

ESTIMATION DPR							
State	Odisha	District	Angul	Block	Banarpal	Gram Panchayat	Ranigodajungle

Work Code	OD/344/3278/275378/404227/00067193 (Renov of Radhagovinda Temple at Ranigoda)
Project Category	Religious Structures

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Banarpal	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Chief Minister Special Assistance (CM-SA)
Project Sub-Category	Religious Structures	Project Type	Renovation or Rejuvenation
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	299
Fund Sanction Amount (in Rs.)	400000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	14.7312	240.77592	3546.918232704
2	<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	6.8052	632.667232	4305.4270472064

3	<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	3.3292	5732.37260238	19084.214867843
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4	<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	3.564	5048.831185984	17994.034346847
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5	<p style="text-align: center;">Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	12.0285	5082.161185984	61130.775825609
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6	<p style="text-align: center;">R.C.C. Work (AR0404Aa) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	2.628	6197.0706686391	16285.901717184
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7	<p style="text-align: center;">R.C.C. Work (AR0404Ab) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	Cum	1.7235	6953.8927937808	11985.034230081
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8	<p style="text-align: center;">R.C.C. Work (AR0404Ac) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	2.199	14252.824055959	31341.960099054
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9	<p style="text-align: center;">R.C.C. Work (AR0404Ad) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	0.7245	12861.35489717	9318.0516229997
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10	<p style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	3.4138	12498.955073029	42668.932828306
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11	<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	9	8634.3199362	77708.8794258
12	<p style="text-align: center;">Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specificaion and direction of Engineer-in- charge. (new work)</p>	Sqm	23.058	353.0423081576	8140.4495414979

13	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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	58.596	172.2023646676	10090.369760063
14	<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	45.068	246.923218946	11128.335631458

15	<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	17.38	1523.816556236	26483.931747382
16	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	1.932	15967.325551087	30848.8729647

17	<p style="text-align: center;">Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork 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	58.596	70.08544099121	4106.7265003209
18	<p style="text-align: center;">Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork 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	45.068	70.08544099121	3158.6106545919
19	<p style="text-align: center;">Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in- charge.</p>	Sqm	58.596	57.0910986525	3345.3100166419

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	14.7312	Cum
i	Un-Skilled	0.516	7.6012992	-
2	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	6.8052	Cum
i	Un-Skilled	0.1236	0.84112272	-

3	<p>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>	-	3.3292	Cum
i	Skilled	0.18	0.599256	-
ii	Un-Skilled	3.9	12.98388	-
4	<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>	-	3.564	Cum
i	Un-Skilled	2.96	10.54944	-

	ii	Skilled	1.05	3.7422	-
	iii	Highly-Skilled	0.35	1.2474	-
5		Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/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.	-	12.0285	Cum
	i	Un-Skilled	2.96	35.60436	-
	ii	Skilled	1.05	12.629925	-
	iii	Highly-Skilled	0.35	4.209975	-

6	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	2.628	Cum
i	Un-Skilled	1.3333	3.5039124	-
ii	Skilled	0.175	0.4599	-
iii	Semi-Skilled	0.1323	0.3476844	-

7	R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	1.7235	Cum
i	Un-Skilled	1.3333	2.29794255	-
ii	Skilled	0.35	0.603225	-
iii	Semi-Skilled	0.3073	0.52963155	-

8	R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	2.199	Cum
i	Un-Skilled	1.3333	2.9319267	-
ii	Skilled	5.33875	11.73991125	-
iii	Semi-Skilled	5.29605	11.64601395	-

9	R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.7245	Cum
i	Un-Skilled	1.3333	0.96597585	-
ii	Skilled	2.34375	1.698046875	-
iii	Semi-Skilled	2.30105	1.667110725	-

10	R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	3.4138	Cum
i	Un-Skilled	1.3333	4.55161954	-
ii	Skilled	3.15525	10.77139245	-
iii	Semi-Skilled	3.11255	10.62562319	-

11	<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>	-	9	Qntl
i	Un-Skilled	0.8	7.2	-
ii	Highly-Skilled	0.3	2.7	-
iii	Semi-Skilled	0.044	0.396	-
12	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	-	23.058	Sqm

	i	Un-Skilled	0.36	8.30088	-
	ii	Highly-Skilled	0.1	2.3058	-
13		Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	58.596	Sqm
	i	Un-Skilled	0.12	7.03152	-
	ii	Skilled	0.14	8.20344	-
14		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.	-	45.068	Sqm
	i	Un-Skilled	0.24	10.81632	-

	ii	Skilled	0.16	7.21088	-
15		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.	-	17.38	Sqm
	i	Highly-Skilled	0.325	5.6485	-
	ii	Un-Skilled	0.325	5.6485	-
	iii	Semi-Skilled	0.76	13.2088	-

16	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.	-	1.932	Qntl
i	Un-Skilled	6.3976377952756	12.360236220472	-
ii	Semi-Skilled	1.9685039370079	3.8031496062992	-
iii	Skilled	3.9370078740157	7.6062992125984	-
iv	Highly-Skilled	3.4448818897638	6.6555118110236	-
17	Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	58.596	Sqm
i	Highly-Skilled	0.053763440860215	3.1503225806452	-
ii	Un-Skilled	0.053763440860215	3.1503225806452	-

