

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Podia	Gram Panchayat	Materu

Work Code	OD/364/3486/120030/431072/00039746 (Maintainance of Personpalli Haat)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Podia	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Rural Haat	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	OD/364/3486/120030/431072/00039746/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	400000

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	-	39.378	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.	-	24.288	Cum
i)	BRM029 : Sand for filling and road blinding	1	24.288	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.	-	29.471	Cum
i)	BRM340 : Cement	2.29	67.48859	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.14608	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	28.29216	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>	-	21.779	Cum
i)	BRM340 : Cement	3.23	70.34617	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.80055	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	19.6011	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>	-	56.575	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.15105525	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.12845	1Mtr.

6	<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>	-	0.95013	Cum
i)	BRM340 : Cement	0.672	0.63848736	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.2660364	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	332.5455	1000 Nos
7	<p>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.</p>	-	5.181	Sqm
i)	BRM340 : Cement	0.0358	0.1854798	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.077715	1 Cum

8	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.	-	4.131	Sqm
i)	BRM340 : Cement	0.043	0.177633	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.074358	1 Cum
9	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.	-	9.31	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	0.78204	1 Ltr
10	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	9.31	Sqm

i)	BRM140 : Plastic Emulsion paint	0.125	1.16375	1 Litre
11	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	-	43.74	Sqm
i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	43.74	1 Sqm
12	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.	-	2.25	Qntl
i)	BRM341 : Steel	1	2.25	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	24.288	1 Cum	413.05	10032.1584
2	BRM340	138.83636016	1 Qntl.	568.032	78863.495334405
3	BRM028	24.3647394	1 Cum	417.99	10184.217421806
4	BRM044	28.29216	1 Cum.	1336.36	37808.5109376
5	BRM056	19.6011	1 Cum.	1737.73	34061.419503
6	BRM104	0.15105525	1Cum.	58573.086	8847.7721490015
7	BRM092	7.12845	1Mtr.	229.106	1633.1706657
8	BRM005	332.5455	1000 Nos	6.1539	2046.45175245
9	BRM253	0.78204	1 Ltr	159.33732	124.6081577328
10	BRM140	1.16375	1 Litre	249.64732	290.52706865
11	BRM149	43.74	1 Sqm	318.299032	13922.39965968
12	BRM341	2.25	1 Qntl.	6208.372	13968.837

Total: 211783.56805003