

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Khaira	Gram Panchayat	Bartana

Work Code	OD/346/3304/116204/393632/00105131 (Const. of CRC near RD road of village Dhaligadia)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Khaira	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	Cultural Center	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	4818
Fund Sanction Amount (in Rs.)	400000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p style="text-align: center;">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	5.80640674	8632.0992593	50121.479319549
---	--	------	------------	--------------	-----------------

2	<p style="text-align: center;">Pile Foundation (AR1501bc) : Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips -</p> <p>Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)</p>	Nos	6	4330.3731719	25982.2390314
---	--	-----	---	--------------	---------------

3	<p style="text-align: center;">R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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	8.2209429187616	7063.6894119502	58070.187451503
4	<p style="text-align: center;">R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	11.64260396	216.23489289764	2517.5372203402

5	<p style="text-align: center;">R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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</p>	Sqm	26.870799205	1047.3822930467	28143.99928733
6	<p style="text-align: center;">R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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	5.82130198	499.15267251462	2905.7184408316

7	<p style="text-align: center;">R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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</p>	Sqm	29.74846963	662.689943368	19714.011654389
8	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	6.05070267552	1503.287232	9095.9440767375

9	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	1.9967318829216	6955.88406526	13889.035487011
10	<p style="text-align: center;">Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifcaion and direction of Engineer-in charge.</p>	Cum	1.9967318829216	8348.07193962	16668.861402762

11	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	10.00332302528	5553.802621568	55556.481642192
----	---	-----	----------------	----------------	-----------------

12	<p style="text-align: center;">Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	2.91065099	1536.047898636	4470.8993368523
----	--	-----	------------	----------------	-----------------

13	<p style="text-align: center;">Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -</p> <p>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	19.8514108467	1195.2910850788	23728.214411297
----	---	-----	---------------	-----------------	-----------------

14	<p style="text-align: center;">Flooring (AR0820) : 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips - 2.5 cm.</p> <p>Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Sqm	4.4128925	376.1715414676	1660.0045740558
15	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing -</p> <p>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	0.935	15965.287573087	14927.543880836

16	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	56.97276475	181.3987073252	10334.785878393
17	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	48.01134137	257.960023842	12385.006764492

18	<p align="center">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	104.98410612	71.83248932951	7541.269682633
19	<p align="center">Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	104.98410612	94.7526285875	9947.520014779
Total Amount (in Rs.): 367660.73955738					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
--------	---------------	---	---------------------------	------

1	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.	-	5.80640674	Qntl
i	Un-Skilled	0.8	4.645125392	-
ii	Highly-Skilled	0.3	1.741922022	-
iii	Semi-Skilled	0.044	0.25548189656	-

2	<p>Pile Foundation (AR1501bc) : Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)</p>	-	6	Nos
i	Highly-Skilled	1.65	9.9	-
ii	Un-Skilled	0.526	3.156	-
iii	Skilled	0.04	0.24	-
iv	Semi-Skilled	0.023	0.138	-

3	R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	8.2209429187616	Cum
i	Un-Skilled	1.3333	10.960983193585	-
ii	Skilled	0.1	0.82209429187616	-
iii	Semi-Skilled	0.0573	0.47106002924504	-

4	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	11.64260396	Sqm
i	Semi-Skilled	0.05	0.582130198	-
ii	Skilled	0.05	0.582130198	-
5	<p>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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</p>	-	26.870799205	Sqm
i	Semi-Skilled	0.6547619047619	17.59397566994	-
ii	Skilled	0.6547619047619	17.59397566994	-

6	R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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	-	5.82130198	Sqm
i	Semi-Skilled	0.16025641025641	0.932900958333333	-
ii	Skilled	0.16025641025641	0.932900958333333	-
7	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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	-	29.74846963	Sqm
i	Semi-Skilled	0.305555555555556	9.0898101647222	-
ii	Skilled	0.305555555555556	9.0898101647222	-

8	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	6.05070267552	Cum
i	Un-Skilled	0.1236	0.74786685069427	-
9	Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	1.9967318829216	Cum
i	Skilled	0.18	0.35941173892589	-
ii	Un-Skilled	3.9	7.7872543433942	-

