

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Khaira	Gram Panchayat	Achutipur

Work Code	OD/346/3304/116200/393471/00063507 (Const of Bhogamandap at Gayatri Ashram Nuasahi GP Achyutipur)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Khaira	Proposal Date	16-09-2025
Date of Commencement	-	Date of Completion	
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Chief Minister Special Assistance (CM-SA)
Project Sub-Category	Community Centre	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.	
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;">Pile Foundation (AR1501bd) : Single under reamed pile foundation 300 mm dia and 4.5 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips -</p> <p>Single under reamed pile foundation 300 mm dia and 4.5 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.5 meter long)</p>	Nos	22	4655.64714226	102424.23712972
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2	<p style="text-align: center;">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.</p>	Cum	3.0690117657408	6825.8515587	20948.61874485
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3	<p style="text-align: center;">R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	13.42639372992	6928.923870539	93030.460010498
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4	<p style="text-align: center;">R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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	20	8421.6029474	168432.058948
5	<p style="text-align: center;">R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	55.55506497	216.23489289764	12012.943523709

6	<p style="text-align: center;">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.</p>	Cum	9.8107517952	1596.207232	15659.992966855
7	<p style="text-align: center;">R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm</p>	Sqm	30.3049586	1047.3822930467	31740.877029153

8	<p style="text-align: center;">Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm 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	9.31915232544	5510.55209776	51353.674396298
Total Amount (in Rs.): 495602.86274908					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	Pile Foundation (AR1501bd) : Single under reamed pile foundation 300 mm dia and 4.5 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips - Single under reamed pile foundation 300 mm dia and 4.5 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.5 meter long)	-	22	Nos
i	Highly-Skilled	1.8	39.6	-
ii	Un-Skilled	0.573	12.606	-
iii	Skilled	0.043	0.946	-
iv	Semi-Skilled	0.025	0.55	-

2	<p>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.</p>	-	3.0690117657408	Cum
i	Skilled	0.18	0.55242211783334	-
ii	Un-Skilled	3.9	11.969145886389	-
3	<p>R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	13.42639372992	Cum

	i	Un-Skilled	1.3333	17.901410760102	-
	ii	Skilled	0.1	1.342639372992	-
	iii	Semi-Skilled	0.0573	0.76933236072442	-
4		R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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.	-	20	Qntl
	i	Un-Skilled	0.8	16	-
	ii	Highly-Skilled	0.3	6	-
	iii	Semi-Skilled	0.044	0.88	-

5	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	55.55506497	Sqm
i	Semi-Skilled	0.05	2.7777532485	-
ii	Skilled	0.05	2.7777532485	-
6	<p>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.</p>	-	9.8107517952	Cum
i	Un-Skilled	0.1236	1.2126089218867	-

7	<p>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm</p>	-	30.3049586	Sqm
i	Semi-Skilled	0.6547619047619	19.842532416667	-
ii	Skilled	0.6547619047619	19.842532416667	-
8	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm 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>	-	9.31915232544	Cum
i	Un-Skilled	2.96	27.584690883302	-

ii	Skilled	1.05	9.785109941712	-
iii	Highly-Skilled	0.35	3.261703313904	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	48.861703313904	612	29903.362428109
2	Un-Skilled	87.273856451681	462	40320.521680676
3	Skilled	35.246457097704	562	19808.50888891
4	Semi-Skilled	24.819618025891	512	12707.644429256
Total:				102740.03742695

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Pile Foundation(AR1501b d) :.Single under reamed pile foundation 300 mm dia and 4.5 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips -</p> <p>Single under reamed pile foundation 300 mm dia and 4.5 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.5 meter long)</p>	-	22	Nos
i)	BRM178 : Bentonite powder	0.9	19.8	1Qntl
ii)	BRM342 : Tripod	0.36	7.92	Per day
iii)	BRM340 : Cement	1.632	35.904	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.194	4.268	1 Cum
v)	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)	0.387	8.514	1 Cum.

2	<p>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.</p>	-	3.0690117657408	Cum
i)	BRM340 : Cement	2.29	7.0280369435464	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.4731256475556	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.9462512951112	1 Cum.
3	<p>R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	13.42639372992	Cum
i)	BRM340 : Cement	3.4733	46.633893342131	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.041877178464	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	4.8335017427712	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	7.2502526141568	1 Cum.
4	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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.	-	20	Qntl
i)	BRM162 : Binding Wire.	0.8	16	1 Kg.
ii)	BRM341 : Steel	1.05	21	1 Qntl.

5	<p>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	55.55506497	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1483320234699	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.99993818622	1Mtr.
6	<p>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.</p>	-	9.8107517952	Cum
i)	BRM029 : Sand for filling and road blinding	1	9.8107517952	1 Cum
7	<p>R.C.C. Work (AR0410d) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm</p>	-	30.3049586	Sqm

i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	16.739881893333	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.15729716606667	1Cum.
8	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm 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.	-	9.31915232544	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	9.31915232544	1 Cum
ii)	BRM340 : Cement	0.672	6.2624703626957	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.6093626511232	1 Cum
iv)	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	3261.703313904	1000 Nos

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM178	19.8	1Qntl	337.87	6689.826
2	BRM342	7.92	Per day	450	3564
3	BRM340	95.828400648373	1 Qntl.	561.987	53854.315395177
4	BRM028	14.392365477143	1 Cum	1085.99	15629.964984522

5	BRM056	8.514	1 Cum.	1998.13	17012.07882
6	BRM044	2.9462512951112	1 Cum.	1596.76	4704.4562179817
7	BRM060	4.8335017427712	1 Cum.	2020.18	9764.5435507115
8	BRM052	7.2502526141568	1 Cum.	1983.8	14383.051135964
9	BRM162	16	1 Kg.	90	1440
10	BRM341	21	1 Qntl.	6210.797	130426.737
11	BRM104	0.30562918953657	1Cum.	58573.086	17901.644802836
12	BRM092	6.99993818622	1Mtr.	229.106	1603.7278380921
13	BRM029	9.8107517952	1 Cum	1081.05	10605.913228201
14	BRM084	16.739881893333	1Mtr	250.166	4187.7492937276
15	BRMMR0025	9.31915232544	1 Cum	33	307.53202673952
16	BRM005	3261.703313904	1000 Nos	6.8018	22185.453600512
Total: 314260.99389447					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	14.392365477143	1 Cum	442.25	6365.0236322664
2	BRM056	8.514	1 Cum.	1125.5	9582.507
3	BRM044	2.9462512951112	1 Cum.	1125.5	3316.0058326476
4	BRM060	4.8335017427712	1 Cum.	1125.5	5440.106211489
5	BRM052	7.2502526141568	1 Cum.	1125.5	8160.1593172335
6	BRM029	9.8107517952	1 Cum	442.25	4338.8049814272
Total: 37202.606975064					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 397.1	Rs. 397.1
2	Display Citizen Board @ Rs. 4000	Rs. 4000
Total Addition Component Amount (in Rs.): 4397.1		

Total Net Amount (in Rs.): 499999.96274908