

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Surada	Gram Panchayat	Gouda Gotha

Work Code	OD/354/3385/118029/411087/00064276 (Construction of Kalyan Mandap at Goudagotha)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Surada	Proposal Date	-
Date of Commencement	12-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Kalyan Mandap	Project Type	New Work
Name of Executant	Manas		

Administrative Approval Details

Approval No.	OD/354/3385/118029/411087/00064276/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3385/118029/411087/00064276/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	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	Cum	20.972554752	240.77592	80142.3311472
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.	Cum	126.5109461224	672.986432	80142.3311472

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.	Cum	33.2056459656	5543.10527242	80142.3311472
4	Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, 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.	Cum	21.055806144	4344.6300894798	80142.3311472

5	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.)	Cum	2.258406384	6102.9340035299	80142.3311472
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6	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)	Cum	1.802435112	6859.7561286716	80142.3311472
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7	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)	Cum	8.268788768	14158.68739085	80142.3311472
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8	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)	Cum	2.3000639364	12767.218232061	80142.3311472
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9	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)	Cum	4.3579852866202	12404.81840792	80142.3311472
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10	R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)	Cum	1.317580704	14043.616447137	80142.3311472
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11	Masonry Brick Work (AR0603ei) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. 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.	Cum	45.377211852	5136.504909856	80142.3311472
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 specification and direction of Engineer-in charge. (new work)	Sqm	30.565087	352.6299040284	80142.3311472

13	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.	Qntl	9.5	8436.0348576	80142.3311472
Total Amount (in Rs.): 934884.08094014					

LABOUR STATEMENT

Sl.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	-	20.972554752	Cum

	i	Un-Skilled	0.516	10.821838252032	-
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.	-	126.5109461224	Cum
	i	Un-Skilled	0.1236	15.636752940729	-
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.	-	33.2056459656	Cum
	i	Skilled	0.18	5.977016273808	-
	ii	Un-Skilled	3.9	129.50201926584	-

4	Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, 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.	-	21.055806144	Cum
i	Un-Skilled	3.17	66.74690547648	-
ii	Skilled	1.41	29.68868666304	-
iii	Highly-Skilled	0.35	7.3695321504	-

5	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.)	-	2.258406384	Cum
i	Un-Skilled	1.3333	3.0111332317872	-
ii	Skilled	0.175	0.3952211172	-
iii	Semi-Skilled	0.1323	0.2987871646032	-

6	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)	-	1.802435112	Cum
i	Un-Skilled	1.3333	2.4031867348296	-
ii	Skilled	0.35	0.6308522892	-
iii	Semi-Skilled	0.3073	0.5538883099176	-

7	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)	-	8.268788768	Cum
i	Un-Skilled	1.3333	11.024776064374	-
ii	Skilled	5.33875	44.14499603516	-
iii	Semi-Skilled	5.29605	43.791918754766	-

8	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)	-	2.3000639364	Cum
i	Un-Skilled	1.3333	3.0666752464021	-
ii	Skilled	2.34375	5.3907748509375	-
iii	Semi-Skilled	2.30105	5.2925621208532	-

9	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)	-	4.3579852866202	Cum
i	Un-Skilled	1.3333	5.8105017826507	-
ii	Skilled	3.15525	13.750533075608	-
iii	Semi-Skilled	3.11255	13.56444710387	-

10	R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)	-	1.317580704	Cum
i	Un-Skilled	1.3333	1.7567303526432	-
ii	Skilled	5.05	6.6537825552	-
iii	Semi-Skilled	5.0073	6.5975218591392	-

11	Masonry Brick Work (AR0603ei) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. 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.	-	45.377211852	Cum
i	Un-Skilled	3.1	140.6693567412	-
ii	Skilled	1.05	47.6460724446	-
iii	Highly-Skilled	0.35	15.8820241482	-
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)	-	30.565087	Sqm

	i	Un-Skilled	0.36	11.00343132	-
	ii	Highly-Skilled	0.1	3.0565087	-
13		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.	-	9.5	Qntl
	i	Un-Skilled	0.8	7.6	-
	ii	Highly-Skilled	0.3	2.85	-
	iii	Semi-Skilled	0.044	0.418	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	409.05330740897	462	188982.62802294
1	Skilled	154.27793530475	562	86704.199641272
2	Highly-Skilled	29.1580649986	612	17844.735779143

