

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Boudh	<b>Block</b>	Harabhanga	<b>Gram Panchayat</b>	Kusanga

<b>Work Code</b>	OD/349/3330/116803/418774/00062621 (Development of Rural Hat at Village- Kusanga)
<b>Project Category</b>	Building

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Harabhanga	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	24-12-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Development of Rural Haat
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Lalita Majhi		

### Administrative Approval Details

<b>Approval No.</b>	OD/349/3330/116803/418774/00062621/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/349/3330/116803/418774/00062621/TS
<b>Fund Sanction No.</b>	17729
<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	<p><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></p> <p>Earth work in hard soil or gravelly soil foundation &amp; 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</p>	-	50.205375	Cum

	i	Un-Skilled	0.516	25.9059735	-
2		<b>Earth Work (AR0115)</b> <b>: 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.	-	20.50563	Cum
	i	Un-Skilled	0.1236	2.534495868	-
3		<b>Concrete (AR0303a)</b> <b>: Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	23.097605	Cum
	i	Un-Skilled	3.9	90.0806595	-
	ii	Skilled	0.18	4.1575689	-

4	<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.	-	22.707	Cum
i	Un-Skilled	2.96	67.21272	-
ii	Skilled	1.05	23.84235	-
iii	Highly-Skilled	0.35	7.94745	-

5	<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.)	-	11.930625	Cum
i	Un-Skilled	1.3333	15.9071023125	-
ii	Skilled	0.175	2.087859375	-
iii	Semi-Skilled	0.1323	1.5784216875	-

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)	-	7.37426	Cum
i	Un-Skilled	1.3333	9.832100858	-
ii	Skilled	5.33875	39.369330575	-
iii	Semi-Skilled	5.29605	39.054449673	-

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)	-	3.531075	Cum
i	Un-Skilled	1.3333	4.7079822975	-
ii	Skilled	0.35	1.23587625	-
iii	Semi-Skilled	0.3073	1.0850993475	-

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)	-	13.84104	Cum
i	Un-Skilled	1.3333	18.454258632	-
ii	Skilled	3.15525	43.67194146	-
iii	Semi-Skilled	3.11255	43.080929052	-

9	<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>	-	34.14	Qntl
i	Un-Skilled	0.8	27.312	-
ii	Highly-Skilled	0.3	10.242	-
iii	Semi-Skilled	0.044	1.50216	-
10	<p><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips -</b> 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</p>	-	138.4104	Sqm
i	Un-Skilled	0.36	49.827744	-

	ii	Highly-Skilled	0.1	13.84104	-
11		<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>	-	25.497	Sqm
	i	Un-Skilled	0.12	3.05964	-
	ii	Skilled	0.14	3.56958	-
12		<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>	-	102.78	Sqm
	i	Un-Skilled	0.36	37.0008	-
	ii	Highly-Skilled	0.13	13.3614	-

13	<b>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer -</b> Finishing wall two coats with weather coat with one coat waterbound 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)	-	25.497	Sqm
i	Un-Skilled	0.11776344086022	3.0026144516129	-
ii	Highly-Skilled	0.10776344086022	2.7476444516129	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	354.83809141961	462	163935.19823586
1	Skilled	117.93450656	562	66279.19268672
2	Highly-Skilled	48.139534451613	612	29461.395084387
3	Semi-Skilled	86.30105976	512	44186.14259712
<b>Total:</b>				<b>303861.92860409</b>