.): 999999.636156