3	Semi-Skilled	70.517125313149	512	36104.768160332
				Total: 329636.33160369

MATERIAL STATEMENT

Sl.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	-	20.972554752	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.	-	126.5109461224	Cum
i)	BRM029 : Sand for filling and road blinding	1	126.5109461224	1 Cum

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.	-	33.2056459656	Cum
i)	BRM340 : Cement	2.29	76.040929261224	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	15.938710063488	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	31.877420126976	1 Cum.
4	Masonry Stone Work (AR0703) ∴.Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, 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.	-	21.055806144	Cum
i)	BRM340 : Cement	0.8151	17.162587587974	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.34	7.15897408896	1 Cum
iii)	BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	21.055806144	1 Cum.

5	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.)	-	2.258406384	Cum
i)	BRM340 : Cement	3.4733	7.8441228935472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.0162828728	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	0.81302629824	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	1.21953944736	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.00904491756792	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.426838806576	1Mtr.

6	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)	-	1.802435112	Cum
i)	BRM340 : Cement	3.4733	6.2603978745096	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.8110958004	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	0.64887664032	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	0.97331496048	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0240625087452	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.13553412056	1Mtr.

7	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)	-	8.268788768	Cum
i)	BRM340 : Cement	3.4733	28.719984027894	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.7209549456	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	2.97676395648	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	4.46514593472	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	36.544738839053	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.34339452874627	1Cum.

8	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)	-	2.3000639364	Cum
i)	BRM340 : Cement	3.4733	7.9888120702981	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.03502877138	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	0.828023017104	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	1.242034525656	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	8.6700910082598	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.17051178982911	1Cum.

9	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)	-	4.3579852866202	Cum
i)	BRM340 : Cement	3.4733	15.136590296018	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.9610933789791	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	1.5688747031833	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	2.3533120547749	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	27.113641259236	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.21884581873526	1Cum.

10	R.C.C. Work (AR0404Ae) :.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 Stairs excluding landing but including railing)	-	1.317580704	Cum
i)	BRM340 : Cement	3.4733	4.5763530592032	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.5929113168	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	0.47432905344	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	0.71149358016	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	1.17	1.54156942368	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.06332292863424	1Cum.

11	Masonry Brick Work (AR0603ei) :C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. 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.	-	45.377211852	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	45.377211852	1 Cum
ii)	BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	400	18150.8847408	1000 Nos
iii)	BRM340 : Cement	0.672	30.493486364544	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	12.70561931856	1 Cum
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 specificaion and direction of Engineer-in charge. (new work)	-	30.565087	Sqm

i)	BRM340 : Cement	0.1208	3.6922625096	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.5165499703	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	0.5165499703	1 Cum.
13	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.	-	9.5	Qntl
i)	BRM162 : Binding Wire.	0.8	7.6	1 Kg.
ii)	BRM341 : Steel	1.05	9.975	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	126.5109461224	1 Cum	403.97	51106.626905066
2	BRM340	197.91552594481	1 Qntl.	598.442	118440.96317747
3	BRM028	45.457220527267	1 Cum	407.34	18516.544209577
4	BRM044	31.877420126976	1 Cum.	1466.56	46750.149261418
5	BRM034	21.055806144	1 Cum.	760.59	16014.835595065
6	BRM060	7.3098936687673	1 Cum.	1879.08	13735.874995107
7	BRM052	10.964840503151	1 Cum.	1853.6	20324.428356641
8	BRM104	0.82918249225801	1Cum.	58573.086	48567.777428722
9	BRM092	1.562372927136	1Mtr.	229.106	357.94901184442
10	BRM084	63.658380098289	1Mtr	250.166	15925.162315669
11	BRM094	10.21166043194	1Mtr.	240.106	2451.8809396713
12	BRMMR0025	45.377211852	1 Cum	33	1497.447991116

