

ESTIMATION DPR							
State	Odisha	District	Bhadrak	Block	Bhadrak	Gram Panchayat	Benia

Work Code	OD/348/3323/116619/394773/00015426 (Provision of Facility Centre at Bania GP Office)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhadrak	Proposal Date	-
Date of Commencement	-	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			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	18989
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">R.C.C. Work (AR0404Ac) :</p> <p>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	3.832125	16871.590175144	64654.042499924
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2	<p style="text-align: center;">R.C.C. Work (AR0404Ad) :</p> <p>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	1.589625	15201.827184597	24165.204538315
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3	<p style="text-align: center;">R.C.C. Work (AR0404Ae) :</p> <p>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 Stairs excluding landing but including railing)</p>	Cum	0.9909375	16733.505042689	16581.85765324
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4	<p style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>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	12.66489	14766.947395629	187021.76440143
5	<p style="text-align: center;">R.C.C. Work (AR0409) :</p> <p>First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	17.8605	9231.2374405	164874.51630605

6	<p style="text-align: center;">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	28.8621	5486.584141664	158354.34015512
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7	<p style="text-align: center;">Other Building Items. (AR1911) :</p> <p>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</p> <p>- 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	7.5	3129.0244276074	23467.683207055
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8	<p align="center">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	59.758876	1027.7778060618	61418.846467999
9	<p align="center">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.</p>	Qntl	5.20056	16508.128637087	85851.513464889

10	<p align="center">Painting (AR0901d) : First Floor - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in- charge.</p>	Sqm	399.9	73.582069974671	29425.469782871
11	<p align="center">Painting (AR0919) : First floor - 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)</p>	Sqm	238.39	62.4927705525	14897.65157201
12	<p align="center">Plastering (AR1004) : First Floor - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in- charge.</p>	Sqm	101.5123	180.0158903076	18273.827061672

13	<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	166.0381	247.565225446	41105.259659125
14	<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	72.349596	196.1106807484	14188.528523432

15	<p style="text-align: center;">Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	101.51	160.71529806685	16314.209906766
16	<p style="text-align: center;">Other Building Items. (AR1902) : First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	238.39	80.8676902	19278.048666778

17	<p style="text-align: center;">Flooring (AR0816) : First 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.</p>	Sqm	11.6127	1209.0374591524	14040.189301899
Total Amount (in Rs.): 953912.95316857					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<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>	-	3.832125	Cum
i	Un-Skilled	1.533295	5.875778101875	-
ii	Skilled	6.4015	24.5313481875	-
iii	Semi-Skilled	6.352395	24.343171689375	-
2	<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>	-	1.589625	Cum

	i	Un-Skilled	1.533295	2.437364064375	-
	ii	Skilled	2.8075	4.4628721875	-
	iii	Semi-Skilled	2.758395	4.384813651875	-
3		R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)	-	0.9909375	Cum
	i	Un-Skilled	1.533295	1.5193995140625	-
	ii	Skilled	6.055	6.0001265625	-
	iii	Semi-Skilled	6.005895	5.9514665765625	-

4	<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>	-	12.66489	Cum
i	Un-Skilled	1.533295	19.41901251255	-
ii	Skilled	3.7813	47.889748557	-
iii	Semi-Skilled	3.732195	47.26783913355	-
5	<p>R.C.C. Work (AR0409) : First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	17.8605	Qntl
i	Un-Skilled	0.84	15.00282	-

	ii	Highly-Skilled	0.315	5.6260575	-
	iii	Semi-Skilled	0.0462	0.8251551	-
6		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/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.	-	28.8621	Cum
	i	Un-Skilled	3.404	98.2465884	-
	ii	Skilled	1.2075	34.85098575	-
	iii	Highly-Skilled	0.4025	11.61699525	-

