

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Baleshwar	Panchayat	Chanua
Work Code	OD/346/3299/116067/392600/00016720 (Repair & Renovation of Kamachandi Thakurani, Vill/G.P.- Chhanua)						
Project Category	Religious Structures						
Financial Year	2023-24			Execution Level	Chanua, G.P		
Executing Agency	Panchayat Samiti, Baleshwar			Proposal Date	-		
Date of Commencement	-			Date of Completion			
Scheme Name	Chief Minister Special Assistant			Scheme Component Name	Self/Personal Deposit		
Project Sub-Category	Religious Structures			Project Type	Renovation or Rejuvenation		
Name of Executant	MAMATA HANSDA						

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	300000

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;">Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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	3.05538272	5123.187688984	15653.299136238
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2	<p style="text-align: center;">Masonry Brick Work (AR0603bi) :</p> <p>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 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	3.5442439552	5156.517688984	18275.956649063
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3	<p style="text-align: center;">Earth Work (AR0101a14) : Earthwork in ordinary soil within 75m to 100m lead and three extra lift - Earthwork in ordinary soil within 75m to 100m lead and three extra 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 direction of the Engineer-in-charge.</p>	Cum	23.220625504	218.21656	5067.1250185311
4	<p style="text-align: center;">Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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	23.220625504	1788.666772	41533.961264061

5	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	15.32561283264	6348.63581838	97296.734567922
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6	<p>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 and as per direction of Engineer-in charge.</p>	Cum	14.31733653504	7975.86526906	114193.14721527
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1	Masonry Brick Work (AR06 03b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P require	3.0553 8272	Cubic Meter	2.82	8.6161 792704	-	-	1.05	3.2081 51856	0.35	1.0693 83952
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2	<p>Masonry Brick Work (AR06 03bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</p> <p>- 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 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</p>	3.5442 439552	Cubic Meter	2.82	9.9947 679536 64	-	-	1.05	3.7214 561529 6	0.35	1.2404 853843 2
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3	<p>Earth Work (AR01 01a14) : Earthwork in ordinary soil within 75m to 100m lead and three extra lift - Earthwork in ordinary soil within 75m to 100m lead and three extra 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 direction of the Engineer-in-charge.</p>	23.220 625504	Cubic Meter	0.478	11.099 458990 912	-	-	-	-	-	-
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4	<p>Earth Work (AR01 15a) : Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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>	23.220 625504	Cubic Meter	0.1236	2.8700 693122 944	-	-	-	-	-	-
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5	<p>Concrete (AR03 03a) : Cement concrete (1:3:6) with 4 cm. hard granite (Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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</p>	15.325 612832 64	Cubic Meter	3.9	59.769 890047 296	-	-	0.18	2.7586 103098 752	-	-
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6	<p>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</p>	14.317 336535 04	Cubic Meter	4.6	65.859 748061 184	-	-	0.68	9.7357 888438 272	-	-
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7	R.C.C. Work (AR04 10c) : R.C.C. foundation , plinth band and footing s bases of column s mass concret e precast slabs etc - Rigid and smooth centerin g and shutteri ng for R.C.C. works includi ng false works and dismant ling them after casting includi ng cost of materia ls complet e in ground floor R.C.C. foundat ion, plinth band and footing s bases of column s mass concret e precast slabs, etc	8.7076 12384	Square Meter	-	-	0.05	0.4353 806192	0.05	0.4353 806192	-	-
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Total Qty	158.21011363575	0.4353806192	19.859387781862	2.30986933632
Rate Per Man Day	452	502	552	602
Total Amount	71510.971363359	218.5610708384	10962.382055588	1390.5413404646
Total Labour Amount (in Rs.): 84082.45583025				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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.	-	3.05538272	Cum
i)	BRM340 : Cement	0.672	2.05321718784	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.8555071616	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	1069.383952	1000 Nos

2	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/cm ² 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.	-	3.5442439552	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	3.5442439552	1 Cum
ii)	BRM340 : Cement	0.672	2.3817319378944	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.992388307456	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./Cm ² with dimensional tolerance ± 2 %	350	1240.48538432	1000 Nos

3	<p>Earth Work (AR0101a14) :.Earthwork in ordinary soil within 75m to 100m lead and three extra lift - Earthwork in ordinary soil within 75m to 100m lead and three extra 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 direction of the Engineer-in-charge.</p>	-	23.220625504	Cum
4	<p>Earth Work (AR0115a) :.Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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>	-	23.220625504	Cum
i)	<p>BRM026 : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve</p>	1	23.220625504	1 Cum

5	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	15.32561283264	Cum
i)	BRM340 : Cement	2.29	35.095653386746	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.3562941596672	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	14.712588319334	1 Cum.
6	<p>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 and as per direction of Engineer-in charge.</p>	-	14.31733653504	Cum

i)	BRM340 : Cement	3.23	46.244997008179	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.442801440768	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	12.885602881536	1 Cum.
7	R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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	-	8.707612384	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.02324932506528	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.097159160384	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	85.775599520659	1 Qntl.	544.127	46672.819640378
2	BRM028	15.646991069491	1 Cum	548.19	8577.5240343844
3	BRM005	2309.86933632	1000 Nos	6.4484	14894.961428326
4	BRMMR0025	3.5442439552	1 Cum	33	116.9600505216

5	BRM026	23.220625504	1 Cum	1301.84	30229.539106127
6	BRM045	14.712588319334	1 Cum.	1952.87	28731.772351179
7	BRM056	12.885602881536	1 Cum.	2562.13	33014.58971087
8	BRM104	0.0232493250652 8	1Cum.	58573.086	1361.7847164906
9	BRM092	1.097159160384	1Mtr.	229.106	251.36574659894
Total: 163851.31678487					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	15.646991069491	1 Cum	427.25	6685.1769344401
2	BRM005	2309.86933632	1000 Nos	0.04025	92.97224078688
3	BRM026	23.220625504	1 Cum	413.25	9595.923489528
4	BRM045	14.712588319334	1 Cum.	522.5	7687.3273968522
5	BRM056	12.885602881536	1 Cum.	522.5	6732.7275056026
Total: 30794.12756721					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1500	Rs. 1500
2	Provision for Contingency @ 1%	Rs. 2938.9431879383
3	Any Other Lumpsum @ Rs. 1666	Rs. 1666
Total Addition Component Amount (in Rs.): 6104.9431879383		

Total Net Amount (in Rs.): 299999.26198176