

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Chikiti	Gram Panchayat	Kotilingi

Work Code	OD/354/3370/117698/413098/00018132 (Construction Of Radha Krushna Kalyan Mandap At Kotilingi)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chikiti	Proposal Date	18-07-2024
Date of Commencement	21-09-2025	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	RASMITA KUMARI DAS		

Administrative Approval Details

Approval No.	OD/354/3370/117698/413098/00018132/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3370/117698/413098/00018132/TS
Fund Sanction No.	32
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	30.230775	Cum
i	Un-Skilled	0.1236	3.73652379	-

2	<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>	-	9.932825	Cum
i	Skilled	0.18	1.7879085	-
ii	Un-Skilled	3.9	38.7380175	-
3	<p>R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	19.894915	Cum

	i	Un-Skilled	1.3333	26.5258901695	-
	ii	Skilled	0.1	1.9894915	-
	iii	Semi-Skilled	0.0573	1.1399786295	-
4		Earth Work (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge	-	33.0075	Cum
	i	Un-Skilled	0.5682408	18.756208206	-
5		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/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.	-	2.885925	Cum

	i	Un-Skilled	2.96	8.542338	-
	ii	Skilled	1.05	3.03022125	-
	iii	Highly-Skilled	0.35	1.01007375	-
6		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.	-	15.64805	Cum
	i	Un-Skilled	2.96	46.318228	-
	ii	Skilled	1.05	16.4304525	-
	iii	Highly-Skilled	0.35	5.4768175	-

7	<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>	-	149.4375	Sqm
i	Un-Skilled	0.12	17.9325	-
ii	Skilled	0.14	20.92125	-
8	<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>	-	111.424	Sqm
i	Un-Skilled	0.24	26.74176	-
ii	Skilled	0.16	17.82784	-

9	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.	-	20	Qntl
i	Un-Skilled	0.8	16	-
ii	Highly-Skilled	0.3	6	-
iii	Semi-Skilled	0.044	0.88	-

10	<p>Flooring (AR0817ab) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) 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 Coloured /Printed series(Homogeneous) 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>	-	59.774	Sqm
i	Highly-Skilled	0.325	19.42655	-
ii	Un-Skilled	0.325	19.42655	-
iii	Semi-Skilled	0.76	45.42824	-

11	<p>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	10.38	Sqm
i	Un-Skilled	1.3888888888889	14.416666666667	-
ii	Semi-Skilled	1.0648148148148	11.052777777778	-
iii	Skilled	0.7777777777778	8.0733333333333	-
iv	Highly-Skilled	0.19444444444444	2.0183333333333	-
v		0.46296296296296	4.8055555555556	-

12	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.	-	0.1038	Qntl
i	Un-Skilled	6.3976377952756	0.66407480314961	-
ii	Semi-Skilled	1.9685039370079	0.20433070866142	-
iii	Skilled	3.9370078740157	0.40866141732283	-
iv	Highly-Skilled	3.4448818897638	0.35757874015748	-
13	R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	16.491	Sqm
i	Semi-Skilled	0.05	0.82455	-

	ii	Skilled	0.05	0.82455	-
14		R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	-	54.5445	Sqm
	i	Semi-Skilled	0.6547619047619	35.713660714286	-
	ii	Skilled	0.6547619047619	35.713660714286	-
15		R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm	-	4.425	Sqm
	i	Semi-Skilled	0.16025641025641	0.70913461538462	-
	ii	Skilled	0.16025641025641	0.70913461538462	-

16	<p>R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</p>	-	78.925	Sqm
i	Semi-Skilled	0.305555555555556	24.1159722222222	-
ii	Skilled	0.305555555555556	24.1159722222222	-
17	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	225.85	Sqm
i	Highly-Skilled	0.052	11.7442	-
ii	Un-Skilled	0.062	14.0027	-

18	Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	225.85	Sqm
i	Highly-Skilled	0.053763440860215	12.14247311828	-
ii	Un-Skilled	0.053763440860215	12.14247311828	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	263.9439302536	462	121942.09577716
1	Skilled	131.83247605255	562	74089.851541532
2	Semi-Skilled	120.06864466783	512	61475.14606993
3	Highly-Skilled	58.17602644177	612	35603.728182363
4		4.80555555555556	50	240.27777777778
Total:				293351.09934876