7	<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>	-	7.5	Rmt
i	Semi-Skilled	0.27300613496933	2.0475460122699	-
ii	Highly-Skilled	0.27300613496933	2.0475460122699	-
8	<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>	-	59.758876	Sqm

	i	Un-Skilled	0.2268	13.5533130768	-
	ii	Highly-Skilled	0.2268	13.5533130768	-
9		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.	-	5.20056	Qntl
	i	Un-Skilled	6.3976377952756	33.271299212598	-
	ii	Semi-Skilled	1.9685039370079	10.237322834646	-
	iii	Skilled	3.9370078740157	20.474645669291	-
	iv	Highly-Skilled	3.4448818897638	17.91531496063	-
10		Painting (AR0901d) : First Floor - Priming one coat with inner surface primer of approved quality water- bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	399.9	Sqm

	i	Highly-Skilled	0.055376344086022	22.145	-
	ii	Un-Skilled	0.055376344086022	22.145	-
11		Painting (AR0919) : First floor - 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)	-	238.39	Sqm
	i	Un-Skilled	0.04429	10.5582931	-
	ii	Highly-Skilled	0.03708	8.8395012	-
12		Plastering (AR1004) : First Floor - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	101.5123	Sqm
	i	Un-Skilled	0.1236	12.54692028	-
	ii	Skilled	0.1442	14.63807366	-

13	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.	-	166.0381	Sqm
i	Un-Skilled	0.2472	41.04461832	-
ii	Skilled	0.1648	27.36307888	-
14	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.	-	72.349596	Sqm
i	Un-Skilled	0.1751	12.6684142596	-
ii	Skilled	0.1442	10.4328117432	-

15	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	101.51	Sqm
i	Un-Skilled	0.11776344086022	11.95416688172	-
ii	Highly-Skilled	0.10776344086022	10.93906688172	-
16	Other Building Items. (AR1902) : First Floor - 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.co mplete. and as per the direction of Engineer in Charge.	-	238.39	Sqm
i	Un-Skilled	0.05871	13.9958769	-
ii	Skilled	0.0515	12.277085	-

17	<p>Flooring (AR0816) : First 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 Engineer-in-charge.</p>	-	11.6127	Sqm
i	Un-Skilled	0.2268	2.63376036	-
ii	Highly-Skilled	0.2268	2.63376036	-
iii	Semi-Skilled	0.5775	6.70633425	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	316.87262498358	462	146395.15274241
2	Skilled	202.92077619699	562	114041.47622271
3	Semi-Skilled	101.76364924828	512	52102.988415118
4	Highly-Skilled	95.31655524142	612	58333.731807749
Total:				370873.34918799

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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)	-	3.832125	Cum
i)	BRM340 : Cement	3.4733	13.3101197625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.72445625	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	1.379565	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	2.0693475	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.30352	20.32375158	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.19097318295	1Cum.

2	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)	-	1.589625	Cum
i)	BRM340 : Cement	3.4733	5.5212445125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.71533125	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	0.572265	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	0.8583975	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	4.5234	7.190509725	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.141413357925	1Cum.

3	R.C.C. Work (AR0404Ae) :.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 Stairs excluding landing but including railing)	-	0.9909375	Cum
i)	BRM340 : Cement	3.4733	3.44182321875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.445921875	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	0.3567375	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	0.53510625	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	1.404	1.39127625	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.057672	0.0571493475	1Cum.

4	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)	-	12.66489	Cum
i)	BRM340 : Cement	3.4733	43.988962437	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.6992005	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	4.5593604	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	6.8390406	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	7.46592	94.5550555488	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.7631943769296	1Cum.

5	R.C.C. Work (AR0409) :.First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	17.8605	Qntl
i)	BRM162 : Binding Wire.	0.8	14.2884	1 Kg.
ii)	BRM341 : Steel	1.05	18.753525	1 Qntl.
6	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/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.	-	28.8621	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	28.8621	1 Cum
ii)	BRM340 : Cement	0.672	19.3953312	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	8.081388	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./Cm ² with dimensional tolerance ± 2 %	350	10101.735	1000 Nos

7	<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>	-	7.5	Rmt
i)	BRMMR0024 : Buffing, Polishing etc.	0.30674846625767	2.3006134969325	L.S.
ii)	BRMMR0023 : Fabrication	10.478527607362	78.588957055215	kg
iii)	BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	38.259202453988	kg
iv)	BRMMR0021 : Balustrade of size 30mmx32mmx2mm	1.8773006134969	14.079754601227	kg
v)	BRMMR0020 : Railing 50mm outer dia of 2mm thick	3.5	26.25	kg

8	<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>	-	59.758876	Sqm
i)	BRM174 : White Cement.	0.0076	0.4541674576	1Qntl
ii)	BRM340 : Cement	0.1074	6.4181032824	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.254936396	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	59.758876	1 Sqm.
9	<p>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.</p>	-	5.20056	Qntl
i)	BRM341 : Steel	1	5.20056	1 Qntl.