18	Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	45.068	Sqm
i	Highly-Skilled	0.053763440860215	2.4230107526882	-
ii	Un-Skilled	0.053763440860215	2.4230107526882	-
19	Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	58.596	Sqm
i	Un-Skilled	0.043	2.519628	-
ii	Highly-Skilled	0.036	2.109456	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	141.28189651381	462	65272.236189378
2	Skilled	65.264475787598	562	36678.63539263
3	Highly-Skilled	30.449976144357	612	18635.385400346

4	Semi-Skilled	42.224013421299	512	21618.694871705
				Total: 142204.95185406

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	14.7312	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	6.8052	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.8052	1 Cum

3	<p>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>	-	3.3292	Cum
i)	BRM340 : Cement	2.29	7.623868	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.598016	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.196032	1 Cum.
4	<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>	-	3.564	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	1425.6	1000 Nos

ii)	BRM340 : Cement	0.672	2.395008	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.99792	1 Cum
5	Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/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.	-	12.0285	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	12.0285	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	4811.4	1000 Nos
iii)	BRM340 : Cement	0.672	8.083152	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.36798	1 Cum

6	<p>R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	2.628	Cum
i)	BRM340 : Cement	3.4733	9.1278324	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.1826	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.94608	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.41912	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01052514	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.496692	1Mtr.

7	R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	1.7235	Cum
i)	BRM340 : Cement	3.4733	5.98623255	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.775575	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.62046	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.93069	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.023008725	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.085805	1Mtr.

8	R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	2.199	Cum
i)	BRM340 : Cement	3.4733	7.6377867	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.98955	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.79164	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.18746	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	9.7187004	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.091322271	1Cum.

9	R.C.C. Work (AR0404Ad) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.7245	Cum
i)	BRM340 : Cement	3.4733	2.51640585	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.326025	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.26082	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.39123	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	2.73100275	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.05370972075	1Cum.

10	<p>R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	3.4138	Cum
i)	BRM340 : Cement	3.4733	11.85715154	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.53621	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.228968	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.843452	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	21.23929808	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.17143147736	1Cum.

11	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.	-	9	Qntl
i)	BRM162 : Binding Wire.	0.8	7.2	1 Kg.
ii)	BRM341 : Steel	1.05	9.45	1 Qntl.
12	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	23.058	Sqm
i)	BRM340 : Cement	0.1208	2.7854064	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.3896802	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	0.3896802	1 Cum.

13	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	58.596	Sqm
i)	BRM340 : Cement	0.0358	2.0977368	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.87894	1 Cum
14	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.	-	45.068	Sqm
i)	BRM340 : Cement	0.043	1.937924	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.811224	1 Cum

15	<p>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>	-	17.38	Sqm
i)	<p>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)</p>	1	17.38	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	17.38	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	2.38975	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.2607	1 Cum
16	<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>	-	1.932	Qntl
i)	<p>BRM341 : Steel</p>	1	1.932	1 Qntl.

17	Painting(AR0901ai) :.Priming one coat in outer surface with primer of approved quality over woodwork - Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	58.596	Sqm
i)	BRM138 : Wood Primer	0.075	4.3947	1 Litre
18	Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	45.068	Sqm
i)	BRM138 : Wood Primer	0.075	3.3801	1 Litre
19	Painting(AR0918Ai) :.Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	58.596	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	4.3947	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.8052	1 Cum	413.05	2810.88786
2	BRM340	64.43825424	1 Qntl.	545.427	35146.36369536
3	BRM028	13.1144202	1 Cum	743.49	9750.440274498
4	BRM044	3.196032	1 Cum.	1661.86	5311.35773952
5	BRM006	6237	1000 Nos	5.36398	33455.14326

6	BRMMR0025	12.0285	1 Cum	33	396.9405
7	BRM060	3.847968	1 Cum.	2071.83	7972.33554144
8	BRM052	5.771952	1 Cum.	2048.9	11826.1524528
9	BRM104	0.34999733411	1Cum.	58573.086	20500.423950596
10	BRM092	1.582497	1Mtr.	229.106	362.559557682
11	BRM084	30.95799848	1Mtr	250.166	7744.6386477477
12	BRM094	2.73100275	1Mtr.	240.106	655.7301462915
13	BRM162	7.2	1 Kg.	90.1	648.72
14	BRM341	11.382	1 Qntl.	6380.717	72625.320894
15	BRM064	0.3896802	1 Cum.	1458.74	568.442094948
16	BRM131	17.38	1 Sqm.	660.6811111	11482.637710918
17	BRMMR0027	17.38	1 Sqm	8.5	147.73
18	BRM138	7.7748	1 Litre	155.32787	1207.643123676
19	BRM255	4.3947	1 Ltr	195.03787	857.132927289
Total: 223470.60037677					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.8052	1 Cum	156.25	1063.3125
2	BRM028	13.1144202	1 Cum	156.25	2049.12815625
3	BRM044	3.196032	1 Cum.	293.5	938.035392
4	BRM060	3.847968	1 Cum.	293.5	1129.378608
5	BRM052	5.771952	1 Cum.	293.5	1694.067912
6	BRM064	0.3896802	1 Cum.	293.5	114.3711387
Total: 6988.29370695					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000
2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 327	Rs. 327
Total Addition Component Amount (in Rs.): 7327		

Total Net Amount (in Rs.): 399999.73706029