

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Bhograi	<b>Gram Panchayat</b>	Kumbharmuli

<b>Work Code</b>	OD/346/3302/275559/391679/00022394 (PROVISION OF FACILITY CENTRE AT KUMBHARMULI GP HQRS)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bhograi	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	06-02-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Provision of Facilities at GP Head Quarter
<b>Project Sub-Category</b>	GP Facility Centre	<b>Project Type</b>	New Work
<b>Name of Executant</b>	NAGESWAR SINGH		

### Administrative Approval Details

<b>Approval No.</b>	OD/346/3302/275559/391679/00022394/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/346/3302/275559/391679/00022394/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>R.C.C. Work (AR0404Ac) : First Floor -</b> Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder &amp; Bressmer etc)</p>	Cum	7.92300807568	17379.91787725	19292.094380424
2	<p><b>R.C.C. Work (AR0404Ad) : First Floor -</b> Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	1.34195297376	15710.154886703	19292.094380424

3	<p><b>R.C.C. Work (AR0404Ag) : First Floor -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	13.30252755168	15275.275097734	19292.094380424
4	<p><b>R.C.C. Work (AR0409) : First floor -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	18.1	8661.1735233	19292.094380424

5	<p><b>Masonry Brick Work (AR0603bi) : First floor -</b>  Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	19.0696233168	5885.710437568	19292.094380424
6	<p><b>Plastering (AR1014) : First Floor - 16mm</b>  thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	169.29063369	258.876053442	19292.094380424

7	<p><b>Plastering (AR1004) : First Floor</b> - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp. and as per direction of Engineer-in-charge.</p>	Sqm	171.788330845	181.1557013252	19292.094380424
8	<p><b>Plastering (AR1027) : First Floor</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	103.95659894	197.4060611368	19292.094380424

9	<p><b>miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</b></p>	Sqm	5.945792	16.22	19292.094380424
10	<p><b>Other Building Items. (AR1907) : aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-incharge.</b></p>	Sqm	5.945792	4152.7950064027	19292.094380424

11	<p><b>Painting (AR0901d) : First Floor</b> - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	255.398	73.582069974671	19292.094380424
12	<p><b>Painting (AR0901di) : First Floor</b> - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	189.799	75.76557472129	19292.094380424
13	<p><b>Painting (AR0919a) : First Floor</b> - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat oil bound Primer on old 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	255.398	133.23015532717	19292.094380424

14	<b>Painting (AR0918Ai) : First Floor</b> - 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	189.799	59.2069476525	19292.094380424
15	<b>Other Building Items. (AR1901B) : First floor</b> - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	Sqm	86.01517158	1027.6023313686	19292.094380424

16	<b>Flooring (AR0817aa) : First floor</b> - 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	12.28270563	1570.671394526	19292.094380424
<b>Total Amount (in Rs.): 937362.85758727</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>R.C.C. Work (AR0404Ac) : First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	7.92300807568	Cum

	i	Un-Skilled	1.533295	12.1483086674	-
	ii	Skilled	6.4015	50.719136196466	-
	iii	Semi-Skilled	6.352395	50.330076884909	-
2		<b>R.C.C. Work (AR0404Ad) : First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.34195297376	Cum
	i	Un-Skilled	1.533295	2.0576097849013	-
	ii	Skilled	2.8075	3.7675329738312	-
	iii	Semi-Skilled	2.758395	3.7016363730547	-

3	<b>R.C.C. Work (AR0404Ag) : First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	13.30252755168	Cum
i	Un-Skilled	1.533295	20.396698982353	-
ii	Skilled	3.7813	50.300847431168	-
iii	Semi-Skilled	3.732195	49.647626815742	-
4	<b>R.C.C. Work (AR0409) : First floor</b> - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	18.1	Qntl
i	Un-Skilled	0.84	15.204	-

	ii	Highly-Skilled	0.315	5.7015	-
	iii	Semi-Skilled	0.0462	0.83622	-
5		<b>Masonry Brick Work (AR0603bi) : First floor</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	19.0696233168	Cum
	i	Un-Skilled	3.404	64.912997770387	-
	ii	Skilled	1.2075	23.026570155036	-
	iii	Highly-Skilled	0.4025	7.675523385012	-
6		<b>Plastering (AR1014) : First Floor</b> - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	169.29063369	Sqm

	i	Un-Skilled	0.2472	41.848644648168	-
	ii	Skilled	0.1648	27.899096432112	-
7		<b>Plastering (AR1004) :</b> <b>First Floor -</b> 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	171.788330845	Sqm
	i	Un-Skilled	0.1236	21.233037692442	-
	ii	Skilled	0.1442	24.771877307849	-
8		<b>Plastering (AR1027) :</b> <b>First Floor -</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	103.95659894	Sqm
	i	Un-Skilled	0.1751	18.202800474394	-
	ii	Skilled	0.1442	14.990541567148	-

