

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Samakhunta	Gram Panchayat	Sindurgoura

Work Code	OD/365/3506/120341/389118/00050362 (Development of Bongeï Rural Haat)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Samakhunta	Proposal Date	-
Date of Commencement	30-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Rural Haat	Project Type	Upgradation or Improvement
Name of Executant	SUSHANTA PANDUA		

Administrative Approval Details

Approval No.	OD/365/3506/120341/389118/00050362/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3506/120341/389118/00050362/TS
Fund Sanction No.	31804
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1612) ∴Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	1138.324748	Sqm

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.	-	31.818652233126	Cum
i)	BRM029 : Sand for filling and road blinding	1	31.818652233126	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.	-	13.2019717632	Cum
i)	BRM340 : Cement	2.29	30.232515337728	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.336946446336	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.673892892672	1 Cum.

4	<p>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.</p>	-	9.495189376	Cum
i)	BRM340 : Cement	0.672	6.380767260672	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.65865302528	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 ± 2 %	350	3323.3162816	1000 Nos
5	<p>Roofing (AR1132) :.Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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</p>	-	329.14418064	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	329.14418064	1 Sqm

6	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.	-	37.532812	Sqm
i)	BRM340 : Cement	0.0358	1.3436746696	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.56299218	1 Cum
7	Flooring (AR0820) :.2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days 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.	-	156.07704	Sqm
i)	BRM340 : Cement	0.0754	11.768208816	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.87292448	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)	0.023	3.58977192	1 Cum.

8	<p>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.</p>	-	75.065624	Sqm
i)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.084	6.305512416	1 Ltr
9	<p>Road Work (AR1307) :.Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	142.394709984	Cum
i)	<p>BRM025 : Gravel or moorum</p>	1.28	182.26522877952	1 Cum
10	<p>Earth Work (AR0122Bi) :.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	-	199.208688	Cum

i)	BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-132.7925114208	1 Cum
ii)	BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	199.208688	1 Cum
11	Iron Work(AR1701) :.Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	40	Qntl

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	31.818652233126	1 Cum	401.54	12776.461617689
2	BRM340	49.725166084	1 Qntl.	638.732	31761.054783165
3	BRM028	11.431516131616	1 Cum	407.96	4663.6013210541
4	BRM044	12.673892892672	1 Cum.	1687.9	21392.263813541
5	BRM005	3323.3162816	1000 Nos	6.01135	19977.617329396
6	BRM149	329.14418064	1 Sqm	318.299032	104766.27408615
7	BRM056	3.58977192	1 Cum.	2089.27	7500.0027792984
8	BRM253	6.305512416	1 Ltr	159.33732	1004.7034495922
9	BRM025	182.26522877952	1 Cum	340.29	62023.034701383
10	BRMM402	-132.7925114208	1 Cum	175.38	-23289.15065298
11	BRMM401	199.208688	1 Cum	276.01	54983.58997488
Total: 297559.45320316					