

ESTIMATION DPR							
State	Odisha	District	Sundargarh	Block	Koida	Gram Panchayat	Soyamba

Work Code	OD/373/3579/121621/384695/00061036 (Construction of Market Complex at Badbalijore at soyamba GP)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Koida	Proposal Date	02-01-2025
Date of Commencement	15-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Market Complex	Project Type	New Work
Name of Executant	SANJAY KUMAR NAYAK		

Administrative Approval Details

Approval No.	OD/373/3579/121621/384695/00061036/AS
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Technical Sanction Details

Technical Sanction No.	OD/373/3579/121621/384695/00061036/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 (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	-	36.843	Cum

	i	Un-Skilled	0.516	19.010988	-
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.	-	30.263625	Cum
	i	Un-Skilled	0.1236	3.74058405	-
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.	-	10.76825	Cum
	i	Skilled	0.18	1.938285	-
	ii	Un-Skilled	3.9	41.996175	-

4	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.	-	13.47376	Cum
i	Un-Skilled	2.96	39.8823296	-
ii	Skilled	1.05	14.147448	-
iii	Highly-Skilled	0.35	4.715816	-

5	<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	21.932225	Cum
i	Un-Skilled	2.96	64.919386	-
ii	Skilled	1.05	23.02883625	-
iii	Highly-Skilled	0.35	7.67627875	-

6	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	22.9604565	Cum
i	Un-Skilled	1.3333	30.61317665145	-
ii	Skilled	0.175	4.0180798875	-
iii	Semi-Skilled	0.1323	3.03766839495	-

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>	-	22.15	Qntl
i	Un-Skilled	0.8	17.72	-
ii	Highly-Skilled	0.3	6.645	-
iii	Semi-Skilled	0.044	0.9746	-
8	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</p>	-	65.8168	Sqm
i	Un-Skilled	0.36	23.694048	-

	ii	Highly-Skilled	0.1	6.58168	-
9		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	-	61.832	Sqm
	i	Semi-Skilled	0.05	3.0916	-
	ii	Skilled	0.05	3.0916	-
10		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	-	17.1045	Sqm
	i	Semi-Skilled	0.16025641025641	2.7411057692308	-
	ii	Skilled	0.16025641025641	2.7411057692308	-

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>	-	75.24655	Sqm
i	Semi-Skilled	0.305555555555556	22.992001388889	-
ii	Skilled	0.305555555555556	22.992001388889	-
12	<p>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</p>	-	50.328	Sqm
i	Semi-Skilled	0.6547619047619	32.952857142857	-
ii	Skilled	0.6547619047619	32.952857142857	-

13	Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	168.1465	Sqm
i	Un-Skilled	0.12	20.17758	-
ii	Skilled	0.14	23.54051	-
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.	-	164.663	Sqm
i	Un-Skilled	0.24	39.51912	-
ii	Skilled	0.16	26.34608	-

15	<p>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.</p>	-	50.1225	Sqm
i	Un-Skilled	0.36	18.0441	-
ii	Highly-Skilled	0.13	6.515925	-
16	<p>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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>	-	332.81	Sqm
i	Un-Skilled	0.042752688172043	14.228522150538	-
ii	Highly-Skilled	0.022	7.32182	-
iii	Skilled	0.0080645161290323	2.6839516129032	-

17	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	332.81	Sqm
i	Un-Skilled	0.11776344086022	39.192850752688	-
ii	Highly-Skilled	0.10776344086022	35.864750752688	-
18	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.	-	3.79	Qntl
i	Un-Skilled	6.3976377952756	24.247047244094	-
ii	Semi-Skilled	1.9685039370079	7.4606299212598	-
iii	Skilled	3.9370078740157	14.92125984252	-
iv	Highly-Skilled	3.4448818897638	13.056102362205	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	396.98590744877	462	183407.48924133
1	Skilled	172.4020148939	562	96889.932370372
2	Highly-Skilled	88.377372864893	612	54086.952193314
3	Semi-Skilled	73.250462617187	512	37504.23686
				Total: 371888.61066502