

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Kosagumuda	Gram Panchayat	Kodinga

Work Code	OD/366/3516/120472/427803/00045494 (CONSTRUCTION OF BOUNDARY WALL AT SHIVA TEMPLE KODING OF KODINGA GP.)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kosagumuda	Proposal Date	31-07-2025
Date of Commencement	-	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Boundary Wall	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/366/3516/120472/427803/00045494/TS
Fund Sanction No.	15612
Fund Sanction Amount (in Rs.)	250000

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	-	19.08	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.	-	3.18	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.18	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.	-	20.5905	Cum
i)	BRM340 : Cement	2.29	47.152245	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.88344	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.76688	1 Cum.
4	Masonry Brick Work (AR06059) :.Brick work with K.B. bricks 25cm x 12cm x 8cm - Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:3) in foundation and plinth	-	18.285	Cum
i)	BRM340 : Cement	1.33	24.31905	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	5.1198	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance \pm 2 %	350	6399.75	1000 Nos
5	Plastering (AR1004) :.First Floor - 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.	-	79.5	Sqm
i)	BRM340 : Cement	0.0358	2.8461	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.1925	1 Cum
6	Plastering (AR1014) :.First Floor - 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.	-	79.5	Sqm
i)	BRM340 : Cement	0.043	3.4185	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.431	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.18	1 Cum	413.05	1313.499
2	BRM340	77.735895	1 Qntl.	591.732	45998.81662014
3	BRM028	17.62674	1 Cum	417.24	7354.5809976
4	BRM044	19.76688	1 Cum.	1401.46	27702.4916448

5	BRM005	6399.75	1000 Nos	6.1539	39383.421525
					Total: 121752.80978754