

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Raruan	Gram Panchayat	Ghagarbeda

Work Code	OD/365/3504/120307/388784/00041065 (Improvement & Maintenance of Market Complex near Thana at Ghagarbeda)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Raruan	Proposal Date	-
Date of Commencement	04-02-2026	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	SURYAKANTA MOHAPATRA		

Administrative Approval Details

Approval No.	OD/365/3504/120307/388784/00041065/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3504/120307/388784/00041065/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	310000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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	-	10.5165	Cum

2	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.	-	7.011	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.011	1 Cum
3	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.	-	8.53875	Cum
i)	BRM340 : Cement	2.29	19.5537375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.0986	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.1972	1 Cum.

4	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work)	-	67.375	Sqm
i)	BRM340 : Cement	0.1208	8.1389	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.1386375	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1.1386375	1 Cum.
5	Painting(AR0919) :.First floor - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	268.5	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	20.1375	1 Litre
6	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	1.174	Qntl
i)	BRM341 : Steel	1	1.174	1 Qntl.

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	-	69.52	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	69.52	1 Sqm
8	Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	72.675	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	72.675	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	72.675	1 Sqm
iii)	BRM340 : Cement	0.1375	9.9928125	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.090125	1 Cum

9	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - 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.	-	52.5	Sqm
i)	BRM137 : Red oxide Primer	0.054	2.835	1 Litre
ii)	BRM141 : Enamel paint	0.125	6.5625	1 Litre
10	Painting(AR0918fk) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-	131.52	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	16.44	1 Ltr
11	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.	-	67.375	Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.011	1 Cum	466.64	3271.61304

2	BRM340	37.68545	1 Qntl.	656.567	24743.02285015
3	BRM028	6.3273625	1 Cum	473.06	2993.22210425
4	BRM044	8.1972	1 Cum.	1792.06	14689.874232
5	BRM064	1.1386375	1 Cum.	1647.01	1875.347348875
6	BRM140	20.1375	1 Litre	249.82567	5030.864429625
7	BRM341	1.174	1 Qntl.	6225.277	7308.475198
8	BRM149	69.52	1 Sqm	318.762742	22160.38582384
9	BRM131	72.675	1 Sqm.	667.2266671	48490.698031492
10	BRMMR0027	72.675	1 Sqm	8.5	617.7375
11	BRM137	2.835	1 Litre	143.18567	405.93137445
12	BRM141	6.5625	1 Litre	205.82567	1350.730959375
13	BRM255	16.44	1 Ltr	195.27567	3210.3320148
					Total: 136148.23490686