

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Kesinga	Gram Panchayat	Belakhandi

Work Code	OD/358/3416/118744/422272/00052703 (Provision of GP facility centre at Belkhandi G.P HQ)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kesinga	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.	OD/358/3416/118744/422272/00052703/TS
Fund Sanction No.	1999
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>R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	16.987977534234	6303.6557040332	67714.589666098
2	<p>R.C.C. Work (AR0410e) : First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm</p>	Sqm	15.92543226	599.49238437754	67714.589666098

3	R.C.C. Work (AR0410d) : First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	Sqm	43.8961286626	1257.4845869017	67714.589666098
4	R.C.C. Work (AR0410a) : First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	Sqm	92.0133515817	795.95935411093	67714.589666098

5	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	16	8659.2281118	67714.589666098
6	<p>Masonry Brick Work (AR0603bi) : First floor - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	22.114149942016	5471.735750288	67714.589666098

7	<p>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.</p>	Sqm	97.5016985	173.4690819832	67714.589666098
8	<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	163.9830853	249.654079772	67714.589666098

9	<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	70.7794419017	194.5130547088	67714.589666098
10	<p>Plastering (AR1017) : First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	80.546901	274.0075518176	67714.589666098

11	<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>	Sqm	13.2630924084	1231.0453817158	67714.589666098
12	<p>Flooring (AR0817b) : First floor - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	25.85769199	905.017783211	67714.589666098

13	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	3.135	15991.047623087	67714.589666098
14	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)	Sqm	93.7855785	160.11208025032	67714.589666098

15	<p>Painting (AR0922b) : First Floor - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	122.34767682	154.35004186467	67714.589666098
16	<p>Painting (AR0901bi) : First Floor - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	4.6916015	69.047911425445	67714.589666098

17	<p>Other Building Items. (AR1901B) : First floor - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	41.93734323	1026.5006268026	67714.589666098
18	<p>Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost,conveyance, taxes of all materials, labour,T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	Rmt	21.640799307494	3129.0244276074	67714.589666098

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	16.987977534234	Cum
i	Un-Skilled	1.533295	26.047581013353	-
ii	Skilled	0.115	1.9536174164369	-
iii	Semi-Skilled	0.065895	1.1194227796183	-
2	R.C.C. Work (AR0410e) : First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm	-	15.92543226	Sqm
i	Semi-Skilled	0.19230769230769	3.0625831269231	-

	ii	Skilled	0.19230769230769	3.0625831269231	-
3		R.C.C. Work (AR0410d) : First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	43.8961286626	Sqm
	i	Semi-Skilled	0.78571428571429	34.489815377757	-
	ii	Skilled	0.78571428571429	34.489815377757	-
4		R.C.C. Work (AR0410a) : First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	92.0133515817	Sqm
	i	Semi-Skilled	0.36666666666667	33.73822891329	-
	ii	Skilled	0.36666666666667	33.73822891329	-

5	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	16	Qntl
i	Un-Skilled	0.8	12.8	-
ii	Highly-Skilled	0.3	4.8	-
iii	Semi-Skilled	0.044	0.704	-
6	<p>Masonry Brick Work (AR0603bi) : First floor - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	22.114149942016	Cum

	i	Un-Skilled	3.404	75.276566402622	-
	ii	Skilled	1.2075	26.702836054984	-
	iii	Highly-Skilled	0.4025	8.9009453516614	-
7		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.	-	97.5016985	Sqm
	i	Un-Skilled	0.1236	12.0512099346	-
	ii	Skilled	0.1442	14.0597449237	-
8		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.	-	163.9830853	Sqm
	i	Un-Skilled	0.2472	40.53661868616	-

	ii	Skilled	0.1648	27.02441245744	-
9		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.	-	70.7794419017	Sqm
	i	Un-Skilled	0.1751	12.393480276988	-
	ii	Skilled	0.1442	10.206395522225	-
10		Plastering (AR1017) : First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	80.546901	Sqm
	i	Un-Skilled	0.2472	19.9111939272	-
	ii	Skilled	0.1648	13.2741292848	-

11	<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>	-	13.2630924084	Sqm
	i Un-Skilled	0.2268	3.0080693582251	-
	ii Highly-Skilled	0.2268	3.0080693582251	-
	iii Semi-Skilled	0.5775	7.659435865851	-
12	<p>Flooring (AR0817b) : First floor - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	25.85769199	Sqm

	i	Un-Skilled	0.34125	8.8239373915875	-
	ii	Highly-Skilled	0.34125	8.8239373915875	-
13		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.	-	3.135	Qntl
	i	Un-Skilled	6.3976377952756	20.056594488189	-
	ii	Semi-Skilled	1.9685039370079	6.1712598425197	-
	iii	Skilled	3.9370078740157	12.342519685039	-
	iv	Highly-Skilled	3.4448818897638	10.799704724409	-
14		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)	-	93.7855785	Sqm

	i	Un-Skilled	0.11776344086022	11.044512427226	-
	ii	Highly-Skilled	0.10776344086022	10.106656642226	-
15		Painting (AR0922b) : First Floor - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	122.34767682	Sqm
	i	Highly-Skilled	0.10893634408602	13.328108620189	-
	ii	Un-Skilled	0.11923634408602	14.588289691435	-
16		Painting (AR0901bi) : First Floor - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	4.6916015	Sqm
	i	Highly-Skilled	0.056451612903226	0.26484847177419	-
	ii	Un-Skilled	0.056451612903226	0.26484847177419	-

