

ESTIMATION DPR							
State	Odisha	District	Sundargarh	Block	Lephipara	Gram Panchayat	Sargipali

Work Code	OD/373/3584/121707/383719/00041662 (Construction of Market shed at Sargipali Market)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Lephipara	Proposal Date	-
Date of Commencement	09-01-2026	Date of Completion	07-02-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	New Work
Name of Executant	SUPRIYA TIRKEY		

Administrative Approval Details

Approval No.	OD/373/3584/121707/383719/00041662/AS
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Technical Sanction Details

Technical Sanction No.	OD/373/3584/121707/383719/00041662/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	550000

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	-	11.25	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.	-	47.309	Cum
i)	BRM029 : Sand for filling and road blinding	1	47.309	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.	-	28.38875	Cum
i)	BRM340 : Cement	2.29	65.0102375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.6266	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	27.2532	1 Cum.

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>	-	26.039125	Cum
i)	BRM340 : Cement	3.23	84.10637375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.71760625	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	23.4352125	1 Cum.
5	<p>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	8.4	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.022428	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.0584	1Mtr.

6	R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	0.525	Cum
i)	BRM340 : Cement	3.4733	1.8234825	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.23625	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.189	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.2835	1 Cum.

7	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm 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	-	47.6	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	47.6	1 Sqm.
8	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	7.983	Qntl
i)	BRM341 : Steel	1	7.983	1 Qntl.
9	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	21.315	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	2.664375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1.79046	1 Ltr

10	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.	-	21.315	Sqm
i)	BRM340 : Cement	0.0358	0.763077	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.319725	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	47.309	1 Cum	543.25	25700.61425
2	BRM340	151.70317075	1 Qntl.	567.187	86044.06630818
3	BRM028	25.90018125	1 Cum	548.19	14198.220359437
4	BRM044	27.2532	1 Cum.	1271.26	34645.903032
5	BRM056	23.4352125	1 Cum.	1672.63	39198.439483875
6	BRM104	0.022428	1Cum.	58763.326	1317.943875528
7	BRM092	1.0584	1Mtr.	419.346	443.8358064
8	BRM060	0.189	1 Cum.	1666.01	314.87589
9	BRM052	0.2835	1 Cum.	1658.3	470.12805
10	BRM150	47.6	1 Sqm.	334.7178543	15932.56986468
11	BRM341	7.983	1 Qntl.	6230.747	49740.053301
12	BRM255	2.664375	1 Ltr	195.27567	520.28761325625
13	BRM252	1.79046	1 Ltr	125.98567	225.5723027082
Total: 268752.51013707					