

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Malkangiri	<b>Block</b>	Chitrakonda	<b>Gram Panchayat</b>	Gajalmamudi

<b>Work Code</b>	OD/364/3483/275082/923649/00072276 (CONST OF MARKET COMPLEX AT GAJALMAMUDI)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Chitrakonda	<b>Proposal Date</b>	01-07-2023
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Capital Assets
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	OD/364/3483/275082/923649/00072276/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/364/3483/275082/923649/00072276/TS
<b>Fund Sanction No.</b>	1000000
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	31.345875	Cum

	i	Un-Skilled	0.516	16.1744715	-
2		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - 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.	-	30.20765625	Cum
	i	Un-Skilled	0.1236	3.7336663125	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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.	-	24.342875	Cum
	i	Skilled	0.18	4.3817175	-
	ii	Un-Skilled	3.9	94.9372125	-

4	<b>Masonry Brick Work (AR06059) : Brick work with K.B. bricks 25cm x 12cm x 8cm -</b> Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm <sup>2</sup> with dimensional tolerance ± 8 percent in cement mortar (1:3) in foundation and plinth	-	18.5955	Cum
i	Un-Skilled	2.82	52.43931	-
ii	Skilled	1.05	19.525275	-
iii	Highly-Skilled	0.35	6.508425	-
5	<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> 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	-	39.585	Sqm
i	Semi-Skilled	0.05	1.97925	-
ii	Skilled	0.05	1.97925	-

6	<p><b>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</b></p>	-	31.425	Sqm
i	Semi-Skilled	0.6547619047619	20.575892857143	-
ii	Skilled	0.6547619047619	20.575892857143	-
7	<p><b>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.</b></p>	-	22.465727995731	Qntl
i	Un-Skilled	0.8	17.972582396585	-
ii	Highly-Skilled	0.3	6.7397183987193	-

	iii	Semi-Skilled	0.044	0.98849203181216	-
8		<b>R.C.C. Work (AR0404A) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	23.81082	Cum
	i	Un-Skilled	1.3333	31.746966306	-
	ii	Skilled	0.1	2.381082	-
	iii	Semi-Skilled	0.0573	1.364359986	-

9	<b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b> 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)	-	102.795	Sqm
i	Highly-Skilled	0.054	5.55093	-
ii	Un-Skilled	0.064	6.57888	-
10	<b>R.C.C. Work (AR0410a) : First floor</b> - 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	-	75.6918	Sqm
i	Semi-Skilled	0.366666666666667	27.75366	-
ii	Skilled	0.366666666666667	27.75366	-

11	<b>Painting (AR0903i) :</b> <b>Third Floor</b> - 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)	-	28.35	Sqm
i	Highly-Skilled	0.15559475806452	4.411111391129	-
ii	Un-Skilled	0.13692338709677	3.8817780241935	-
12	<b>Plastering (AR1004) :</b> <b>First Floor</b> - 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.	-	205.59	Sqm
i	Un-Skilled	0.1236	25.410924	-
ii	Skilled	0.1442	29.646078	-

13	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> 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.	-	4.914	Qntl
i	Un-Skilled	6.3976377952756	31.437992125984	-
ii	Semi-Skilled	1.9685039370079	9.6732283464567	-
iii	Skilled	3.9370078740157	19.346456692913	-
iv	Highly-Skilled	3.4448818897638	16.928149606299	-
14	<b>Painting (AR0918c) : First Floor -</b> 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)	-	102.795	Sqm
i	Un-Skilled	0.044890322580645	4.6145007096774	-
ii	Highly-Skilled	0.0231	2.3745645	-

	iii	Skilled	0.0084677419354839	0.87044153225806	-
15		<b>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</b>	-	9.345	Sqm
	i	Semi-Skilled	0.16025641025641	1.4975961538462	-
	ii	Skilled	0.16025641025641	1.4975961538462	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	288.92828387494	462	133484.86715022
1	Skilled	127.95744973616	562	71912.086751722
2	Highly-Skilled	42.512898896148	612	26017.894124442
3	Semi-Skilled	63.832479375258	512	32682.229440132
<b>Total:</b>				<b>264097.07746652</b>