

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Koida	<b>Gram Panchayat</b>	Patmund

<b>Work Code</b>	OD/373/3579/121619/384796/00066507 (Repair & Maintenance of weekly Market shed at Patmunda GP)
<b>Project Category</b>	Other Infrastructure

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Koida	<b>Proposal Date</b>	02-06-2023
<b>Date of Commencement</b>	11-12-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Capital Assets
<b>Project Sub-Category</b>	Rural Haat	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	Gajendra Naik		

### Administrative Approval Details

<b>Approval No.</b>	OD/373/3579/121619/384796/00066507/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/373/3579/121619/384796/00066507/TS
<b>Fund Sanction No.</b>	11828/PR/DW
<b>Fund Sanction Amount (in Rs.)</b>	103000

### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>9.9082</b>	Cum

2	<b>Earth Work (AR0115)</b> :.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.	-	4.6353	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	4.6353	1 Cum
3	<b>Concrete (AR0303)</b> :.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.	-	4.6353	Cum
i)	<b>BRM340</b> : Cement	2.29	10.614837	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	2.224944	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	4.449888	1 Cum.

4	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	3.237375	Cum
i)	<b>BRM340</b> : Cement	3.23	10.45672125	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.45681875	1 Cum
iii)	<b>BRM056</b> : 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	2.9136375	1 Cum.
5	<p><b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - 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/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	5.9628255435	Cum
i)	<b>BRM340</b> : Cement	0.672	4.007018765232	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1.66959115218	1 Cum
iii)	<b>BRM005</b> : 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 $\pm$ 2 %	350	2086.988940225	1000 Nos
6	<b>Plastering (AR1004)</b> :.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.	-	<b>22.0725</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.7901955	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.3310875	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	4.6353	1 Cum	1163.85	5394.793905
2	<b>BRM340</b>	25.868772515232	1 Qntl.	573.132	14826.2213292
3	<b>BRM028</b>	5.68244140218	1 Cum	1168.79	6641.580686454
4	<b>BRM044</b>	4.449888	1 Cum.	1949.16	8673.54369408
5	<b>BRM056</b>	2.9136375	1 Cum.	2350.53	6848.592352875
6	<b>BRM005</b>	2086.988940225	1000 Nos	7.8058	16290.618269608
<b>Total: 58675.350237217</b>					