

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Bargarh	Gram Panchayat	Dhanger

Work Code	OD/347/3312/116377/380634/00016498 (Improvement/Completion Of Shiba Kalyan Mandap At Ruhunia)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Bargarh	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Kalyan Mandap	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	500000

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	12.051	240.77592	2901.59061192
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	22.872375	630.000832	14409.615279816

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>	Cum	9.24425	5351.98853752	49475.120037969
4	<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	27	170.1060998504	4592.8646959608

5	<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	32.4	244.410867984	7918.9121226816
6	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm 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	7.70625	5032.580584136	38782.324126498

7	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Aa) : 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. (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	0.878625	5967.8832445625	5243.5314157537
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8	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	Cum	1.7125	6725.2574908906	11517.00345315
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9	<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 specificaion and direction of Engineer-in charge.</p>	Cum	1.68	6940.63467924	11660.266261123
10	<p style="text-align: center;">Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	8	1174.1051181102	9392.8409448816

11	<p style="text-align: center;">Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</p> <p>- Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	8	13719.967958252	109759.74366602
12	<p style="text-align: center;">Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties -</p> <p>Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	Sqm	58.512	537.51755491832	31451.227173381

13	<p style="text-align: center;">Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	10	66.11897407151	661.1897407151
14	<p style="text-align: center;">Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality oil-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	59.4	68.99284786751	4098.1751633301

15	<p align="center">Painting (AR0918f) : First Floor - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	59.4	91.03530465	5407.49709621
16	<p align="center">Flooring (AR0816d) : Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm 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 kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	42.75	1253.0917516866	53569.672384602

17	<p style="text-align: center;">Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	6.21	5065.910584136	31459.304727485
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18	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	2.4	8940.4576527	21457.09836648
Total Amount (in Rs.): 413757.97726797					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>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>	-	12.051	Cum

	i	Un-Skilled	0.516	6.218316	-
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.	-	22.872375	Cum
	i	Un-Skilled	0.1236	2.82702555	-
3		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.	-	9.24425	Cum
	i	Skilled	0.18	1.663965	-
	ii	Un-Skilled	3.9	36.052575	-

4	<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>	-	27	Sqm
i	Un-Skilled	0.12	3.24	-
ii	Skilled	0.14	3.78	-
5	<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>	-	32.4	Sqm
i	Un-Skilled	0.24	7.776	-
ii	Skilled	0.16	5.184	-

6	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	7.70625	Cum
i	Un-Skilled	2.96	22.8105	-
ii	Skilled	1.05	8.0915625	-
iii	Highly-Skilled	0.35	2.6971875	-

7	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.)	-	0.878625	Cum
i	Un-Skilled	1.3333	1.1714707125	-
ii	Skilled	0.175	0.153759375	-
iii	Semi-Skilled	0.1323	0.1162420875	-

8	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)	-	1.7125	Cum
i	Un-Skilled	1.3333	2.28327625	-
ii	Skilled	0.35	0.599375	-
iii	Semi-Skilled	0.3073	0.52625125	-

9	<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>	-	1.68	Cum
i	Un-Skilled	4.6	7.728	-
ii	Skilled	0.68	1.1424	-
10	<p>Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	8	Qntl
i	Un-Skilled	0.33464566929134	2.6771653543307	-
ii	Semi-Skilled	1.9685039370079	15.748031496063	-

11	Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in- Charge.	-	8	Qntl
i	Un-Skilled	4.9212598425197	39.370078740157	-
ii	Semi-Skilled	1.9685039370079	15.748031496063	-
iii	Skilled	4.4291338582677	35.433070866142	-
12	Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	58.512	Sqm
i	Un-Skilled	0.21505376344086	12.583225806452	-
ii	Highly-Skilled	0.16129032258065	9.4374193548387	-

13	<p>Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	10	Sqm
i	Highly-Skilled	0.053763440860215	0.53763440860215	-
ii	Un-Skilled	0.053763440860215	0.53763440860215	-
14	<p>Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality oil-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>	-	59.4	Sqm
i	Highly-Skilled	0.053763440860215	3.1935483870968	-
ii	Un-Skilled	0.053763440860215	3.1935483870968	-

15	Painting (AR0918f) : First Floor - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	59.4	Sqm
i	Un-Skilled	0.0672	3.99168	-
ii	Highly-Skilled	0.0567	3.36798	-
16	Flooring (AR0816d) : Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm 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 kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	42.75	Sqm
i	Un-Skilled	0.216	9.234	-
ii	Highly-Skilled	0.216	9.234	-

	iii	Semi-Skilled	0.55	23.5125	-
17		Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	6.21	Cum
	i	Un-Skilled	2.96	18.3816	-
	ii	Skilled	1.05	6.5205	-
	iii	Highly-Skilled	0.35	2.1735	-

18	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.	-	2.4	Qntl
i	Un-Skilled	0.8	1.92	-
ii	Highly-Skilled	0.3	0.72	-
iii	Semi-Skilled	0.044	0.1056	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	181.99609620914	462	84082.196448622
2	Skilled	62.568632741142	562	35163.571600522
3	Highly-Skilled	31.361269650538	612	19193.097026129
4	Semi-Skilled	55.756656329626	512	28547.408040769
Total:				166986.27311604