13	BRM002	18150.8847408	1000 Nos	5.39425	97910.41001306
14	BRM064	0.5165499703	1 Cum.	1285.22	663.88035282897
15	BRM162	7.6	1 Kg.	90.1	684.76
16	BRM341	9.975	1 Qntl.	6223.172	62076.1407
Total: 515024.83125325					

ROYALTY STATEMENT

Sl.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	-	20.972554752	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.	-	126.5109461224	Cum
i)	BRM029 : Sand for filling and road blinding	1	126.5109461224	1 Cum

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.	-	33.2056459656	Cum
i)	BRM340 : Cement	2.29	76.040929261224	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	15.938710063488	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	31.877420126976	1 Cum.
4	Masonry Stone Work (AR0703) ∴.Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, 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.	-	21.055806144	Cum
i)	BRM340 : Cement	0.8151	17.162587587974	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.34	7.15897408896	1 Cum
iii)	BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	21.055806144	1 Cum.

5	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.)	-	2.258406384	Cum
i)	BRM340 : Cement	3.4733	7.8441228935472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.0162828728	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	0.81302629824	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	1.21953944736	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.00904491756792	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.002079992279664	1Mtr.

6	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)	-	1.802435112	Cum
i)	BRM340 : Cement	3.4733	6.2603978745096	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.8110958004	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	0.64887664032	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	0.97331496048	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0240625087452	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.00553347579384	1Mtr.

7	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)	-	8.268788768	Cum
i)	BRM340 : Cement	3.4733	28.719984027894	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.7209549456	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	2.97676395648	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	4.46514593472	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.37489861395235	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.34339452874627	1Cum.

8	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)	-	2.3000639364	Cum
i)	BRM340 : Cement	3.4733	7.9888120702981	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.03502877138	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	0.828023017104	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	1.242034525656	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.049542	0.11394976753713	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.17051178982911	1Cum.

9	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)	-	4.3579852866202	Cum
i)	BRM340 : Cement	3.4733	15.136590296018	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.9610933789791	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	1.5688747031833	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	2.3533120547749	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.33407879408702	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.21884581873526	1Cum.

10	R.C.C. Work (AR0404Ae) :.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 Stairs excluding landing but including railing)	-	1.317580704	Cum
i)	BRM340 : Cement	3.4733	4.5763530592032	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.5929113168	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	0.47432905344	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	0.71149358016	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.01494	0.01968465571776	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.06332292863424	1Cum.

11	Masonry Brick Work (AR0603ei) :C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. 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.	-	45.377211852	Cum
i)	BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm ² with dimensional tolerance ± 8 percent.	400	18150.8847408	1000 Nos
ii)	BRM340 : Cement	0.672	30.493486364544	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	12.70561931856	1 Cum
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 specificaion and direction of Engineer-in charge. (new work)	-	30.565087	Sqm
i)	BRM340 : Cement	0.1208	3.6922625096	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.5165499703	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	0.5165499703	1 Cum.
13	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.	-	9.5	Qntl
i)	BRM341 : Steel	1.05	9.975	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	126.5109461224	1 Cum	205.25	25966.371691623
2	BRM028	45.457220527267	1 Cum	205.25	9330.0945132216
3	BRM044	31.877420126976	1 Cum.	290.5	9260.3905468865
4	BRM034	21.055806144	1 Cum.	290.5	6116.711684832
5	BRM060	7.3098936687673	1 Cum.	290.5	2123.5241107769
6	BRM052	10.964840503151	1 Cum.	290.5	3185.2861661653
7	BRM002	18150.8847408	1000 Nos	0.04025	730.5731108172
8	BRM064	0.5165499703	1 Cum.	290.5	150.05776637215
Total: 56863.009590694					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 10000	Rs. 10000
2	Display Citizen Board @ Rs. 5000	Rs. 5000

3	Any Other Lumpsum @ Rs. 50115.9	Rs. 50115.9
Total Addition Component Amount (in Rs.): 65115.9		

Total Net Amount (in Rs.): 999999.98094014