

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Jamankira	Gram Panchayat	Jamankira

Work Code	OD/371/3560/121318/381932/00036652 (Repair And Maintainance Of Market Complex, Jamankira)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamankira	Proposal Date	-
Date of Commencement	16-09-2025	Date of Completion	01-11-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Market Complex	Project Type	Repair and Maintenance
Name of Executant	AJIT KUMAR BEHERA		

Administrative Approval Details

Approval No.	OD/371/3560/121318/381932/00036652/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3560/121318/381932/00036652/TS
Fund Sanction No.	12437
Fund Sanction Amount (in Rs.)	300000

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.	-	51	Sqm

2	Dismantling (AR1616) :.Dismantling G.C.I. or A.C. sheet roofing - Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	25.5	Sqm
3	Dismantling (AR1620) :.Dismantling and removing 2.5 cm thick grading concrete from roof - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	66.4	Sqm
4	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 specifaion and direction of Engineer-in charge. (new work)	-	66	Sqm
i)	BRM340 : Cement	0.1208	7.9728	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.1154	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	1.1154	1 Cum.

5	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.	-	5.25	Cum
i)	BRM340 : Cement	2.29	12.0225	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.52	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	5.04	1 Cum.

6	<p>Flooring (AR0817abk) :.Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in in dados skirting and risers of steps on 12mm thick cement plaster(For repair and maintenance). - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados, skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles(For repair and maintenance).</p>	-	57.25	Sqm
i)	<p>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</p>	1	57.25	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	57.25	1 Sqm
iii)	<p>CON026 : cement (Other way)</p>	0.1375	7.871875	1000 kg
iv)	<p>BRM340 : Cement</p>	0.1375	7.871875	1 Qntl.
v)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.85875	1 Cum

7	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	42	Sqm
i)	BRM137 : Red oxide Primer	0.054	2.268	1 Litre
ii)	BRM141 : Enamel paint	0.125	5.25	1 Litre
8	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	-	30.6	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	30.6	1 Sqm.
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)	-	232	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	29	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	19.488	1 Ltr

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.	-	12.4	Sqm
i)	BRM340 : Cement	0.0372	0.46128	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.093	1 Cum
11	Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	16.3	Sqm
i)	BRM340 : Cement	0.0358	0.58354	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2445	1 Cum

12	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.	-	3.4	Cum
i)	BRM340 : Cement	3.23	10.982	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.53	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	3.06	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	39.893995	1 Qntl.	562.787	22451.821764065
2	BRM028	6.36165	1 Cum	483.09	3073.2494985
3	BRM064	1.1154	1 Cum.	1276.31	1423.596174
4	BRM044	5.04	1 Cum.	1421.31	7163.4024
5	BRM132	57.25	1 Sqm.	701.6011111	40166.663610475
6	BRMMR0027	57.25	1 Sqm	8.5	486.625
7	CON026	7.871875	1000 kg	0	0
8	BRM137	2.268	1 Litre	142.94787	324.20576916
9	BRM141	5.25	1 Litre	205.58787	1079.3363175
10	BRM150	30.6	1 Sqm.	333.9354923	10218.42606438
11	BRM255	29	1 Ltr	195.03787	5656.09823
12	BRM252	19.488	1 Ltr	125.74787	2450.57449056
13	BRM056	3.06	1 Cum.	1867.93	5715.8658
Total: 100209.86511864					