

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Jajpur	<b>Block</b>	Sukinda	<b>Gram Panchayat</b>	Kaliapani

<b>Work Code</b>	OD/356/3403/118500/400547/00066622 (Const. of Market Complex at Nuapani)
<b>Project Category</b>	Building

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Sukinda	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	24-02-2026	<b>Date of Completion</b>	09-04-2026
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Jyoti Ranjan Behera		

### Administrative Approval Details

<b>Approval No.</b>	OD/356/3403/118500/400547/00066622/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/356/3403/118500/400547/00066622/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	500000

### 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	-	15.756375	Cum

	i	Un-Skilled	0.516	8.1302895	-
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.	-	14.890125	Cum
	i	Un-Skilled	0.1236	1.84041945	-
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.	-	5.4980625	Cum
	i	Skilled	0.18	0.98965125	-
	ii	Un-Skilled	3.9	21.44244375	-

4	<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.)	-	1.728	Cum
i	Un-Skilled	1.3333	2.3039424	-
ii	Skilled	0.175	0.3024	-
iii	Semi-Skilled	0.1323	0.2286144	-

5	<b>R.C.C. Work (AR0404Ab) :</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 Plinth band)	-	1.275	Cum
i	Un-Skilled	1.3333	1.6999575	-
ii	Skilled	0.35	0.44625	-
iii	Semi-Skilled	0.3073	0.3918075	-

6	<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)	-	2.0475	Cum
i	Un-Skilled	1.3333	2.72993175	-
ii	Skilled	5.33875	10.931090625	-
iii	Semi-Skilled	5.29605	10.843662375	-

7	<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)	-	0.8415	Cum
i	Un-Skilled	1.3333	1.12197195	-
ii	Skilled	2.34375	1.972265625	-
iii	Semi-Skilled	2.30105	1.936333575	-

8	<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)	-	4.68125	Cum
i	Un-Skilled	1.3333	6.241510625	-
ii	Skilled	3.15525	14.7705140625	-
iii	Semi-Skilled	3.11255	14.5706246875	-

9	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <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.	-	9.330975	Cum
i	Un-Skilled	2.96	27.619686	-
ii	Skilled	1.05	9.79752375	-
iii	Highly-Skilled	0.35	3.26584125	-

10	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>  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<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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	11.1325	Cum
	i Un-Skilled	2.96	32.9522	-
	ii Skilled	1.05	11.689125	-
	iii Highly-Skilled	0.35	3.896375	-
11	<p><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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	79.36	Sqm
	i Un-Skilled	0.24	19.0464	-

	ii	Skilled	0.16	12.6976	-
12		<b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	52.605	Sqm
	i	Un-Skilled	0.12	6.3126	-
	ii	Skilled	0.14	7.3647	-
13		<b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b>	-	28.655	Sqm
	i	Un-Skilled	0.17	4.87135	-
	ii	Skilled	0.14	4.0117	-

14	<p><b>Flooring (AR0802ii) :</b>  <b>2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips -</b>  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 &amp; royalty of materials as per direction of Engineer-in-charge.</p>	-	33.7925	Sqm
i	Un-Skilled	0.36	12.1653	-
ii	Highly-Skilled	0.13	4.393025	-
15	<p><b>Painting (AR0901di) :</b>  <b>Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface ) -</b> Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	-	156.63	Sqm
i	Highly-Skilled	0.053763440860215	8.4209677419355	-
ii	Un-Skilled	0.053763440860215	8.4209677419355	-

16	<p><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)</p>	-	108.015	Sqm
i	Highly-Skilled	0.054	5.83281	-
ii	Un-Skilled	0.064	6.91296	-
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>	-	70.245	Sqm
i	Un-Skilled	0.043	3.020535	-
ii	Highly-Skilled	0.036	2.52882	-

18	<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.	-	10.19875	Qntl
i	Un-Skilled	0.8	8.159	-
ii	Highly-Skilled	0.3	3.059625	-
iii	Semi-Skilled	0.044	0.448745	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	174.99146566694	462	80846.057138124
1	Skilled	74.9728203125	562	42134.725015625
2	Semi-Skilled	28.4197875375	512	14550.9312192
3	Highly-Skilled	31.397463991935	612	19215.247963065
<b>Total:</b>				<b>156746.96133601</b>