9	<p><b>miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</b> - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</p>	-	5.945792	Sqm
10	<p><b>Other Building Items. (AR1907) : aluminum sliding window (sliding type)</b>  - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-incharge.</p>	-	5.945792	Sqm
i	Un-Skilled	1.006711409396	5.9856966442953	-
ii	Semi-Skilled	1.006711409396	5.9856966442953	-
iii	Skilled	0.33557046979866	1.9952322147651	-
iv	Highly-Skilled	0.33557046979866	1.9952322147651	-

11	<b>Painting (AR0901d) : First Floor</b> - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	255.398	Sqm
	i Highly-Skilled	0.055376344086022	14.143007526882	-
	ii Un-Skilled	0.055376344086022	14.143007526882	-
12	<b>Painting (AR0901di) : First Floor</b> - Priming one coat with outer 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.	-	189.799	Sqm
	i Highly-Skilled	0.056451612903226	10.714459677419	-
	ii Un-Skilled	0.056451612903226	10.714459677419	-

13	<b>Painting (AR0919a) : First Floor</b> - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat oil bound Primer on old 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)	-	255.398	Sqm
i	Un-Skilled	0.099666344086022	25.454584946882	-
ii	Highly-Skilled	0.092456344086021	23.613165366882	-
14	<b>Painting (AR0918Ai) : First Floor</b> - 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.	-	189.799	Sqm
i	Un-Skilled	0.04515	8.56942485	-
ii	Highly-Skilled	0.0378	7.1744022	-

15	<p><b>Other Building Items. (AR1901B) :</b>  <b>First floor -</b> Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	86.01517158	Sqm
	i Un-Skilled	0.2268	19.508240914344	-
	ii Highly-Skilled	0.2268	19.508240914344	-
16	<p><b>Flooring (AR0817aa) :</b>  <b>First floor -</b> Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm conforming 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.</p>	-	12.28270563	Sqm
	i Highly-Skilled	0.34125	4.1914732962375	-
	ii Un-Skilled	0.34125	4.1914732962375	-

iii	Semi-Skilled	0.798	9.80159909274	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	284.57098587611	462	131471.79547476
1	Skilled	197.47083427837	562	110978.60886445
2	Semi-Skilled	120.30285581074	512	61595.0621751
3	Highly-Skilled	94.717004581541	612	57966.806803903
<b>Total:</b>				<b>362012.27331821</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>R.C.C. Work (AR0404Ac) :.First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	<b>7.92300807568</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	27.518983949259	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.565353634056	1 Cum

iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.8522829072448	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	4.2784243608672	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.30352	42.01983178953	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.3948415228499	1Cum.
2	<b>R.C.C. Work (AR0404Ad) :.First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	<b>1.34195297376</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	4.6610052637606	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.603878838192	1 Cum

iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.4831030705536	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.7246546058304	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	4.5234	6.070190081506	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.11938040493628	1Cum.
3	<b>R.C.C. Work (AR0404Ag) :.First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	<b>13.30252755168</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	46.20366894525	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.986137398256	1 Cum

iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	4.7889099186048	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	7.1833648779072	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	7.46592	99.315606498639	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.80161882388187	1Cum.
4	<b>R.C.C. Work (AR0409) :.First floor -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	<b>18.1</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	14.48	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	19.005	1 Qntl.

