

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Bamra	Gram Panchayat	Mahulpali

Work Code	OD/371/3558/121287/381409/00022878 (Construction of market complex at Mahulpali Bridge Chowk, Mahulpali)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Bamra	Proposal Date	20-07-2024
Date of Commencement	07-10-2025	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	padmabamra		

Administrative Approval Details

Approval No.	OD/371/3558/121287/381409/00022878/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3558/121287/381409/00022878/TS
Fund Sanction No.	32
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	36.96616656	Cum

	i	Un-Skilled	0.516	19.07454194496	-
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.	-	65.40718669824	Cum
	i	Un-Skilled	0.1236	8.0843282759025	-
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.	-	8.94216793536	Cum
	i	Skilled	0.18	1.6095902283648	-
	ii	Un-Skilled	3.9	34.874454947904	-

4	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)	-	21.0832451232	Cum
i	Un-Skilled	1.3333	28.110290722763	-
ii	Skilled	0.1	2.10832451232	-
iii	Semi-Skilled	0.0573	1.2080699455594	-

5	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm 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.	-	19.684894258483	Cum
i	Un-Skilled	2.96	58.26728700511	-
ii	Skilled	1.05	20.669138971407	-
iii	Highly-Skilled	0.35	6.889712990469	-

6	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm 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.	-	19.605702816	Cum
i	Un-Skilled	2.96	58.03288033536	-
ii	Skilled	1.05	20.5859879568	-
iii	Highly-Skilled	0.35	6.8619959856	-
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.	-	21	Qntl

i	Un-Skilled	0.8	16.8	-
ii	Highly-Skilled	0.3	6.3	-
iii	Semi-Skilled	0.044	0.924	-
8	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	-	52.8724351032	Sqm
i	Semi-Skilled	0.05	2.64362175516	-
ii	Skilled	0.05	2.64362175516	-
9	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, girder and bressmer, etc. Data for 4.2sqm	-	46.56669972	Sqm

	i	Semi-Skilled	0.6547619047619	30.490101007143	-
	ii	Skilled	0.6547619047619	30.490101007143	-
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	-	17.5579980984	Sqm
	i	Semi-Skilled	0.16025641025641	2.8137817465385	-
	ii	Skilled	0.16025641025641	2.8137817465385	-
11		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	-	66.44979978	Sqm
	i	Semi-Skilled	0.305555555555556	20.304105488333	-

	ii	Skilled	0.305555555555556	20.304105488333	-
12		Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 20mm thick cement Plaster in CM (1:4) over stone 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.	-	49.6924768968	Sqm
	i	Un-Skilled	0.24	11.926194455232	-
	ii	Skilled	0.16	7.950796303488	-
13		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.	-	138.2582446	Sqm
	i	Un-Skilled	0.24	33.181978704	-
	ii	Skilled	0.16	22.121319136	-

14		Plastering (AR1004) : Fifth Floor - 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.	-	70.9407308	Sqm
	i	Un-Skilled	0.139112888916	9.8687700034003	-
	ii	Skilled	0.162298370402	11.513565003967	-
15		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)	-	138.2582446	Sqm
	i	Highly-Skilled	0.052	7.1894287192	-
	ii	Un-Skilled	0.062	8.5720111652	-

16	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.	-	70.9407308	Sqm
i	Highly-Skilled	0.053763440860215	3.8140177849462	-
ii	Un-Skilled	0.053763440860215	3.8140177849462	-
17	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.	-	70.9407308	Sqm
i	Un-Skilled	0.043	3.0504514244	-
ii	Highly-Skilled	0.036	2.5538663088	-

18	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)	-	55.19553036	Sqm
i	Un-Skilled	0.216	11.92223455776	-
ii	Highly-Skilled	0.216	11.92223455776	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	305.57944132694	462	141177.70189305
1	Skilled	142.81033210952	562	80259.406645551
2	Semi-Skilled	58.383679942734	512	29892.44413068
3	Highly-Skilled	45.531256346775	612	27865.128884226
				Total: 279194.6815535