

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Madanpur Rampur	Gram Panchayat	M.Rampur

Work Code	OD/358/3419/118814/422708/00069328 (CONSTRUCTION OF AEE CHAMBER IN BLOCK BUILDING M.RAMPUR)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Madanpur Rampur	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Construction of Non Residential Building	Scheme Component Name	CONSTRUCTION OF NON-RESIDENTIAL BUILDING
Project Sub-Category	Office Building	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	32249
Fund Sanction Amount (in Rs.)	500000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">R.C.C. Work (AR0404Ac) :</p> <p>First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	0.97423	16080.648950773	15666.250627312
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2	<p style="text-align: center;">R.C.C. Work (AR0404Ad) :</p> <p>First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	4.7475125	14410.885960226	68415.861232247
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3	<p style="text-align: center;">R.C.C. Work (AR0404Ae) :</p> <p>First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)</p>	Cum	1.646875	15942.563818318	26255.409788292
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4	<p style="text-align: center;">R.C.C. Work (AR0404Af) : First Floor -</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)</p>	Sqm	1.053	8249.2891571352	8686.5014824634
5	<p style="text-align: center;">R.C.C. Work (AR0404Ag) : First Floor -</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	2.216375	13976.006171257	30976.07067782

6	<p>R.C.C. Work (AR0409) : First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	10.5798	8713.5210658	92187.310171951
7	<p>Masonry Brick Work (AR0603ci) : First floor - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks 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.</p>	Cum	47.815425	5243.415311888	250716.13158943
Total Amount (in Rs.): 492903.53556952					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>R.C.C. Work (AR0404Ac) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	-	0.97423	Cum
i	Un-Skilled	1.533295	1.49378198785	-
ii	Skilled	6.4015	6.236533345	-
iii	Semi-Skilled	6.352395	6.18869378085	-
2	<p>R.C.C. Work (AR0404Ad) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	-	4.7475125	Cum

	i	Un-Skilled	1.533295	7.2793371786875	-
	ii	Skilled	2.8075	13.32864134375	-
	iii	Semi-Skilled	2.758395	13.095514742437	-
3		R.C.C. Work (AR0404Ae) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)	-	1.646875	Cum
	i	Un-Skilled	1.533295	2.525145203125	-
	ii	Skilled	6.055	9.971828125	-
	iii	Semi-Skilled	6.005895	9.890958328125	-

4	R.C.C. Work (AR0404Af) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)	-	1.053	Sqm
i	Un-Skilled	0.0958309375	0.1009099771875	-
ii	Skilled	3.6371875	3.8299584375	-
iii	Semi-Skilled	3.6341184375	3.8267267146875	-

5	<p>R.C.C. Work (AR0404Ag) : First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	2.216375	Cum
i	Un-Skilled	1.533295	3.398356705625	-
ii	Skilled	3.7813	8.3807787875	-
iii	Semi-Skilled	3.732195	8.271943693125	-
6	<p>R.C.C. Work (AR0409) : First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	10.5798	Qntl
i	Un-Skilled	0.84	8.887032	-

	ii	Highly-Skilled	0.315	3.332637	-
	iii	Semi-Skilled	0.0462	0.48878676	-
7		Masonry Brick Work (AR0603ci) : First floor - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks 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.	-	47.815425	Cum
	i	Un-Skilled	3.404	162.7637067	-
	ii	Skilled	1.2075	57.7371256875	-
	iii	Highly-Skilled	0.4025	19.2457085625	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	186.44826975247	462	86139.100625643
2	Skilled	99.48486572625	562	55910.494538152
3	Semi-Skilled	41.762624019225	512	21382.463497843
4	Highly-Skilled	22.5783455625	612	13817.94748425

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	R.C.C. Work (AR0404Ac) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	0.97423	Cum
i)	BRM340 : Cement	3.4733	3.383793059	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.4384035	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.3507228	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.5260842	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.30352	5.1668482896	1Mtr

vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.048550557204	1Cum.
2	R.C.C. Work (AR0404Ad) :First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	4.7475125	Cum
i)	BRM340 : Cement	3.4733	16.48953516625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.136380625	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.7091045	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	2.56365675	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	4.5234	21.4748980425	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.4223396615025	1Cum.

3	R.C.C. Work (AR0404Ae) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)	-	1.646875	Cum
i)	BRM340 : Cement	3.4733	5.7200909375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.74109375	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.592875	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.8893125	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	1.404	2.3122125	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.057672	0.094978575	1Cum.

4	R.C.C. Work (AR0404Af) :First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)	-	1.053	Sqm
i)	BRM340 : Cement	0.21708125	0.22858655625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.028125	0.029615625	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.0225	0.0236925	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.03375	0.03553875	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	7.392	7.783776	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.059664	0.062826192	1Cum.

5	R.C.C. Work (AR0404Ag) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	2.216375	Cum
i)	BRM340 : Cement	3.4733	7.6981352875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.99736875	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.797895	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.1968425	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	7.46592	16.54727844	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.13356017598	1Cum.

6	R.C.C. Work (AR0409) :.First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-		10.5798	Qntl
i)	BRM162 : Binding Wire.	0.8		8.46384	1 Kg.
ii)	BRM341 : Steel	1.05		11.10879	1 Qntl.
7	Masonry Brick Work (AR0603ci) :.First floor - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks 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.	-		47.815425	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1		47.815425	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400		19126.17	1000 Nos
iii)	BRM340 : Cement	0.672		32.1319656	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28		13.388319	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	65.6521066065	1 Qntl.	638.282	41904.55790901

2	BRM028	17.73118125	1 Cum	483.09	8565.7563500625
3	BRM060	3.4742898	1 Cum.	1931.41	6710.278062618
4	BRM052	5.2114347	1 Cum.	1916.41	9987.245573427
5	BRM084	29.4979027296	1Mtr	250.166	7379.3723342531
6	BRM104	0.7622551616865	1Cum.	58573.086	44647.637139407
7	BRM094	23.7871105425	1Mtr.	240.106	5711.4279639175
8	BRM162	8.46384	1 Kg.	90.1	762.591984
9	BRM341	11.10879	1 Qntl.	6427.122	71397.54860238
10	BRMMR0025	47.815425	1 Cum	33	1577.909025
11	BRM006	19126.17	1000 Nos	5.01128	95846.5931976
Total: 294490.91814168					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	17.73118125	1 Cum	82.25	1458.3896578125
2	BRM060	3.4742898	1 Cum.	252.5	877.2581745
3	BRM052	5.2114347	1 Cum.	252.5	1315.88726175
Total: 3651.5350940625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5000	Rs. 5000
2	Display Citizen Board @ Rs. 2096.46	Rs. 2096.46
Total Addition Component Amount (in Rs.): 7096.46		

Total Net Amount (in Rs.): 499999.99556952