

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sambalpur	<b>Block</b>	Jamankira	<b>Gram Panchayat</b>	Badmal

<b>Work Code</b>	OD/371/3560/121311/381883/00075120 (Maint. Of market Complex At Badmal)
<b>Project Category</b>	Building

<b>Financial Year</b>	2020-21	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Jamankira	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	16-01-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Capital Assets
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	BIDYA TUDU		

### Administrative Approval Details

<b>Approval No.</b>	OD/371/3560/121311/381883/00075120/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/371/3560/121311/381883/00075120/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	500000

### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1626)</b> ∴.Dismantling and removing marble chips flooring - Dismantling and removing marble chips flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	37.5	Sqm

2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	14.4	Cum
i)	<b>BRM340</b> : Cement	2.29	32.976	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	6.912	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.824	1 Cum.
3	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	6	Cum
i)	<b>BRM340</b> : Cement	3.23	19.38	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.7	1 Cum

iii)	<b>BRM056</b> : 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	5.4	1 Cum.
4	<b>Plastering (AR1014)</b> :.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.	-	23.5	Sqm
i)	<b>BRM340</b> : Cement	0.043	1.0105	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.423	1 Cum
5	<b>Flooring (AR0817aa)</b> :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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.	-	25.08	Sqm

i)	<b>BRM131</b> : 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	25.08	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	25.08	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	3.4485	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.3762	1 Cum
6	<b>Flooring (AR0817ac)</b> .: <b>First floor</b> - Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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.	-	56	Sqm
i)	<b>BRM133</b> : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	1	56	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	56	1 Sqm
iii)	<b>CON026</b> : cement (Other way)	0.1375	7.7	1000 kg
iv)	<b>BRM340</b> : Cement	0.1375	7.7	1 Qntl.
v)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.84	1 Cum

7	<p><b>Other Building Items. (AR1902) :.cement based wall putty (water based) -</b>  Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&amp;P,etc.complete. and as per the direction of Engineer in Charge.</p>	-	96.6	Sqm
i)	<b>BRMMR0038</b> : Cement based putty	0.8	77.28	kg
8	<p><b>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) -</b>  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)</p>	-	83.67	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	10.45875	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	7.02828	1 Ltr
9	<p><b>Roofing (AR1135i) :.G.C.I. Sheet (0.40mm thick) in walling -</b>  Supplying, fitting &amp; 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.</p>	-	56	Sqm

i)	<b>BRMMR0036</b> : Add for cost of Bolts & Nuts in GI Sheet walling	0.10752688172043	6.0215053763441	L.S.
ii)	<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	1	56	1 Sqm.
10	<b>Iron Work(AR1703)</b> :.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.	-	12	Qntl
i)	<b>BRM341</b> : Steel	1	12	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	64.515	1 Qntl.	568.732	36691.74498
2	<b>BRM028</b>	11.2512	1 Cum	548.19	6167.795328
3	<b>BRM044</b>	13.824	1 Cum.	1421.31	19648.18944
4	<b>BRM056</b>	5.4	1 Cum.	1867.93	10086.822
5	<b>BRM131</b>	25.08	1 Sqm.	661.2375001	16583.836502508
6	<b>BRMMR0027</b>	81.08	1 Sqm	8.5	689.18
7	<b>BRM133</b>	56	1 Sqm.	589.5875001	33016.9000056
8	<b>CON026</b>	7.7	1000 kg	0	0
9	<b>BRMMR0038</b>	77.28	kg	30	2318.4
10	<b>BRM255</b>	10.45875	1 Ltr	195.09732	2040.47409555
11	<b>BRM252</b>	7.02828	1 Ltr	125.80732	884.2090710096
12	<b>BRMMR0036</b>	6.0215053763441	L.S.	30	180.64516129032
13	<b>BRM150</b>	56	1 Sqm.	334.3266733	18722.2937048
14	<b>BRM341</b>	12	1 Qntl.	6610.727	79328.724
<b>Total: 226359.21428876</b>					