

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sambalpur	<b>Block</b>	Naktideul	<b>Gram Panchayat</b>	Panimura

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

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Naktideul	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	07-02-2026	<b>Date of Completion</b>	08-03-2026
<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>	SANJAYA HEMBRAM		

### Administrative Approval Details

<b>Approval No.</b>	OD/371/3564/121391/382100/00038399/AS
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### Technical Sanction Details

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

### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>2.68443264</b>	Cum

2	<b>Earth Work (AR0115)</b> :.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)	<b>BRM029</b> : Sand for filling and road blinding	1	10.0567681536	1 Cum
3	<b>Masonry Brick Work (AR0602bi)</b> :.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/cm <sup>2</sup> 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)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1.7806736512	1 Cum
ii)	<b>BRM340</b> : Cement	1	1.7806736512	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.498588622336	1 Cum
iv)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance ± 2 %	350	623.23577792	1000 Nos

4	<b>Dismantling (AR1612)</b> : <b>Dismantling and removing 2.5 cm. thick artificial stone flooring</b> - 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.	-	<b>60.899310045</b>	Sqm
5	<b>Concrete (AR0304)</b> : <b>Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal</b> - 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.	-	<b>5.30090496</b>	Cum
i)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	5.0888687616	1 Cum.
ii)	<b>BRM340</b> : Cement	1.72	9.1175565312	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	2.5444343808	1 Cum

6	<p><b>Flooring (AR0817ab)</b>  <b>:.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.</b></p>	-	91.516422725	Sqm
i)	<p><b>BRM132</b> : 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	91.516422725	1 Sqm.
ii)	<p><b>BRMMR0027</b> : Wax Polish</p>	1	91.516422725	1 Sqm
iii)	<p><b>CON026</b> : cement (Other way)</p>	0.1375	12.583508124688	1000 kg
iv)	<p><b>BRM340</b> : Cement</p>	0.1375	12.583508124688	1 Qntl.
v)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	1.372746340875	1 Cum

7	<b>Roofing (AR1132)</b> :.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	-	20.43866	Sqm
i)	<b>BRM149</b> : G.C.I. Sheet 0.30mm thick	1	20.43866	1 Sqm
8	<b>Concrete (AR0303)</b> :.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)	<b>BRM340</b> : Cement	2.29	53.061402662611	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	11.122040732774	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.244081465549	1 Cum.

9	<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 specifaion and direction of Engineer-in charge.</p>	-	<b>4.94064730368</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23	15.958290790886	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	2.223291286656	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	4.446582573312	1 Cum.
10	<p><b>Flooring (AR0817aa)</b>  <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) -</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) 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>	-	<b>3.67431365</b>	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	3.67431365	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	3.67431365	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	0.505218126875	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.05511470475	1 Cum
11	<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&P,etc.complete. and as per the direction of Engineer in Charge.	-	<b>0.092903</b>	Sqm
i)	<b>BRMMR0038</b> : Cement based putty	0.8	0.0743224	kg
12	<b>Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer -</b> 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)	-	<b>0.092903</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	0.011612875	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	0.007803852	1 Ltr

13	<p><b>Concrete (AR0318)</b>  <b>:.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b> - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	-	<b>0.092903</b>	Sqm
i)	<b>BRM340</b> : Cement	0.1287	0.0119566161	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.001672254	1 Cum
iii)	<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	0.001672254	1 Cum.
iv)	<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)	0.018	0.001672254	1 Cum.
14	<p><b>Painting(AR0901a)</b>  <b>:.Priming one coat in inner surface with primer of approved quality over woodwork</b> - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</p>	-	<b>0.092903</b>	Sqm
i)	<b>BRM138</b> : Wood Primer	0.075	0.006967725	1 Litre

15	<b>Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -</b> Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	<b>0.092903</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.075	0.006967725	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	10.0567681536	1 Cum	372.05	3741.6205915469
2	<b>BRMMR0025</b>	1.7806736512	1 Cum	33	58.7622304896
3	<b>BRM340</b>	93.01860650356	1 Qntl.	614.347	57145.701849643
4	<b>BRM028</b>	17.817888322191	1 Cum	873.69	15567.310848215
5	<b>BRM005</b>	623.23577792	1000 Nos	7.0421	4388.8886716904
6	<b>BRM044</b>	27.332950227149	1 Cum.	1746.81	47745.470786286
7	<b>BRM132</b>	91.516422725	1 Sqm.	714.6922231	65406.07560749
8	<b>BRMMR0027</b>	95.190736375	1 Sqm	8.5	809.1212591875
9	<b>CON026</b>	12.583508124688	1000 kg	0	0
10	<b>BRM149</b>	20.43866	1 Sqm	318.608172	6511.9241007295
11	<b>BRM056</b>	4.448254827312	1 Cum.	2193.43	9756.935585871
12	<b>BRM131</b>	3.67431365	1 Sqm.	672.6922231	2471.6822175852
13	<b>BRMMR0038</b>	0.0743224	kg	30	2.229672
14	<b>BRM255</b>	0.011612875	1 Ltr	195.33512	2.26840233167
15	<b>BRM252</b>	0.007803852	1 Ltr	126.04512	0.98363746180224
16	<b>BRM064</b>	0.001672254	1 Cum.	1601.81	2.67863317974
17	<b>BRM138</b>	0.006967725	1 Litre	155.32787	1.0822818829958
18	<b>BRM140</b>	0.006967725	1 Litre	249.58787	1.7390596414958

**Total: 213614.47543523**