

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Bargarh	Panchayat	Khuntpali

Work Code	OD/347/3312/116386/380638/00016496 (Repairing Of Mandap At Uparpada,Khuntpali)						
Project Category	Building						

Financial Year	2024-25	Execution Level	Khuntpali, G.P
Executing Agency	Panchayat Samiti, Bargarh	Proposal Date	-
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	Repair and Maintenance
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.)	200000

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;">Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial 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 the direction of the Engineer-in-charge</p>	Cum	3.474	235.56432	818.35044768
2	<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	18.792	502.502472	9443.026453824

3	<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>	Cum	3.2765	5196.00278008	17024.703108932
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4	<p style="text-align: center;">R.C.C.</p> <p>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	1.67625	5508.8543828616	9234.2171592718
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5	<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 -</p> <p>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	3	9191.6701249	27575.0103747
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6	<p style="text-align: center;">Flooring (AR0817aa) :</p> <p>Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm -</p> <p>Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	51.44	1632.435063501	83972.459666491
Total Amount (in Rs.): 148067.7672109					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial 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 the direction of the Engineer-in-charge</p>	3.474	235.56432	Cum
i	Un-Skilled	0.516	1.792584	-
2	<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>	18.792	502.502472	Cum
i	Un-Skilled	0.1236	2.3226912	-

3	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.	3.2765	5196.00278008	Cum
i	Skilled	0.18	0.58977	-
ii	Un-Skilled	3.9	12.77835	-

4	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)	1.67625	5508.8543828616	Cum
i	Un-Skilled	1.3333	2.234944125	-
ii	Skilled	0.1	0.167625	-
iii	Semi-Skilled	0.0573	0.096049125	-

5	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.	3	9191.6701249	Qntl
i	Un-Skilled	0.8	2.4	-
ii	Highly-Skilled	0.3	0.9	-
iii	Semi-Skilled	0.044	0.132	-

6	<p>Flooring (AR0817aa) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm - Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.</p>	51.44	1632.435063501	Sqm
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i	Highly-Skilled	0.325	16.718	-
ii	Un-Skilled	0.325	16.718	-
iii	Semi-Skilled	0.76	39.0944	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	38.246569325	452	17287.4493349
4	Skilled	0.757395	552	418.08204
3	Semi-Skilled	39.322449125	502	19739.86946075

5	Highly-Skilled	17.618	602	10606.036
				Total: 48051.43683565

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial 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 the direction of the Engineer-in-charge	-	3.474	Cum
2	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.	-	18.792	Cum
i)	BRM029 : Sand for filling and road blinding	1	18.792	1 Cum

3	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.	-	3.2765	Cum
i)	BRM340 : Cement	2.29	7.503185	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.57272	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.14544	1 Cum.

4	<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>	-	1.67625	Cum
i)	BRM340 : Cement	3.4733	5.822119125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.7543125	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	0.60345	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	0.905175	1 Cum.

5	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.	-	3	Qntl
i)	BRM162 : Binding Wire.	0.8	2.4	1 Kg.
ii)	BRM341 : Steel	1.05	3.15	1 Qntl.

6	<p>Flooring (AR0817aa) :.Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm - Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.</p>	-		51.44	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1		51.44	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1		51.44	1 Sqm
iii)	BRM340 : Cement	0.1375		7.073	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015		0.7716	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	18.792	1 Cum	401.41	7543.29672
2	BRM340	20.398304125	1 Qntl.	560.422	11431.658394341
3	BRM028	3.0986325	1 Cum	409.04	1267.4646378
4	BRM044	3.14544	1 Cum.	1354.39	4260.1524816
5	BRM060	0.60345	1 Cum.	1815.86	1095.780717

6	BRM052	0.905175	1 Cum.	1747.75	1582.01960625
7	BRM162	2.4	1 Kg.	90.1	216.24
8	BRM341	3.15	1 Qntl.	6836.242	21534.1623
9	BRM131	51.44	1 Sqm.	662.3175001	34069.612205144
10	BRMMR0027	51.44	1 Sqm	8.5	437.24
Total: 83437.627062135					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	18.792	1 Cum	40.25	756.378
2	BRM028	3.0986325	1 Cum	40.25	124.719958125
3	BRM044	3.14544	1 Cum.	149.5	470.24328
4	BRM060	0.60345	1 Cum.	149.5	90.215775
5	BRM052	0.905175	1 Cum.	149.5	135.3236625
Total: 1576.880675625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2000	Rs. 2000
2	Any Other Lumpsum @ Rs. 49932	Rs. 49932
Total Addition Component Amount (in Rs.): 51932		

Total Net Amount (in Rs.): 199999.7672109