

ESTIMATION DPR							
State	Odisha	District	Jharsuguda	Block	Kirmira	Gram Panchayat	Bhimjore

Work Code	OD/357/3405/118534/381150/00039779 (Repairing and Renovation of Handatupa Market Complex, Bhimjore GP)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kirmira	Proposal Date	-
Date of Commencement	06-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	Renovation or Rejuvenation
Name of Executant	Susmita Bara		

Administrative Approval Details

Approval No.	OD/357/3405/118534/381150/00039779/AS
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Technical Sanction Details

Technical Sanction No.	OD/357/3405/118534/381150/00039779/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	250000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	36.1374	Sqm
i)	BRM340 : Cement	0.1208	4.36539792	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.61072206	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	0.61072206	1 Cum.
2	Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	29.8125	Sqm
i)	BRM174 : White Cement.	0.0076	0.226575	1Qntl
ii)	BRM340 : Cement	0.1074	3.2018625	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.6260625	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	29.8125	1 Sqm.

3	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.	-	80.835	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	6.79014	1 Ltr
4	Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	89.835	Sqm
i)	BRM142 : Distemper	0.25	22.45875	1 Kg.
5	Painting(AR0918g) :.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil 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)	-	89.315	Sqm

i)	BRM255 : Weather Coat (I.S.I.)	0.125	11.164375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	7.50246	1 Ltr
6	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	-	1.625	Cum
7	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.	-	7.55	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.55	1 Cum
8	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.	-	10.005	Cum

i)	BRM340 : Cement	2.29	22.91145	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.8024	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.6048	1 Cum.
9	Concrete (AR0307) :.First floor - 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.	-	7.2	Cum
i)	BRM340 : Cement	3.23	23.256	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.24	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	6.48	1 Cum.
10	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	28.125	Sqm
i)	BRM340 : Cement	0.0372	1.04625	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.2109375	1 Cum
11	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.	-	3.26	Qntl
i)	BRM341 : Steel	1	3.26	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	54.78096042	1 Qntl.	551.092	30189.349039779
2	BRM028	9.49012206	1 Cum	480.21	4557.2515144326
3	BRM064	0.61072206	1 Cum.	1758.11	1073.7165609066
4	BRM174	0.226575	1Qntl	2059.802	466.69963815
5	BRM131	29.8125	1 Sqm.	665.5902781	19842.910165856
6	BRM253	6.79014	1 Ltr	159.45622	1082.7300576708
7	BRM142	22.45875	1 Kg.	70.52622	1583.930743425
8	BRM255	11.164375	1 Ltr	195.21622	2179.4670861625
9	BRM252	7.50246	1 Ltr	125.92622	944.7564285012
10	BRM029	7.55	1 Cum	472.21	3565.1855
11	BRM044	9.6048	1 Cum.	1903.16	18279.471168
12	BRM056	6.48	1 Cum.	2304.53	14933.3544
13	BRM341	3.26	1 Qntl.	6222.142	20284.18292

Total: 118983.00522288