

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Joshipur	Gram Panchayat	Durdura

Work Code	OD/365/3496/120177/388481/00051219 (REPAIR, RENOVATION OF DURDURA HAAT)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Joshipur	Proposal Date	-
Date of Commencement	06-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Rural Haat	Project Type	Renovation or Rejuvenation
Name of Executant	SUDHIR KUMAR HANSDAH		

Administrative Approval Details

Approval No.	OD/365/3496/120177/388481/00051219/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3496/120177/388481/00051219/TS
Fund Sanction No.	33742
Fund Sanction Amount (in Rs.)	500000

MATERIAL STATEMENT

SI.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	-	24.48	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.	-	181.12	Cum
i)	BRM029 : Sand for filling and road blinding	1	181.12	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.	-	14.34	Cum
i)	BRM340 : Cement	2.29	32.8386	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.8832	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.7664	1 Cum.

4	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.	-	51	Sqm
i)	BRM340 : Cement	0.0358	1.8258	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.765	1 Cum
5	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.	-	6.3	Cum
i)	BRM340 : Cement	3.23	20.349	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.835	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	5.67	1 Cum.

6	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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/cm2 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.	-	14.325	Cum
i)	BRM340 : Cement	0.672	9.6264	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	4.011	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./Cm2 with dimensional tolerance ± 2 %	350	5013.75	1000 Nos

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	181.12	1 Cum	922.34	167054.2208
2	BRM340	64.6398	1 Qntl.	644.677	41671.7923446
3	BRM028	14.4942	1 Cum	928.76	13461.633192
4	BRM044	13.7664	1 Cum.	1726.96	23774.022144
5	BRM056	5.67	1 Cum.	2128.33	12067.6311
6	BRM005	5013.75	1000 Nos	6.89485	34569.0541875

Total: 292598.3537681