5	<b>Masonry Brick Work (AR0603bi) :.First floor</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	<b>19.0696233168</b>	Cum
i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	19.0696233168	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	12.81478686889	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	5.339494528704	1 Cum
iv)	<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance ± 2 %</b>	350	6674.36816088	1000 Nos
6	<b>Plastering (AR1014) :.First Floor</b> - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>169.29063369</b>	Sqm
i)	<b>BRM340 : Cement</b>	0.043	7.27949724867	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	3.04723140642	1 Cum

7	<b>Plastering (AR1004)</b> :.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.	-	<b>171.788330845</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	6.150022244251	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	2.576824962675	1 Cum
8	<b>Plastering (AR1027)</b> :.First Floor - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>103.95659894</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	3.867185480568	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.77967449205	1 Cum
9	<b>miscellaneous(ARM105)</b> :.Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.	-	<b>5.945792</b>	Sqm
i)	<b>BRMM105</b> : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works)	1	5.945792	Sqm

10	<p><b>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) -</b>  Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-incharge.</p>	-	<b>5.945792</b>	Sqm
i)	<b>BRMMR0005</b> : Handel with lock	1.3422818791946	7.9809288590604	Each
ii)	<b>BRM271</b> : Black glass (I.S.I.) 5mm	1.1006711409396	6.5443616644295	Sqm
iii)	<b>BRMMR0008</b> : Hire charges of drills machine	0.67114093959732	3.9904644295302	Day
iv)	<b>BRMMR0013</b> : Al. wheel runner	5.3691275167785	31.923715436242	Each
v)	<b>BRMMR0012</b> : Window pile	5.0335570469799	29.928483221477	Mtr
vi)	<b>BRMMR0011</b> : U rubber beading	6.5436241610738	38.907028187919	Mtr
vii)	<b>BRMMR0010</b> : Al. Screws of different sizes	0.67114093959732	3.9904644295302	L.S.
viii)	<b>BRMMR0009</b> : PVC Plug	5.3691275167785	31.923715436242	Each
ix)	<b>BRM304</b> : Aluminium extruded section	5.1330201342282	30.519870049933	kg
11	<p><b>Painting(AR0901d) :.First Floor -</b> Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	-	<b>255.398</b>	Sqm

i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	21.453432	1 Ltr
12	<b>Painting(AR0901di)</b> : <b>First Floor</b> - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	<b>189.799</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	17.143135483871	1 Ltr
13	<b>Painting(AR0919a)</b> : <b>First Floor</b> - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat oil bound Primer on old 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)	-	<b>255.398</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.075	19.15485	1 Litre
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	21.453432	1 Ltr
14	<b>Painting(AR0918Ai)</b> : <b>First Floor</b> - 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.	-	<b>189.799</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.075	14.234925	1 Ltr

15	<p><b>Other Building Items. (AR1901B) :.First floor</b>  - Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	<b>86.01517158</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.653715304008	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	9.238029427692	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.80631860318	1 Cum
iv)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	86.01517158	1 Sqm.
16	<p><b>Flooring (AR0817aa) :.First floor</b> - 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.</p>	-	<b>12.28270563</b>	Sqm

i)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	12.28270563	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	12.28270563	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	1.688872024125	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.18424058445	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	119.42205145247	1 Qntl.	570.467	68126.339425934
2	<b>BRM028</b>	23.889154447983	1 Cum	886.71	21182.752140571
3	<b>BRM060</b>	8.1242958964032	1 Cum.	3090.18	25105.536693147
4	<b>BRM052</b>	12.186443844605	1 Cum.	3053.8	37214.962212654
5	<b>BRM084</b>	141.33543828817	1Mtr	250.166	35357.321254798
6	<b>BRM104</b>	1.3158407516681	1Cum.	58573.086	77072.853509757
7	<b>BRM094</b>	6.070190081506	1Mtr.	240.106	1457.4890597101
8	<b>BRM162</b>	14.48	1 Kg.	90	1303.2
9	<b>BRM341</b>	19.005	1 Qntl.	6379.007	121233.028035
10	<b>BRMMR0025</b>	19.0696233168	1 Cum	33	629.2975694544
11	<b>BRM005</b>	6674.36816088	1000 Nos	7.2141	48149.559349404
12	<b>BRMM105</b>	5.945792	Sqm	16.22	96.44074624
13	<b>BRMMR0005</b>	7.9809288590604	Each	40	319.23715436242
14	<b>BRM271</b>	6.5443616644295	Sqm	705.01	4613.8404170395
15	<b>BRMMR0008</b>	3.9904644295302	Day	100	399.04644295302
16	<b>BRMMR0013</b>	31.923715436242	Each	25	798.09288590604
17	<b>BRMMR0012</b>	29.928483221477	Mtr	10	299.28483221477
18	<b>BRMMR0011</b>	38.907028187919	Mtr	15	583.60542281879
19	<b>BRMMR0010</b>	3.9904644295302	L.S.	30	119.71393288591
20	<b>BRMMR0009</b>	31.923715436242	Each	1.5	47.885573154362
21	<b>BRM304</b>	30.519870049933	kg	297.97	9094.0056787785
22	<b>BRM253</b>	38.596567483871	1 Ltr	159.27787	6147.5790581422
23	<b>BRM140</b>	19.15485	1 Litre	249.58787	4780.8182116695
24	<b>BRM252</b>	21.453432	1 Ltr	125.74787	2697.7233781898

