

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Khaprakhol	Gram Panchayat	Luhasingha

Work Code	OD/345/3290/115888/420551/00041154 (Repair & maintenance of market complex at Luhasingha)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Khaprakhol	Proposal Date	-
Date of Commencement	16-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	Repair and Maintenance
Name of Executant	DEEPAK KUMAR BEHERA		

Administrative Approval Details

Approval No.	OD/345/3290/115888/420551/00041154/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3290/115888/420551/00041154/TS
Fund Sanction No.	33742
Fund Sanction Amount (in Rs.)	400000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - 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.	-	2.548512	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.548512	1 Cum

2	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</p>	-	3.251901312	Cum
i)	BRM340 : Cement	2.29	7.44685400448	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.56091262976	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.12182525952	1 Cum.
3	<p>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 & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	594	Sqm
i)	BRM340 : Cement	0.043	25.542	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	10.692	1 Cum

4	<p>R.C.C. Work (AR0410c) :-R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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</p>	-	240	Sqm
i)	<p>BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.6408	1Cum.
ii)	<p>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	30.24	1Mtr.
5	<p>Concrete (AR0307) :-Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	2.87132352	Cum
i)	<p>BRM340 : Cement</p>	3.23	9.2743749696	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	1.292095584	1 Cum
iii)	<p>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</p>	0.9	2.584191168	1 Cum.

6	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	396	Sqm
i)	BRM340 : Cement	0.0358	14.1768	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	5.94	1 Cum
7	Roofing (AR1132) :.Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	22.29672	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	22.29672	1 Sqm
8	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.	-	2.48	Qntl

i)	BRM162 : Binding Wire.	0.8	1.984	1 Kg.
ii)	BRM341 : Steel	1.05	2.604	1 Qntl.
9	<p>R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)</p>	-	2.85433344	Cum
i)	BRM340 : Cement	3.4733	9.913956337152	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.284450048	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.0275600384	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.5413400576	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	17.758520930304	1Mtr

vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.14333663322317	1Cum.
10	Dismantling (AR1612) .:Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	15.607704	Sqm
11	Dismantling (AR1620) .:Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	22.29672	Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.548512	1 Cum	387.01	986.29962912
2	BRM340	66.353985311232	1 Qntl.	532.534	35335.753213732
3	BRM028	20.76945826176	1 Cum	391.95	8140.5891656968
4	BRM044	3.12182525952	1 Cum.	1310.32	4090.5900740542
5	BRM104	0.78413663322317	1Cum.	58601.622	45951.678576497
6	BRM092	30.24	1Mtr.	257.642	7791.09408
7	BRM056	2.584191168	1 Cum.	1711.69	4423.3341803539
8	BRM149	22.29672	1 Sqm	318.237204	7095.6458311709
9	BRM162	1.984	1 Kg.	90	178.56
10	BRM341	2.604	1 Qntl.	6203.754	16154.575416
11	BRM060	1.0275600384	1 Cum.	1715.07	1762.3373950587
12	BRM052	1.5413400576	1 Cum.	1697.36	2616.2089601679
13	BRM084	17.758520930304	1Mtr	278.702	4949.3353003176
Total: 139476.00182217					