

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Dharakote	Gram Panchayat	Saba

Work Code	OD/354/3371/117721/411173/00060239 (CONST OF RURAL HAAT AT PATASALA VILLAGE)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Dharakote	Proposal Date	-
Date of Commencement	30-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Rural Haat	Project Type	New Work
Name of Executant	Prem Ranjan Mohapatra		

Administrative Approval Details

Approval No.	OD/354/3371/117721/411173/00060239/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3371/117721/411173/00060239/TS
Fund Sanction No.	1109
Fund Sanction Amount (in Rs.)	1000000

ROYALTY 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	-	31.2051136	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.	-	36.581341248	Cum
i)	BRM029 : Sand for filling and road blinding	1	36.581341248	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.	-	32.30663712	Cum
i)	BRM340 : Cement	2.29	73.9821990048	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	15.5071858176	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	31.0143716352	1 Cum.

4	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	58.52889	Sqm
i)	BRM340 : Cement	0.043	2.51674227	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.05352002	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 specificaion and direction of Engineer-in charge.	-	0.7008408	Cum
i)	BRM340 : Cement	3.23	2.263715784	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.31537836	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	0.63075672	1 Cum.

6	<p>Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	111.4836	Sqm
i)	BRM340 : Cement	0.0858	9.56529288	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.3378032	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	2.5641228	1 Cum.
7	<p>Masonry Brick Work (AR0603ei) :.C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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>	-	4.282916	Cum
i)	BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance ± 8 percent.	400	1713.1664	1000 Nos
ii)	BRM340 : Cement	0.672	2.878119552	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.19921648	1 Cum
8	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	40	Qntl
i)	BRM341 : Steel	1	40	1 Qntl.
9	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	0.6	Qntl
i)	BRM341 : Steel	1.05	0.63	1 Qntl.
10	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	-	133.78032	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	133.78032	1 Sqm.

11	Roofing (AR1135i) :.G.C.I. Sheet (0.40mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.	-	16.72254	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	16.72254	1 Sqm.
12	Painting(AR0918hk) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-	58.52889	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	7.31611125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	5.2864803870968	1 Ltr

13	miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	46.4515	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	1.393545	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	37.974886248	1 Cum	195.25	7414.596539922
2	BRM028	19.4131038776	1 Cum	195.25	3790.4085321014
3	BRM044	31.0143716352	1 Cum.	379.5	11769.954035558
4	BRM056	3.19487952	1 Cum.	379.5	1212.45677784
5	BRM002	1713.1664	1000 Nos	0.04025	68.9549476
Total: 24256.370833022					