

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Tumudibandh	Gram Panchayat	Tumudibandh

Work Code	OD/359/3433/119018/416964/00066157 (Completion of incomplete Kalyan Mandap at Tumudibandha)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Tumudibandh	Proposal Date	22-07-2024
Date of Commencement	-	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.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	975
Fund Sanction Amount (in Rs.)	1000000

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>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. (including centring and shuttering) complete and as per direction of Engineer-in- charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	15.623852732608	13868.21447543	216674.94062834
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2	<p style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	28.093203468	12114.3454925	340330.77280245
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3	<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	45	9539.0373645	429256.6814025
Total Amount (in Rs.): 986262.39483329					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	15.623852732608	Cum
i	Un-Skilled	1.3333	20.831282848386	-
ii	Skilled	5.33875	83.411843776211	-
iii	Semi-Skilled	5.29605	82.744705264529	-

2	R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	28.093203468	Cum
i	Un-Skilled	1.3333	37.456668183884	-
ii	Skilled	3.15525	88.641080242407	-
iii	Semi-Skilled	3.11255	87.441500454323	-

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.	-	45	Qntl
i	Un-Skilled	0.8	36	-
ii	Highly-Skilled	0.3	13.5	-
iii	Semi-Skilled	0.044	1.98	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	94.287951032271	462	43561.033376909
2	Skilled	172.05292401862	562	96693.743298463
3	Semi-Skilled	172.16620571885	512	88149.097328052
4	Highly-Skilled	13.5	612	8262
Total: 236665.87400342				

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>R.C.C. Work (AR0404Ac) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	-	15.623852732608	Cum
i)	BRM340 : Cement	3.4733	54.266327696167	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.0307337296736	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	5.6245869837389	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	8.4368804756083	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	69.051179537034	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.64884298013248	1Cum.

2	<p>R.C.C. Work (AR0404Ag) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	28.093203468	Cum
i)	BRM340 : Cement	3.4733	97.576123605404	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	12.6419415606	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	10.11355324848	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	15.17032987272	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	174.78467469651	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1.4107620171932	1Cum.

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.	-	45	Qntl
i)	BRM162 : Binding Wire.	0.8	36	1 Kg.
ii)	BRM341 : Steel	1.05	47.25	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	151.84245130157	1 Qntl.	602.907	91546.876786877
2	BRM028	19.672675290274	1 Cum	417.99	8222.9815445815
3	BRM060	15.738140232219	1 Cum.	1759.78	27695.664417854
4	BRM052	23.607210348328	1 Cum.	1723.4	40684.666314309
5	BRM084	243.83585423354	1Mtr	250.166	60999.440310189
6	BRM104	2.0596049973257	1Cum.	58573.086	120637.42063439
7	BRM162	36	1 Kg.	90.1	3243.6
8	BRM341	47.25	1 Qntl.	7103.687	335649.21075
Total: 688679.8607582					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	19.672675290274	1 Cum	40.25	791.82518043351
2	BRM060	15.738140232219	1 Cum.	149.5	2352.8519647167
3	BRM052	23.607210348328	1 Cum.	149.5	3529.2779470751
Total: 6673.9550922253					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 9862.6239483329
2	Display Citizen Board @ Rs. 3850	Rs. 3850
Total Addition Component Amount (in Rs.): 13712.623948333		

Total Net Amount (in Rs.): 999975.01878162