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>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>	-	12.051	Cum
2	<p>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>	-	22.872375	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	22.872375	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>	-	9.24425	Cum
i)	<p>BRM340 : Cement</p>	2.29	21.1693325	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	4.43724	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.87448	1 Cum.
4	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.	-	27	Sqm
i)	BRM340 : Cement	0.0358	0.9666	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.405	1 Cum
5	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.	-	32.4	Sqm
i)	BRM340 : Cement	0.043	1.3932	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.5832	1 Cum

6	<p>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</p> <p>- Brickwork with Flyash Bricks of size (25cm x 12cm 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>	-	7.70625	Cum
i)	BRM340 : Cement	0.672	5.1786	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.15775	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	2697.1875	1000 Nos

7	<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>	-	0.878625	Cum
i)	BRM340 : Cement	3.4733	3.0517282125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.39538125	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	0.316305	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	0.4744575	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.003518893125	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.166060125	1Mtr.

8	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)	-	1.7125	Cum
i)	BRM340 : Cement	3.4733	5.94802625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.770625	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	0.6165	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	0.92475	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.022861875	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.078875	1Mtr.

9	<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>	-	1.68	Cum
i)	BRM340 : Cement	3.23	5.4264	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.756	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	1.512	1 Cum.
10	<p>Iron Work(AR1701) :.Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	8	Qntl
11	<p>Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	8	Qntl
i)	BRM341 : Steel	1	8	1 Qntl.

12	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	58.512	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	58.512	1 Sqm.
13	Painting(AR0901bi) :.Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	10	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.54	1 Litre
14	Painting(AR0901c) :.Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality oil-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.	-	59.4	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	4.9896	1 Ltr

15	Painting(AR0918f) : First Floor - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	59.4	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	7.425	1 Ltr
16	Flooring (AR0816d) : Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm 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 kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	42.75	Sqm
i)	BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	1	42.75	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	42.75	1 Sqm
iii)	BRM340 : Cement	0.2737	11.700675	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.55575	1 Cum

17	<p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	6.21	Cum
i)	<p>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</p>	1	6.21	1 Cum
ii)	<p>BRM340 : Cement</p>	0.672	4.17312	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	1.7388	1 Cum
iv)	<p>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %</p>	350	2173.5	1000 Nos

18	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.	-	2.4	Qntl
i)	BRM162 : Binding Wire.	0.8	1.92	1 Kg.
ii)	BRM341 : Steel	1.05	2.52	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.872375	1 Cum	401.41	9181.20004875
2	BRM340	59.0076819625	1 Qntl.	567.292	33474.585915871
3	BRM028	11.79974625	1 Cum	409.04	4826.5682061
4	BRM044	8.87448	1 Cum.	1289.29	11441.7783192
5	BRM005	4870.6875	1000 Nos	6.1539	29973.72380625
6	BRM060	0.932805	1 Cum.	1750.76	1633.1176818
7	BRM052	1.3992075	1 Cum.	1682.65	2354.376499875
8	BRM104	0.026380768125	1Cum.	58620.646	1546.4576694637
9	BRM092	1.244935125	1Mtr.	276.666	344.43122129325
10	BRM056	1.512	1 Cum.	1737.73	2627.44776
11	BRM341	10.52	1 Qntl.	6626.262	69708.27624
12	BRM150	58.512	1 Sqm.	334.1310828	19550.677916794
13	BRM137	0.54	1 Litre	143.00732	77.2239528
14	BRM252	4.9896	1 Ltr	125.80732	627.728203872
15	BRM255	7.425	1 Ltr	195.09732	1448.597601
16	BRM121	42.75	1 Sqm.	511.4375001	21863.953129275
17	BRMMR0027	42.75	1 Sqm	8.5	363.375
18	BRMMR0025	6.21	1 Cum	33	204.93
19	BRM162	1.92	1 Kg.	90.1	172.992

Total: 211421.44117234

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	22.872375	1 Cum	165.25	3779.65996875
2	BRM028	11.79974625	1 Cum	165.25	1949.9080678125
3	BRM044	8.87448	1 Cum.	249.5	2214.18276
4	BRM005	4870.6875	1000 Nos	0.04025	196.045171875
5	BRM060	0.932805	1 Cum.	249.5	232.7348475
6	BRM052	1.3992075	1 Cum.	249.5	349.10227125
7	BRM056	1.512	1 Cum.	249.5	377.244
8	BRM121	42.75	1 Sqm.	3.31	141.5025

Total: 9240.3795871875

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 17242	Rs. 17242
2	Provision for Contingency @ Rs. 3000	Rs. 3000
3	Display Citizen Board @ Rs. 1000	Rs. 1000
4	Any Other Lumpsum @ Rs. 65000	Rs. 65000

Total Addition Component Amount (in Rs.): 86242

Total Net Amount (in Rs.): 499999.97726797