10	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	1.9967318829216	Cum
	i Un-Skilled	4.6	9.1849666614394	-
	ii Skilled	0.68	1.3577776803867	-
11	<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	10.00332302528	Cum
	i Un-Skilled	2.96	29.609836154829	-

	ii	Skilled	1.05	10.503489176544	-
	iii	Highly-Skilled	0.35	3.501163058848	-
12		Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	2.91065099	Sqm
	i	Highly-Skilled	0.325	0.94596157175	-
	ii	Un-Skilled	0.325	0.94596157175	-
	iii	Semi-Skilled	0.76	2.2120947524	-

13	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	-	19.8514108467	Sqm
i	Un-Skilled	0.216	4.2879047428872	-
ii	Highly-Skilled	0.216	4.2879047428872	-
iii	Semi-Skilled	0.55	10.918275965685	-

14	<p>Flooring (AR0820) : 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	4.4128925	Sqm
i	Un-Skilled	0.36	1.5886413	-
ii	Highly-Skilled	0.103	0.4545279275	-
15	<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>	-	0.935	Qntl
i	Un-Skilled	6.3976377952756	5.9817913385827	-
ii	Semi-Skilled	1.9685039370079	1.8405511811024	-
iii	Skilled	3.9370078740157	3.6811023622047	-

	iv	Highly-Skilled	3.4448818897638	3.2209645669291	-
16		<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	56.97276475	Sqm
	i	Un-Skilled	0.12	6.83673177	-
	ii	Skilled	0.14	7.976187065	-
17		<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	48.01134137	Sqm
	i	Un-Skilled	0.24	11.5227219288	-
	ii	Skilled	0.16	7.6818146192	-

18	Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	104.98410612	Sqm
i	Highly-Skilled	0.053763440860215	5.6443067806452	-
ii	Un-Skilled	0.053763440860215	5.6443067806452	-
19	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	104.98410612	Sqm
i	Highly-Skilled	0.054	5.66914173048	-
ii	Un-Skilled	0.064	6.71898279168	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
--------	-------------	----------	------	--------

1	Un-Skilled	109.61907482029	462	50644.012566972
2	Highly-Skilled	35.365892401039	612	21643.926149436
3	Semi-Skilled	44.034280815988	512	22545.551777786
4	Skilled	60.820693925133	562	34181.229985925
				Total: 129014.72048012

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	5.80640674	Qntl
i)	BRM162 : Binding Wire.	0.8	4.645125392	1 Kg.
ii)	BRM341 : Steel	1.05	6.096727077	1 Qntl.

2	<p>Pile Foundation(AR1501bc) :.Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips -</p> <p>Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)</p>	-	6	Nos
i)	BRM178 : Bentonite powder	0.825	4.95	1Qntl
ii)	BRM342 : Tripod	0.33	1.98	Per day
iii)	BRM340 : Cement	1.5	9	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.178	1.068	1 Cum
v)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.356	2.136	1 Cum.

3	<p>R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	8.2209429187616	Cum
i)	BRM340 : Cement	3.4733	28.553801039735	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.6994243134427	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.9595394507542	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	4.4393091761313	1 Cum.

4	<p>R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	11.64260396	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0310857525732	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.46696809896	1Mtr.
5	<p>R.C.C. Work (AR0410d) :Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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</p>	-	26.870799205	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	14.842917656095	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.13947224349262	1Cum.

6	R.C.C. Work (AR0410e) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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	-	5.82130198	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.26923076923077	1.56727361	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.030823047663333	1Cum.
7	R.C.C. Work (AR0410a) :.Centring & Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas - 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	-	29.74846963	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.622222222222222	18.510158880889	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.14940342525289	1Cum.

8	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	6.05070267552	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.05070267552	1 Cum
9	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	1.9967318829216	Cum
i)	BRM340 : Cement	2.29	4.5725160118905	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.95843130380237	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.9168626076047	1 Cum.

