

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Naktideul	Gram Panchayat	Panimura

Work Code	OD/371/3564/121391/382100/00038399 (MAINTENANCE OF PANIMURA MARKET COMPLEX)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Naktideul	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	Market Complex	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/371/3564/121391/382100/00038399/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	400000

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	-	2.68443264	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.	-	10.0567681536	Cum
i)	BRM029 : Sand for filling and road blinding	1	10.0567681536	1 Cum
3	Masonry Brick Work (AR0602bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure having crushing strength not less than 75.00 Kg/cm2 immersing the with dimensional tolerance ± 8 percent immersing 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.	-	1.7806736512	Cum
i)	BRM340 : Cement	1	1.7806736512	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.498588622336	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./Cm2 with dimensional tolerance ± 2 %	350	623.23577792	1000 Nos

4	<p>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.</p>	-	60.899310045	Sqm
5	<p>Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.</p>	-	5.30090496	Cum
i)	<p>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</p>	0.96	5.0888687616	1 Cum.
ii)	<p>BRM340 : Cement</p>	1.72	9.1175565312	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	2.5444343808	1 Cum

6	<p>Flooring (AR0817ab) :.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) - 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.</p>	-	91.516422725	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 Ia) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</p>	1	91.516422725	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	12.583508124688	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	1.372746340875	1 Cum
7	<p>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</p>	-	20.43866	Sqm

i)	BRM149 : G.C.I. Sheet 0.30mm thick	1	20.43866	1 Sqm
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.	-	23.17091819328	Cum
i)	BRM340 : Cement	2.29	53.061402662611	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.122040732774	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.244081465549	1 Cum.
9	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.	-	4.94064730368	Cum
i)	BRM340 : Cement	3.23	15.958290790886	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.223291286656	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	4.446582573312	1 Cum.
10	Flooring (AR0817aa) :.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.	-	3.67431365	Sqm
i)	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	3.67431365	1 Sqm.
ii)	BRM340 : Cement	0.1375	0.505218126875	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.05511470475	1 Cum

11	<p>Other Building Items. (AR1902) :.cement based wall putty (water based) - 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&P,etc.complete. and as per the direction of Engineer in Charge.</p>	-	0.092903	Sqm
12	<p>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)</p>	-	0.092903	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	0.011612875	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	0.007803852	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	10.0567681536	1 Cum	73.25	736.6582672512
2	BRM028	17.816216068191	1 Cum	112.25	1999.8702536545
3	BRM044	27.332950227149	1 Cum.	221.5	6054.2484753135
4	BRM056	4.446582573312	1 Cum.	221.5	984.91803998861
Total: 9775.6950362078					