

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Surada	Gram Panchayat	Gochha

Work Code	OD/354/3385/118027/410808/00064281 (Reno of Kandhunidevi Mandir at Dabik)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Surada	Proposal Date	-
Date of Commencement	04-12-2025	Date of Completion	-
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Chief Minister Special Assistance (CM-SA)
Project Sub-Category	Community Centre	Project Type	Renovation or Rejuvenation
Name of Executant	Narahari Mundia		

Administrative Approval Details

Approval No.	OD/354/3385/118027/410808/00064281/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3385/118027/410808/00064281/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	450000

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 -</p> <p>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>	-	7.328604	Cum

	i	Un-Skilled	0.516	3.781559664	-
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.	-	4.32054	Cum
	i	Un-Skilled	0.1236	0.534018744	-
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.	-	3.96039	Cum
	i	Skilled	0.18	0.7128702	-
	ii	Un-Skilled	3.9	15.445521	-

4	<p>Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	-	6.078072	Cum
i	Un-Skilled	1.21	7.35446712	-
ii	Skilled	1.05	6.3819756	-
iii	Highly-Skilled	2.295	13.94917524	-
iv	Semi-Skilled	1.41	8.57008152	-
5	<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>	-	0.553392	Cum
i	Un-Skilled	4.6	2.5456032	-

	ii	Skilled	0.68	0.37630656	-
6		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)	-	3.284746	Cum
	i	Un-Skilled	1.3333	4.3795518418	-
	ii	Skilled	0.1	0.3284746	-
	iii	Semi-Skilled	0.0573	0.1882159458	-

7	<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>	-	3.3	Qntl
i	Un-Skilled	0.8	2.64	-
ii	Highly-Skilled	0.3	0.99	-
iii	Semi-Skilled	0.044	0.1452	-
8	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	6.6332	Sqm
i	Semi-Skilled	0.05	0.33166	-

	ii	Skilled	0.05	0.33166	-
9		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	-	4.326	Sqm
	i	Semi-Skilled	0.16025641025641	0.69326923076923	-
	ii	Skilled	0.16025641025641	0.69326923076923	-
10		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	-	2.2638	Sqm
	i	Semi-Skilled	0.6547619047619	1.48225	-
	ii	Skilled	0.6547619047619	1.48225	-

11	<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>	-	19.6618	Sqm
i	Semi-Skilled	0.305555555555556	6.00777222222222	-
ii	Skilled	0.305555555555556	6.00777222222222	-
12	<p>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/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>	-	14.133689	Cum
i	Un-Skilled	3.1	43.8144359	-

	ii	Skilled	1.05	14.84037345	-
	iii	Highly-Skilled	0.35	4.94679115	-
13		Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	10.8003	Sqm
	i	Un-Skilled	0.36	3.888108	-
	ii	Highly-Skilled	0.13	1.404039	-
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.	-	105.0323	Sqm
	i	Un-Skilled	0.24	25.207752	-
	ii	Skilled	0.16	16.805168	-

15	<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>	-	64.3595	Sqm
i	Un-Skilled	0.12	7.72314	-
ii	Skilled	0.14	9.01033	-
16	<p>Painting (AR0922b) : Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	67.8266	Sqm
i	Highly-Skilled	0.10576344086022	7.1735745978495	-
ii	Un-Skilled	0.11576344086022	7.8518405978495	-

17	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	64.3595	Sqm
i	Un-Skilled	0.11776344086022	7.579196172043	-
ii	Highly-Skilled	0.10776344086022	6.935601172043	-
18	Painting (AR0917h) : Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work (Outside) - Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer 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)	-	246.7679	Sqm
i	Highly-Skilled	0.089763440860215	22.150735797849	-
ii	Un-Skilled	0.096763440860215	23.878111097849	-

19	<p>Painting (AR0919b) : Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge..(Inside)</p>	-	241.2719	Sqm
i	Un-Skilled	0.096763440860215	23.346299226882	-
ii	Highly-Skilled	0.089763440860215	21.657395926882	-
20	<p>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	96	Sqm
i	Highly-Skilled	0.054	5.184	-
ii	Un-Skilled	0.064	6.144	-

21	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.	-	1.00330006	Qntl
i	Un-Skilled	6.3976377952756	6.4187503838583	-
ii	Semi-Skilled	1.9685039370079	1.9750001181102	-
iii	Skilled	3.9370078740157	3.9500002362205	-
iv	Highly-Skilled	3.4448818897638	3.4562502066929	-
22	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	24.131025	Sqm
i	Highly-Skilled	0.18817204301075	4.5407842741935	-
ii	Un-Skilled	0.17204301075269	4.1515741935484	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	196.68392914183	462	90867.975263526
1	Skilled	60.920450099212	562	34237.292955757
2	Highly-Skilled	92.38834736551	612	56541.668587692
3	Semi-Skilled	19.393449036902	512	9929.4459068937
				Total: 191576.38271387