

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Malkangiri	Gram Panchayat	Jharapalli

Work Code	OD/364/3484/119997/430170/00013433 (Construction of Market Complex at Jharapalli)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Malkangiri	Proposal Date	19-02-2024
Date of Commencement	14-12-2024	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	Er. MANISHA PUJARI		

Administrative Approval Details

Approval No.	OD/364/3484/119997/430170/00013433/AS
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Technical Sanction Details

Technical Sanction No.	OD/364/3484/119997/430170/00013433/TS
Fund Sanction No.	12821
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Earth Work (AR0122Ai1) : Earthwork in all kinds of soil within 50m to 75m 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 - Earthwork in all kinds of soil within 50m to 75m 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.</p>	-	29.826	Cum
i	Un-Skilled	0.503534	15.018405084	-
2	<p>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.</p>	-	22.6845	Cum
i	Un-Skilled	0.1236	2.8038042	-

3	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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>	-	39.554175	Cum
i	Un-Skilled	3.9	154.2612825	-
ii	Skilled	0.18	7.1197515	-
4	<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>	-	24.47424	Cum

	i	Un-Skilled	1.3333	32.631504192	-
	ii	Skilled	0.1	2.447424	-
	iii	Semi-Skilled	0.0573	1.402373952	-
5		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.	-	24	Qntl
	i	Un-Skilled	0.8	19.2	-
	ii	Highly-Skilled	0.3	7.2	-
	iii	Semi-Skilled	0.044	1.056	-

6	<p>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/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>	-	22.750105	Cum
i	Un-Skilled	2.82	64.1552961	-
ii	Skilled	1.05	23.88761025	-
iii	Highly-Skilled	0.35	7.96253675	-
7	<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>	-	158.36	Sqm
i	Un-Skilled	0.24	38.0064	-

	ii	Skilled	0.16	25.3376	-
8		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.	-	64.08	Sqm
	i	Un-Skilled	0.36	23.0688	-
	ii	Highly-Skilled	0.13	8.3304	-
9		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)	-	613.94	Sqm
	i	Highly-Skilled	0.054	33.15276	-
	ii	Un-Skilled	0.064	39.29216	-

10	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.	-	138.3	Sqm
i	Un-Skilled	0.12	16.596	-
ii	Skilled	0.14	19.362	-
11	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.co mplete. and as per the direction of Engineer in Charge.	-	613.94	Sqm
i	Un-Skilled	0.057	34.99458	-
ii	Skilled	0.05	30.697	-

12	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)	-	34.02	Sqm
i	Highly-Skilled	0.13440860215054	4.5725806451613	-
ii	Un-Skilled	0.11827956989247	4.0238709677419	-
13	Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)	-	138.3	Sqm
i	Un-Skilled	0.064	8.8512	-
ii	Highly-Skilled	0.054	7.4682	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	452.90330304374	452	204712.29297577
1	Skilled	108.85138575	552	60085.964934

2	Semi-Skilled	2.458373952	502	1234.103723904
3	Highly-Skilled	68.686477395161	602	41349.259391887
				Total: 307381.62102556