

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Gurundia	<b>Gram Panchayat</b>	Banki

<b>Work Code</b>	OD/373/3577/121578/384651/00039199 (Construction of market complex at Gopalpur)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Gurundia	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	27-11-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Creation of Capital Asset for Revenue Generation
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Jayanta Kumar Parida		

### Administrative Approval Details

<b>Approval No.</b>	OD/373/3577/121578/384651/00039199/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/373/3577/121578/384651/00039199/TS
<b>Fund Sanction No.</b>	
<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	-	33.354	Cum

	i	Un-Skilled	0.516	17.210664	-
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.	-	17.7198	Cum
	i	Un-Skilled	0.1236	2.19016728	-
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.	-	8.4606	Cum
	i	Skilled	0.18	1.522908	-
	ii	Un-Skilled	3.9	32.99634	-

4	<b>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <sup>2</sup> 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.	-	14.81835	Cum
i	Un-Skilled	2.96	43.862316	-
ii	Skilled	1.05	15.5592675	-
iii	Highly-Skilled	0.35	5.1864225	-

5	<b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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 <sup>2</sup> 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.	-	21.6246	Cum
i	Un-Skilled	2.96	64.008816	-
ii	Skilled	1.05	22.70583	-
iii	Highly-Skilled	0.35	7.56861	-

6	<b>R.C.C. Work (AR0404Aa) :</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. (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.)	-	7.68396	Cum
i	Un-Skilled	1.3333	10.245023868	-
ii	Skilled	0.175	1.344693	-
iii	Semi-Skilled	0.1323	1.016587908	-

7	<b>R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	3.48864	Cum
i	Un-Skilled	1.3333	4.651403712	-
ii	Skilled	0.35	1.221024	-
iii	Semi-Skilled	0.3073	1.072059072	-

8	<b>R.C.C. Work (AR0404Ac) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	5.50482	Cum
i	Un-Skilled	1.3333	7.339576506	-
ii	Skilled	5.33875	29.388857775	-
iii	Semi-Skilled	5.29605	29.153801961	-

9	<b>R.C.C. Work (AR0404Ad) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	2.10726	Cum
i	Un-Skilled	1.3333	2.809609758	-
ii	Skilled	2.34375	4.938890625	-
iii	Semi-Skilled	2.30105	4.848910623	-

10	<b>R.C.C. Work (AR0404Ag) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	9.42035	Cum
i	Un-Skilled	1.3333	12.560152655	-
ii	Skilled	3.15525	29.7235593375	-
iii	Semi-Skilled	3.11255	29.3213103925	-

11	<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 -</b>  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>	-	24	Qntl
i	Un-Skilled	0.8	19.2	-
ii	Highly-Skilled	0.3	7.2	-
iii	Semi-Skilled	0.044	1.056	-
12	<p><b>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips</b>  - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</p>	-	72.72	Sqm
i	Un-Skilled	0.36	26.1792	-
ii	Highly-Skilled	0.13	9.4536	-

13	<b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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.	-	226.044	Sqm
i	Un-Skilled	0.24	54.25056	-
ii	Skilled	0.16	36.16704	-
14	<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b> - 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.	-	93.852	Sqm
i	Un-Skilled	0.12	11.26224	-
ii	Skilled	0.14	13.13928	-

15	<p><b>miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</b> - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</p>	-	21	Sqm
16	<p><b>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) -</b> 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)</p>	-	226.044	Sqm
i	Highly-Skilled	0.052	11.754288	-
ii	Un-Skilled	0.062	14.014728	-
17	<p><b>Painting (AR0918Ai) : Finishing wall one coat with weather coat -</b> 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.</p>	-	93.924	Sqm
i	Un-Skilled	0.043	4.038732	-

ii	Highly-Skilled	0.036	3.381264	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	326.819529779	462	150990.6227579
1	Skilled	155.7113502375	562	87509.778833475
2	Highly-Skilled	44.5441845	612	27261.040914
3	Semi-Skilled	66.4686699565	512	34031.959017728
				<b>Total: 299793.4015231</b>