

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Korukonda	Gram Panchayat	Old-Chimitapalli

Work Code	OD/364/3482/119975/430944/00048639 (Renovation of Hari Mandir at MV-50 at Old Chmitapalli under CMSA for the year 2023-2024)
Project Category	Religious Structures

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Korukonda	Proposal Date	15-03-2024
Date of Commencement	-	Date of Completion	-
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Special Problem Fund (SPF) 16 th Phase
Project Sub-Category	Religious Structures	Project Type	Renovation or Rejuvenation
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/364/3482/119975/430944/00048639/TS
Fund Sanction No.	5186
Fund Sanction Amount (in Rs.)	200000

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	-	10.7784	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.	-	2.4477	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.4477	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.	-	6.3361	Cum
i)	BRM340 : Cement	2.29	14.509669	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.041328	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.082656	1 Cum.

4	<p>R.C.C. Work (AR0402) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting (To be used for minor repair work only) -</p> <p>'Reinforced cement concrete (1:1.5:3) work with 12mm 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. (To be used for minor repair work only)</p>	-	7.748206	Cum
i)	BRM340 : Cement	4.29	33.23980374	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.4866927	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	6.9733854	1 Cum.

5	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work)	-	19.5364	Sqm
i)	BRM340 : Cement	0.1208	2.35999712	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.33016516	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	0.33016516	1 Cum.
6	Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	16.5321	Sqm
i)	BRM174 : White Cement.	0.0076	0.12564396	1Qntl
ii)	BRM340 : Cement	0.1074	1.77554754	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.3471741	1 Cum

iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	16.5321	1 Sqm.
7	Flooring (AR0817a) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge	-	3.358	Sqm
i)	BRMMR0027 : Wax Polish	1	3.358	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	3.358	1 Sqm.
iii)	BRM340 : Cement	0.1375	0.461725	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.05037	1 Cum

8	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.	-	8	Qntl
i)	BRM162 : Binding Wire.	0.8	6.4	1 Kg.
ii)	BRM341 : Steel	1.05	8.4	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.4477	1 Cum	543.25	1329.713025
2	BRM340	52.3467424	1 Qntl.	573.977	30045.826162525
3	BRM028	7.25572996	1 Cum	548.19	3977.5186067724
4	BRM044	6.082656	1 Cum.	1401.46	8524.59907776
5	BRM056	6.9733854	1 Cum.	1737.73	12117.861011142
6	BRM064	0.33016516	1 Cum.	1191.31	393.3290567596
7	BRM174	0.12564396	1Qntl	2053.857	258.05472675372
8	BRM131	16.5321	1 Sqm.	663.9538891	10976.55208999
9	BRMMR0027	3.358	1 Sqm	8.5	28.543
10	BRM130	3.358	1 Sqm.	462.9538891	1554.5991595978
11	BRM162	6.4	1 Kg.	90.1	576.64
12	BRM341	8.4	1 Qntl.	6214.317	52200.2628
Total: 121983.4987163					