25	<b>BRM255</b>	14.234925	1 Ltr	195.03787	2776.3494516097
26	<b>BRM174</b>	0.653715304008	1Qntl	2041.967	1334.8650781793
27	<b>BRM131</b>	98.29787721	1 Sqm.	662.3175001	65104.404298864
28	<b>BRMMR0027</b>	12.28270563	1 Sqm	8.5	104.402997855
<b>Total: 536149.63481129</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>R.C.C. Work (AR0404Ac) :.First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	<b>7.92300807568</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	27.518983949259	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.565353634056	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.8522829072448	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	4.2784243608672	1 Cum.

v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0544068	0.43106551577191	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.3948415228499	1Cum.
2	<b>R.C.C. Work (AR0404Ad) : First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	<b>1.34195297376</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	4.6610052637606	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.603878838192	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.4831030705536	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.7246546058304	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.0594504	0.079779641071221	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.11938040493628	1Cum.

3	<b>R.C.C. Work (AR0404Ag) :.First Floor</b> - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	<b>13.30252755168</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	46.20366894525	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.986137398256	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	4.7889099186048	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	7.1833648779072	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0919908	1.2237101515011	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.80161882388187	1Cum.

4	<b>R.C.C. Work (AR0409) :.First floor -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	18.1	Qntl
i)	<b>BRM341 : Steel</b>	1.05	19.005	1 Qntl.
5	<b>Masonry Brick Work (AR0603bi) :.First floor -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance $\pm 8$ percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	19.0696233168	Cum
i)	<b>BRM340 : Cement</b>	0.672	12.81478686889	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	5.339494528704	1 Cum
iii)	<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance <math>\pm 2</math> %</b>	350	6674.36816088	1000 Nos

6	<b>Plastering (AR1014)</b> .:First Floor - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>169.29063369</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	7.27949724867	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	3.04723140642	1 Cum
7	<b>Plastering (AR1004)</b> .: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.	-	<b>171.788330845</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	6.150022244251	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	2.576824962675	1 Cum
8	<b>Plastering (AR1027)</b> .:First Floor - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>103.95659894</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	3.867185480568	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.77967449205	1 Cum

9	<p><b>miscellaneous(ARM10 5) :.Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</b></p>	-	5.945792	Sqm
10	<p><b>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&amp;P etc. complete as per direction of Engineer-incharge.</b></p>	-	5.945792	Sqm
11	<p><b>Painting(AR0901d) :.First Floor - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b></p>	-	255.398	Sqm
i)	<p><b>BRM253 : Wall cement primer (I.S.I.) Water bound</b></p>	0.084	21.453432	1 Ltr

12	<b>Painting(AR0901di)</b> :.First Floor - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	<b>189.799</b>	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	17.143135483871	1 Ltr
13	<b>Painting(AR0919a)</b> :.First Floor - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat oil bound Primer on old 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)	-	<b>255.398</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.075	19.15485	1 Litre
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	21.453432	1 Ltr
14	<b>Painting(AR0918Ai)</b> :.First Floor - 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.	-	<b>189.799</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.075	14.234925	1 Ltr

15	<p><b>Other Building Items. (AR1901B) :.First floor</b>  - Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	<b>86.01517158</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.653715304008	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	9.238029427692	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.80631860318	1 Cum
iv)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	86.01517158	1 Sqm.
16	<p><b>Flooring (AR0817aa) :.First floor</b> - 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.</p>	-	<b>12.28270563</b>	Sqm

i)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	12.28270563	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.1375	1.688872024125	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.18424058445	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	23.889154447983	1 Cum	265.25	6336.5982173275
2	<b>BRM060</b>	8.1242958964032	1 Cum.	522.5	4244.9446058707
3	<b>BRM052</b>	12.186443844605	1 Cum.	522.5	6367.416908806
<b>Total: 16948.959732004</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5000	Rs. 5000
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 35757	Rs. 35757
<b>Total Addition Component Amount (in Rs.): 41757</b>		

**Total Net Amount (in Rs.): 979119.85758727**