17	<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>	-	41.93734323	Sqm
	i Un-Skilled	0.2268	9.511389444564	-
	ii Highly-Skilled	0.2268	9.511389444564	-
18	<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>	-	21.640799307494	Rmt

i	Semi-Skilled	0.27300613496933	5.9080709765858	-
ii	Highly-Skilled	0.27300613496933	5.9080709765858	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	266.31429151392	462	123037.20267943
1	Skilled	176.8542827626	562	99392.106912579
2	Semi-Skilled	92.852816882545	512	47540.642243863
3	Highly-Skilled	75.451730981222	612	46176.459360508
Total:				316146.41119638

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	16.987977534234	Cum
i)	BRM340 : Cement	3.4733	59.004342369655	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.6445898904053	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	6.1156719123242	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	9.1735078684864	1 Cum.
2	R.C.C. Work (AR0410e) :.First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm	-	15.92543226	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.32307692307692	5.1451396532308	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.10118774651354	1Cum.
3	R.C.C. Work (AR0410d) :.First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	-	43.8961286626	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.66285714285714	29.096862427781	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.27341017281277	1Cum.

4	R.C.C. Work (AR0410a) :.First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	92.0133515817	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.746666666666667	68.703302514336	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00602666666666667	0.55453379886571	1Cum.
5	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.	-	16	Qntl
i)	BRM162 : Binding Wire.	0.8	12.8	1 Kg.
ii)	BRM341 : Steel	1.05	16.8	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.	-	22.114149942016	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	22.114149942016	1 Cum
ii)	BRM340 : Cement	0.672	14.860708761035	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.1919619837645	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %	350	7739.9524797056	1000 Nos
7	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.	-	97.5016985	Sqm
i)	BRM340 : Cement	0.0358	3.4905608063	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.4625254775	1 Cum

8	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.	-	163.9830853	Sqm
i)	BRM340 : Cement	0.043	7.0512726679	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.9516955354	1 Cum
9	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.	-	70.7794419017	Sqm
i)	BRM340 : Cement	0.0372	2.6329952387432	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.53084581426275	1 Cum
10	Plastering (AR1017) :.First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	80.546901	Sqm
i)	BRM340 : Cement	0.0744	5.9926894344	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.691484921	1 Cum

11	<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>	-	13.2630924084	Sqm
i)	BRMMR0027 : Wax Polish	1	13.2630924084	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	13.2630924084	1 Sqm.
iii)	BRM340 : Cement	0.2737	3.6301083921791	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.1724202013092	1 Cum
12	<p>Flooring (AR0817b) :.First floor - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	25.85769199	Sqm

i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	25.85769199	1 Sqm.
ii)	BRM340 : Cement	0.1375	3.555432648625	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.38786537985	1 Cum
13	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.	-	3.135	Qntl
i)	BRM341 : Steel	1	3.135	1 Qntl.
14	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)	-	93.7855785	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	11.7231973125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	8.4709554774194	1 Ltr

15	Painting(AR0922b) :.First Floor - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	122.34767682	Sqm
i)	BRM142 : Distemper	0.25	30.586919205	1 Kg.
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	10.27720485288	1 Ltr
16	Painting(AR0901bi) :.First Floor - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	4.6916015	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.253346481	1 Litre
17	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)	-	41.93734323	Sqm
i)	BRM174 : White Cement.	0.0076	0.318723808548	1Qntl
ii)	BRM340 : Cement	0.1074	4.504070662902	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.88068420783	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	41.93734323	1 Sqm.
18	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	-	21.640799307494	Rmt
i)	BRMMR0024 : Buffing, Polishing etc.	0.30674846625767	6.6382819961638	L.S.
ii)	BRMMR0023 : Fabrication	10.478527607362	226.76371298896	kg
iii)	BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	110.3946295962	kg
iv)	BRMMR0021 : Balustrade of size 30mmx32mmx2mm	1.8773006134969	40.626285816522	kg
v)	BRMMR0020 : Railing 50mm outer dia of 2mm thick	3.5	75.742797576229	kg

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	104.72218098174	1 Qntl.	614.502	64351.989657641
2	BRM028	21.914073411322	1 Cum	417.99	9159.8635451984

