

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sambalpur	<b>Block</b>	Jujomura	<b>Gram Panchayat</b>	Lipinda

<b>Work Code</b>	OD/371/3561/121345/382174/00084615 (Construction of Market Complex at Lipinda)
<b>Project Category</b>	Building

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Jujomura	<b>Proposal Date</b>	10-05-2021
<b>Date of Commencement</b>	25-03-2026	<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>	PRAVASH CHANDRA MISHRA		

### Administrative Approval Details

<b>Approval No.</b>	OD/371/3561/121345/382174/00084615/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/371/3561/121345/382174/00084615/TS
<b>Fund Sanction No.</b>	8055
<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	-	29.0371086	Cum

	i	Un-Skilled	0.516	14.9831480376	-
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.	-	26.80291308	Cum
	i	Un-Skilled	0.1236	3.312840056688	-
3		<b>Concrete (AR0309) : Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips -</b> Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specificaion and direction of Engineer-in charge.	-	10.440510348	Cum
	i	Skilled	0.68	7.09954703664	-
	ii	Un-Skilled	4.6	48.0263476008	-

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.	-	20.31836588	Cum
i	Un-Skilled	2.96	60.1423630048	-
ii	Skilled	1.05	21.334284174	-
iii	Highly-Skilled	0.35	7.111428058	-

5	<p><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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	23.54400336	Cum
i	Un-Skilled	2.96	69.6902499456	-
ii	Skilled	1.05	24.721203528	-
iii	Highly-Skilled	0.35	8.240401176	-

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.)	-	4.77309113472	Cum
i	Un-Skilled	1.3333	6.3639624099222	-
ii	Skilled	0.175	0.835290948576	-
iii	Semi-Skilled	0.1323	0.63147995712346	-

7	<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)	-	4.937742	Cum
i	Un-Skilled	1.3333	6.5834914086	-
ii	Skilled	0.35	1.7282097	-
iii	Semi-Skilled	0.3073	1.5173681166	-

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)	-	5.021418144	Cum
i	Un-Skilled	1.3333	6.6950568113952	-
ii	Skilled	5.33875	26.80809611628	-
iii	Semi-Skilled	5.29605	26.593681561531	-

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)	-	1.76590644	Cum
i	Un-Skilled	1.3333	2.354483056452	-
ii	Skilled	2.34375	4.13884321875	-
iii	Semi-Skilled	2.30105	4.063439013762	-

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)	-	7.4756352	Cum
i	Un-Skilled	1.3333	9.96726441216	-
ii	Skilled	3.15525	23.5874979648	-
iii	Semi-Skilled	3.11255	23.26828834176	-

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>	-	21.271	Qntl
i	Un-Skilled	0.8	17.0168	-
ii	Highly-Skilled	0.3	6.3813	-
iii	Semi-Skilled	0.044	0.935924	-
12	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	121.95841325	Sqm
i	Un-Skilled	0.12	14.63500959	-

	ii	Skilled	0.14	17.074177855	-
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>	-	19.230921	Sqm
	i	Un-Skilled	0.17	3.26925657	-
	ii	Skilled	0.14	2.69232894	-
14		<b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b>	-	143.41900625	Sqm
	i	Un-Skilled	0.24	34.4205615	-
	ii	Skilled	0.16	22.947041	-

15		<b>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 &amp; royalty of materials as per direction of Engineer-in-charge.</b>	-	45.882469125	Sqm
	i	Un-Skilled	0.36	16.517688885	-
	ii	Highly-Skilled	0.13	5.96472098625	-
16		<b>Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in- charge.</b>	-	6.62025	Qntl
	i	Un-Skilled	6.3976377952756	42.353961614173	-
	ii	Semi-Skilled	1.9685039370079	13.031988188976	-
	iii	Skilled	3.9370078740157	26.063976377953	-
	iv	Highly-Skilled	3.4448818897638	22.805979330709	-

17	<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	28.532833875	Sqm
i	Highly-Skilled	0.18817204301075	5.3690816431452	-
ii	Un-Skilled	0.17204301075269	4.9088746451613	-
18	<b>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer</b> - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	141.18933425	Sqm
i	Un-Skilled	0.11776344086022	16.626941814043	-
ii	Highly-Skilled	0.10776344086022	15.215048471543	-

19	<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)	-	143.41900625	Sqm
i	Highly-Skilled	0.052	7.457788325	-
ii	Un-Skilled	0.062	8.8919783875	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	386.76027974989	462	178683.24924445
1	Skilled	179.03049686	562	100615.13923532
2	Highly-Skilled	78.545747990647	612	48069.997770276
3	Semi-Skilled	70.042169179753	512	35861.590620034
<b>Total:</b>				<b>363229.97687008</b>