

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Samakhunta	Gram Panchayat	Balidiha

Work Code	OD/365/3506/120329/389395/00050354 (Maintenance Of Market Complex in Front of Balidiha Hanuman Temple)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Samakhunta	Proposal Date	-
Date of Commencement	-	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			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/365/3506/120329/389395/00050354/TS
Fund Sanction No.	33742
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	47.989509165	Sqm
i)	BRM141 : Enamel paint	0.125	5.998688645625	1 Litre

2	<p>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.</p>	-	61.70152745	Sqm
i)	<p>BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	61.70152745	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	61.70152745	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	8.483960024375	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.92552291175	1 Cum

3	<p>miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	45.057955	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	1.35173865	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	45.057955	1 Sqm

4	<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>	-	1.396867744	Cum
i)	BRM340 : Cement	3.23	4.51188281312	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.6285904848	1 Cum
iii)	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)	0.9	1.2571809696	1 Cum.
5	<p>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 specifaion and direction of Engineer-in charge. (new work)</p>	-	45.29392862	Sqm
i)	BRM340 : Cement	0.1208	5.471506577296	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.765467393678	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	0.765467393678	1 Cum.
6	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	-	4.559571136	Cum
7	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.	-	7.27883344	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.27883344	1 Cum
8	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.	-	31.4476655	Sqm
i)	BRM340 : Cement	0.043	1.3522496165	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.566057979	1 Cum
9	Concrete (AR0309) :.Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips - 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.	-	8.568946848	Cum
i)	BRM340 : Cement	2.15	18.4232357232	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.8560260816	1 Cum
iii)	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)	0.9	7.7120521632	1 Cum.
10	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.	-	45.29	Sqm

11	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	169.06	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	14.20104	1 Ltr
12	R.C.C. Work (AR0410a) :.Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	34.47444524	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.6222222222222222	21.450765927111	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.17313832498311	1Cum.

13	Painting(AR0920k) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance) - 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)(For Repair and maintenance)	-	169.05651813	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	21.13206476625	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM141	5.998688645625	1 Litre	205.64732	1233.6142434872
2	BRM131	61.70152745	1 Sqm.	662.3175001	40866.001413036
3	BRMMR0027	61.70152745	1 Sqm	8.5	524.462983325
4	BRM340	38.242834754491	1 Qntl.	638.732	24426.922328406
5	BRM028	6.741664850828	1 Cum	538.16	3628.0943561216
6	BRM029	8.63057209	1 Cum	401.54	3465.5199170186
7	BRMM287	45.057955	1 Sqm	608.4	27413.259822
8	BRM056	8.9692331328	1 Cum.	2128.33	19089.487953532
9	BRM064	0.765467393678	1 Cum.	1581.91	1210.9005247332
10	BRM253	14.20104	1 Ltr	159.39677	2263.5999066408
11	BRM084	21.450765927111	1Mtr	250.166	5366.2523089217
12	BRM104	0.17313832498311	1Cum.	58573.086	10141.245999132
13	BRM140	21.13206476625	1 Litre	249.70677	5276.8196362111

Total: 144906.18139256