3	BRM060	6.1156719123242	1 Cum.	2191.81	13404.390854151
4	BRM052	9.1735078684864	1 Cum.	2176.81	19968.9836632
5	BRM094	5.1451396532308	1Mtr.	287.666	1480.0817434863
6	BRM104	0.92913171819202	1Cum.	58620.646	54466.301539506
7	BRM084	97.800164942117	1Mtr	297.726	29117.651907557
8	BRM162	12.8	1 Kg.	90.1	1153.28
9	BRM341	19.935	1 Qntl.	6403.342	127650.62277
10	BRMMR0025	22.114149942016	1 Cum	33	729.76694808653
11	BRM005	7739.9524797056	1000 Nos	6.4484	49910.309570134
12	BRMMR0027	13.2630924084	1 Sqm	8.5	112.7362854714
13	BRM130	13.2630924084	1 Sqm.	467.8630561	6205.3109475307
14	BRM129	25.85769199	1 Sqm.	422.9830561	10937.365581623
15	BRM255	11.7231973125	1 Ltr	190.04512	2227.9364400377
16	BRM253	18.748160330299	1 Ltr	159.57512	2991.7399344868
17	BRM142	30.586919205	1 Kg.	70.64512	2160.8165776675
18	BRM137	0.253346481	1 Litre	143.24512	36.290647072423
19	BRM174	0.318723808548	1Qntl	2071.692	660.29756437842
20	BRM131	41.93734323	1 Sqm.	668.8630561	28050.339557532
21	BRMMR0024	6.6382819961638	L.S.	178.42	1184.4022737555
22	BRMMR0023	226.76371298896	kg	10	2267.6371298896
23	BRMMR0022	110.3946295962	kg	256.62	28329.469846978
24	BRMMR0021	40.626285816522	kg	256.62	10425.517466236
25	BRMMR0020	75.742797576229	kg	240.24	18196.449689713
Total: 485179.55214133					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	16.987977534234	Cum
i)	BRM340 : Cement	3.4733	59.004342369655	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.6445898904053	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	6.1156719123242	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	9.1735078684864	1 Cum.
2	R.C.C. Work (AR0410e) :.First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm	-	15.92543226	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0042461538461538	0.067621835442462	1Mtr.

ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0063538461538462	0.10118774651354	1Cum.
3	R.C.C. Work (AR0410d) :.First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	-	43.8961286626	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0068	0.29849367490568	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0062285714285714	0.27341017281277	1Cum.
4	R.C.C. Work (AR0410a) :.First floor - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	92.0133515817	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0092	0.84652283455164	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0060266666666667	0.55453379886571	1Cum.

5	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.	-	16	Qntl
i)	BRM341 : Steel	1.05	16.8	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/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.	-	22.114149942016	Cum
i)	BRM340 : Cement	0.672	14.860708761035	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.1919619837645	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	350	7739.9524797056	1000 Nos

7	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.	-	97.5016985	Sqm
i)	BRM340 : Cement	0.0358	3.4905608063	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.4625254775	1 Cum
8	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.	-	163.9830853	Sqm
i)	BRM340 : Cement	0.043	7.0512726679	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.9516955354	1 Cum
9	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.	-	70.7794419017	Sqm
i)	BRM340 : Cement	0.0372	2.6329952387432	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.53084581426275	1 Cum

10	Plastering (AR1017) :.First Floor - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	80.546901	Sqm
i)	BRM340 : Cement	0.0744	5.9926894344	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.691484921	1 Cum
11	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.	-	13.2630924084	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	13.2630924084	1 Sqm.
ii)	BRM340 : Cement	0.2737	3.6301083921791	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.1724202013092	1 Cum

12	Flooring (AR0817b) :.First floor - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	25.85769199	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	25.85769199	1 Sqm.
ii)	BRM340 : Cement	0.1375	3.555432648625	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.38786537985	1 Cum
13	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.	-	3.135	Qntl
i)	BRM341 : Steel	1	3.135	1 Qntl.

14	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)	-	93.7855785	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	11.7231973125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	8.4709554774194	1 Ltr
15	Painting(AR0922b) :.First Floor - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	122.34767682	Sqm
i)	BRM142 : Distemper	0.25	30.586919205	1 Kg.
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	10.27720485288	1 Ltr
16	Painting(AR0901bi) :.First Floor - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	4.6916015	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.253346481	1 Litre

17	<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>	-	41.93734323	Sqm
i)	BRM174 : White Cement.	0.0076	0.318723808548	1Qntl
ii)	BRM340 : Cement	0.1074	4.504070662902	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.88068420783	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	41.93734323	1 Sqm.
18	<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>	-	21.640799307494	Rmt

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	21.914073411322	1 Cum	110.25	2416.0265935982
2	BRM060	6.1156719123242	1 Cum.	409.5	2504.3676480968
3	BRM052	9.1735078684864	1 Cum.	409.5	3756.5514721452
Total: 8676.9457138402					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 50000	Rs. 50000
2	Provision for EI Work @ Rs. 50000	Rs. 50000
3	Provision for Contingency @ Rs. 10000	Rs. 10000
4	Display Citizen Board @ Rs. 5000	Rs. 5000
5	Any Other Lumpsum @ Rs. 51838	Rs. 51838
Total Addition Component Amount (in Rs.): 166838		

Total Net Amount (in Rs.): 999999.01677339