

ESTIMATION DPR							
State	Odisha	District	Sundargarh	Block	Balisankara	Gram Panchayat	Deobhubanpur

Work Code	OD/373/3573/121525/383936/00049747 (CONSTRUCTION OF MARKET COMPLEX AT DEOBHUBANPUR SAYHAT)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Balisankara	Proposal Date	-
Date of Commencement	17-10-2025	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	Kishor Kanti Chouhan		

Administrative Approval Details

Approval No.	OD/373/3573/121525/383936/00049747/AS
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Technical Sanction Details

Technical Sanction No.	OD/373/3573/121525/383936/00049747/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

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	-	42.246675	Cum

	i	Un-Skilled	0.516	21.7992843	-
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.	-	20.892825	Cum
	i	Un-Skilled	0.1236	2.58235317	-
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.	-	11.72025	Cum
	i	Skilled	0.18	2.109645	-
	ii	Un-Skilled	3.9	45.708975	-

4	<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>	-	0.43605	Cum
i	Un-Skilled	4.6	2.00583	-
ii	Skilled	0.68	0.296514	-
5	<p>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/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>	-	17.7388375	Cum
i	Un-Skilled	2.96	52.506959	-

	ii	Skilled	1.05	18.625779375	-
	iii	Highly-Skilled	0.35	6.208593125	-
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.	-	19.73469	Cum
	i	Un-Skilled	2.96	58.4146824	-
	ii	Skilled	1.05	20.7214245	-
	iii	Highly-Skilled	0.35	6.9071415	-

7	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.	-	22.5625	Qntl
i	Un-Skilled	0.8	18.05	-
ii	Highly-Skilled	0.3	6.76875	-
iii	Semi-Skilled	0.044	0.99275	-

8	<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>	-	23.7576925	Cum
i	Un-Skilled	1.3333	31.67613141025	-
ii	Skilled	0.1	2.37576925	-
iii	Semi-Skilled	0.0573	1.36131578025	-
9	<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>	-	16.2	Sqm

	i	Semi-Skilled	0.05	0.81	-
	ii	Skilled	0.05	0.81	-
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	-	31.464	Sqm
	i	Semi-Skilled	0.6547619047619	20.601428571429	-
	ii	Skilled	0.6547619047619	20.601428571429	-
11		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	-	28.794	Sqm
	i	Semi-Skilled	0.16025641025641	4.6144230769231	-

	ii	Skilled	0.16025641025641	4.6144230769231	-
12		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	-	52.2023	Sqm
	i	Semi-Skilled	0.305555555555556	15.950702777778	-
	ii	Skilled	0.305555555555556	15.950702777778	-
13		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.	-	83.376	Sqm
	i	Un-Skilled	0.12	10.00512	-
	ii	Skilled	0.14	11.67264	-

14	<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>	-	101.52	Sqm
i	Un-Skilled	0.24	24.3648	-
ii	Skilled	0.16	16.2432	-
15	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in- charge(for new work only)</p>	-	49.842	Sqm
i	Un-Skilled	0.216	10.765872	-
ii	Highly-Skilled	0.216	10.765872	-

16	<p>Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</p> <p>Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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>	-	4.929	Sqm	
	i	Highly-Skilled	0.325	1.601925	-
	ii	Un-Skilled	0.325	1.601925	-
	iii	Semi-Skilled	0.76	3.74604	-
17	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</p> <p>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.</p>	-	234.72	Sqm	

	i	Highly-Skilled	0.053763440860215	12.61935483871	-
	ii	Un-Skilled	0.053763440860215	12.61935483871	-
18		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)	-	151.35	Sqm
	i	Highly-Skilled	0.052	7.8702	-
	ii	Un-Skilled	0.062	9.3837	-
19		Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	38.88	Sqm
	i	Highly-Skilled	0.13440860215054	5.2258064516129	-
	ii	Un-Skilled	0.11827956989247	4.5987096774194	-

20	<p>miscellaneous (ARM106) : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.</p>	-	17.28	Sqm
21	<p>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.</p>	-	3.6	Qntl
i	Un-Skilled	6.3976377952756	23.031496062992	-
ii	Semi-Skilled	1.9685039370079	7.0866141732283	-
iii	Skilled	3.9370078740157	14.173228346457	-
iv	Highly-Skilled	3.4448818897638	12.40157480315	-

22	Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	83.37	Sqm
i	Un-Skilled	0.043	3.58491	-
ii	Highly-Skilled	0.036	3.00132	-
23	Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.	-	150.938	Sqm
i	Un-Skilled	0.057	8.603466	-
ii	Skilled	0.05	7.5469	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	341.30356885937	462	157682.24881303
1	Skilled	135.74165489759	562	76286.810052443

2	Highly-Skilled	73.370537718472	612	44902.769083705
3	Semi-Skilled	55.163274379608	512	28243.596482359
				Total: 307115.42443154