10	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	1.9967318829216	Cum
i)	BRM340 : Cement	3.23	6.4494439818368	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.89852934731472	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1.7970586946294	1 Cum.
11	<p>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	10.00332302528	Cum

i)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	4001.329210112	1000 Nos
ii)	BRM340 : Cement	0.672	6.7222330729882	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.8009304470784	1 Cum
12	Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	2.91065099	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	2.91065099	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	2.91065099	1 Sqm
iii)	BRM340 : Cement	0.1375	0.400214511125	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.04365976485	1 Cum

13	<p>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	19.8514108467	Sqm
i)	BRMMR0027 : Wax Polish	1	19.8514108467	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	19.8514108467	1 Sqm.
iii)	BRM340 : Cement	0.2737	5.4333311487418	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.2580683410071	1 Cum

14	<p>Flooring (AR0820) :.2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	4.4128925	Sqm
i)	BRM340 : Cement	0.0754	0.3327320945	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.05295471	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	0.1014965275	1 Cum.
15	<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>	-	0.935	Qntl
i)	BRM341 : Steel	1	0.935	1 Qntl.

16	Plastering (AR1004i) ::12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	56.97276475	Sqm
i)	BRM340 : Cement	0.0358	2.03962497805	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.85459147125	1 Cum
17	Plastering (AR1014) ::16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	48.01134137	Sqm
i)	BRM340 : Cement	0.043	2.06448767891	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.86420414466	1 Cum

18	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-		104.98410612	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084		8.81866491408	1 Ltr
19	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-		104.98410612	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125		13.123013265	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM162	4.645125392	1 Kg.	90	418.06128528
2	BRM341	7.031727077	1 Qntl.	6379.007	44855.436246273
3	BRM178	4.95	1Qntl	337.87	1672.4565
4	BRM342	1.98	Per day	450	891
5	BRM340	65.568384517777	1 Qntl.	570.467	37404.599610703
6	BRM028	11.498793843405	1 Cum	993.99	11429.686092406
7	BRM056	4.0345552221294	1 Cum.	2154.37	8691.924733899
8	BRM060	2.9595394507542	1 Cum.	2176.42	6441.2008514104
9	BRM052	4.4393091761313	1 Cum.	2140.04	9500.299209288
10	BRM104	0.35078446898204	1Cum.	58573.086	20546.528869149

11	BRM092	1.46696809896	1Mtr.	229.106	336.09119328033
12	BRM084	33.353076536984	1Mtr	250.166	8343.8057449512
13	BRM094	1.56727361	1Mtr.	240.106	376.31179740266
14	BRM029	6.05070267552	1 Cum	989.05	5984.4474812231
15	BRM044	1.9168626076047	1 Cum.	1753	3360.2601511311
16	BRM006	4001.329210112	1000 Nos	6.18872	24763.106109204
17	BRM131	2.91065099	1 Sqm.	660.6811111	1923.0121300975
18	BRMMR0027	22.7620618367	1 Sqm	8.5	193.47752561195
19	BRM130	19.8514108467	1 Sqm.	459.6811111	9125.3185949136
20	BRM253	8.81866491408	1 Ltr	159.27787	1404.6181637584
21	BRM140	13.123013265	1 Litre	249.58787	3275.3449287931
Total: 200936.98721878					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	11.498793843405	1 Cum	442.25	5085.341577246
2	BRM056	4.0345552221294	1 Cum.	1125.5	4540.8919025067
3	BRM060	2.9595394507542	1 Cum.	1125.5	3330.9616518238
4	BRM052	4.4393091761313	1 Cum.	1124.5	4992.0031685596
5	BRM029	6.05070267552	1 Cum	442.25	2675.9232582487
6	BRM044	1.9168626076047	1 Cum.	1125.5	2157.4288648591
Total: 22782.550423244					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 17800	Rs. 17800
2	Provision for Contingency @ 1%	Rs. 3676.6073955738
3	Display Citizen Board @ Rs. 5000	Rs. 5000
4	Any Other Lumpsum @ Rs. 5862	Rs. 5862
Total Addition Component Amount (in Rs.): 32338.607395574		

Total Net Amount (in Rs.): 399999.34695296