

BILLING DPR							
State	Odisha	District	Bargarh	Block	Bargarh	Gram Panchayat	Kalapani
Work Code	OD/347/3312/116382/380604/00016967 (IMPROVEMENT/COMPLETION OF KALYAN MANDAP AT KALAPANI)						
Project Category	Building						
Financial Year	2024-25		Execution Level		PS		
Executing Agency	Panchayat Samiti, Bargarh		Bill Status		2nd Bill		
Proposal Date	-		Date of Commencement		04-04-2025		
Date of Completion	-		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	Maintenance of Capital Assets		Project Sub-Category		Kalyan Mandap		
Project Type	Upgradation or Improvement		Name of Executant				

Administrative Approval Details

Approval No.	OD/347/3312/116382/380604/00016967/AS
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Technical Sanction Details

Technical Sanction No.	OD/347/3312/116382/380604/00016967/TS
Fund Sanction No.	28960
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Cum	112.446	628.752472	43199.890897769
2	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.	Cum	3.5814	5348.06270388	43199.890897769

3	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.	Qntl	7.5	9191.6701249	43199.890897769
4	R.C.C. Work (AR0404Bb) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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 Plinth band)(Nominal mix as per IS-456, Table-9)..	Cum	6.2514	6724.822491607	43199.890897769
5	Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	Cum	8.76792	4927.039810784	43199.890897769
Total Amount (in Rs.): 244031.22439274					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	112.446	Cum
i	Un-Skilled	0.1236	13.8983256	-
2	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.	-	3.5814	Cum
i	Skilled	0.18	0.644652	-
ii	Un-Skilled	3.9	13.96746	-

3	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.	-	7.5	Qntl
i	Un-Skilled	0.8	6	-
ii	Highly-Skilled	0.3	2.25	-
iii	Semi-Skilled	0.044	0.33	-
4	R.C.C. Work (AR0404Bb) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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 Plinth band)(Nominal mix as per IS-456, Table-9)..	-	6.2514	Cum
i	Un-Skilled	1.3333	8.33499162	-
ii	Skilled	0.35	2.18799	-
iii	Semi-Skilled	0.3073	1.92105522	-
5	Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	8.76792	Cum
i	Un-Skilled	2.96	25.9530432	-
ii	Skilled	1.05	9.206316	-
iii	Highly-Skilled	0.35	3.068772	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	68.15382042	452	30805.52682984
2	Skilled	12.038958	552	6645.504816
3	Highly-Skilled	5.318772	602	3201.900744
4	Semi-Skilled	2.25105522	502	1130.02972044
Total:				41782.96211028

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	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.	-	112.446	Cum
i)	BRM029 : Sand for filling and road blinding	1	112.446	1 Cum
2	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.	-	3.5814	Cum
i)	BRM340 : Cement	2.29	8.201406	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.719072	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.438144	1 Cum.
3	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.	-	7.5	Qntl
i)	BRM162 : Binding Wire.	0.8	6	1 Kg.
ii)	BRM341 : Steel	1.05	7.875	1 Qntl.
4	R.C.C. Work (AR0404Bb) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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 Plinth band)(Nominal mix as per IS-456, Table-9)..	-	6.2514	Cum
i)	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	2.250504	1 Cum.
ii)	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	3.375756	1 Cum.
iii)	BRM340 : Cement	3.4733	21.71298762	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.81313	1 Cum
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.08345619	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	3.938382	1Mtr.

5	Masonry Brick Work (AR0603c) :Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	8.76792	Cum
i)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	400	3507.168	1000 Nos
ii)	BRM340 : Cement	0.672	5.89204224	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.4550176	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	112.446	1 Cum	401.41	45136.94886
2	BRM340	35.80643586	1 Qntl.	558.044	19981.566693058
3	BRM028	6.9872196	1 Cum	409.04	2858.052305184
4	BRM044	3.438144	1 Cum.	1354.39	4656.58785216
5	BRM162	6	1 Kg.	90.1	540.6
6	BRM341	7.875	1 Qntl.	6836.242	53835.40575
7	BRM060	2.250504	1 Cum.	1815.86	4086.60019344
8	BRM052	3.375756	1 Cum.	1747.75	5899.977549
9	BRM104	0.08345619	1Cum.	58601.622	4890.6680999402
10	BRM092	3.938382	1Mtr.	257.642	1014.692615244
11	BRM006	3507.168	1000 Nos	5.24616	18399.16447488
Total: 161300.26439291					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	112.446	Cum
i)	BRM029 : Sand for filling and road blinding	1	112.446	1 Cum
2	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.	-	3.5814	Cum
i)	BRM340 : Cement	2.29	8.201406	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.719072	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.438144	1 Cum.
3	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.	-	7.5	Qntl
i)	BRM341 : Steel	1.05	7.875	1 Qntl.
4	R.C.C. Work (AR0404Bb) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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 Plinth band)(Nominal mix as per IS-456, Table-9)..	-	6.2514	Cum
i)	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	2.250504	1 Cum.
ii)	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	3.375756	1 Cum.
iii)	BRM340 : Cement	3.4733	21.71298762	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.81313	1 Cum
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.08345619	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.019191798	1Mtr.
5	Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	8.76792	Cum
i)	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	3507.168	1000 Nos
ii)	BRM340 : Cement	0.672	5.89204224	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.4550176	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	112.446	1 Cum	165.25	18581.7015
2	BRM028	6.9872196	1 Cum	165.25	1154.6380389
3	BRM044	3.438144	1 Cum.	249.5	857.816928
4	BRM060	2.250504	1 Cum.	249.5	561.500748

5	BRM052	3.375756	1 Cum.	249.5	842.251122
6	BRM006	3507.168	1000 Nos	0.04025	141.163512
Total: 22139.0718489					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 2440.3122439274
Total Addition Component Amount (in Rs.): 2440.3122439274		

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 2464.7153663667
2	Royalty @ Rs. 5481.286086	Rs. 5481.286086
3	Additional Royalty @ Rs. 15835.59285	Rs. 15835.59285
4	EMF @ Rs. 274.0643043	Rs. 274.0643043
5	DMF @ Rs. 548.1286086	Rs. 548.1286086
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 12 x 3.945) @ 287.985	Rs. 287.985
7	Labour Cess @ 1%	Rs. 2464.7153663667
Total Deduction Component Amount (in Rs.): 27356.487581633		

Total Net Amount (in Rs.): 219115.04905503