10	Painting(AR0901d) :.First Floor - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	399.9	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	33.5916	1 Ltr
11	Painting(AR0919) :.First floor - 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)	-	238.39	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	17.87925	1 Litre
12	Plastering (AR1004) :.First Floor - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	101.5123	Sqm
i)	BRM340 : Cement	0.0358	3.63414034	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.5226845	1 Cum

13	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.	-	166.0381	Sqm
i)	BRM340 : Cement	0.043	7.1396383	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.9886858	1 Cum
14	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.	-	72.349596	Sqm
i)	BRM340 : Cement	0.0372	2.6914049712	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.54262197	1 Cum
15	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	101.51	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	12.68875	1 Ltr

ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	9.1686451612903	1 Ltr
16	Other Building Items. (AR1902) :.First Floor - 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.	-	238.39	Sqm
i)	BRMMR0038 : Cement based putty	0.8	190.712	kg
17	Flooring (AR0816) :.First 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 Engineer-in-charge.	-	11.6127	Sqm
i)	BRMMR0027 : Wax Polish	1	11.6127	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	11.6127	1 Sqm.
iii)	BRM340 : Cement	0.2737	3.17839599	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.1509651	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	108.71916401435	1 Qntl.	538.927	58591.692904762
2	BRM028	23.126191641	1 Cum	891.3	20612.374609623
3	BRM060	6.8679279	1 Cum.	2547.38	17495.222173902
4	BRM052	10.30189185	1 Cum.	2511	25868.05043535
5	BRM084	114.8788071288	1Mtr	250.166	28738.771664183
6	BRM104	1.1527302653046	1Cum.	58573.086	67518.968964489
7	BRM094	8.581785975	1Mtr.	240.106	2060.5383033134
8	BRM162	14.2884	1 Kg.	90.1	1287.38484
9	BRM341	23.954085	1 Qntl.	6834.487	163713.88252939
10	BRMMR0025	28.8621	1 Cum	33	952.4493
11	BRM005	10101.735	1000 Nos	6.00665	60677.58653775
12	BRMMR0024	2.3006134969325	L.S.	178.42	410.4754601227
13	BRMMR0023	78.588957055215	kg	10	785.88957055215
14	BRMMR0022	38.259202453988	kg	256.62	9818.0765337423
15	BRMMR0021	14.079754601227	kg	256.62	3613.1466257669
16	BRMMR0020	26.25	kg	240.24	6306.3
17	BRM174	0.4541674576	1Qntl	2041.967	927.3949608931
18	BRM131	59.758876	1 Sqm.	660.6811111	39481.560593767
19	BRM253	42.76024516129	1 Ltr	159.27787	6810.7607699681
20	BRM140	17.87925	1 Litre	249.58787	4462.4439246975
21	BRM255	12.68875	1 Ltr	195.03787	2474.7867729625
22	BRMMR0038	190.712	kg	30	5721.36
23	BRMMR0027	11.6127	1 Sqm	8.5	98.70795
24	BRM130	11.6127	1 Sqm.	461.3175001	5357.1417334113
Total: 533784.96715865					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	23.126191641	1 Cum	274.25	6342.3580575443
2	BRM060	6.8679279	1 Cum.	444.5	3052.79395155
3	BRM052	10.30189185	1 Cum.	444.5	4579.190927325
4	BRM005	10101.735	1000 Nos	0.04025	406.59483375
Total: 14380.937770169					

ADDITION COMPONENT

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

1	Provision for PH Work @ 0.9%	Rs. 8585.2165785171
2	Provision for EI Work @ 3.5%	Rs. 33386.9533609
3	Provision for Contingency @ 0.05%	Rs. 476.95647658428
4	Display Citizen Board @ Rs. 3000	Rs. 3000
5	Any Other Lumpsum @ Rs. 637	Rs. 637
Total Addition Component Amount (in Rs.): 46086.126416001		

Total Net Amount (in Rs.): 999999.07958458