

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Golamunda	Gram Panchayat	Khaliapali

Work Code	OD/358/3411/118661/423655/00056242 (Construction of Yatri Vishramgara at Jaleswar Temple at Khaliapali)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Golamunda	Proposal Date	-
Date of Commencement	21-11-2025	Date of Completion	23-12-2025
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Community Centre	Project Type	New Work
Name of Executant	Rajat Kumar		

Administrative Approval Details

Approval No.	OD/358/3411/118661/423655/00056242/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3411/118661/423655/00056242/TS
Fund Sanction No.	592
Fund Sanction Amount (in Rs.)	500000

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	-	12.400493056	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.	-	12.041152864	Cum
i)	BRM029 : Sand for filling and road blinding	1	12.041152864	1 Cum
3	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.	-	5.1411698912	Cum
i)	BRM340 : Cement	2.29	11.773279050848	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.467761547776	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	4.935523095552	1 Cum.

4	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)	-	16.97872213152	Cum
i)	BRM340 : Cement	3.4733	58.972195579408	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.640424959184	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	6.1123399673472	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	9.1685099510208	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	75.039160332466	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.70510935139989	1Cum.

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.	-	10	Qntl
i)	BRM162 : Binding Wire.	0.8	8	1 Kg.
ii)	BRM341 : Steel	1.05	10.5	1 Qntl.
6	R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring 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	-	85.51	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.2283117	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.77426	1Mtr.

7	<p>Masonry Brick Work (AR0603e) :C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with C.B. 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.</p>	-	5.5117730904	Cum
i)	<p>BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.</p>	400	2204.70923616	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	3.7039115167488	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	1.543296465312	1 Cum
8	<p>Masonry Brick Work (AR0603ei) :C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure 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.</p>	-	7.08141437376	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	7.08141437376	1 Cum
ii)	BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.	400	2832.565749504	1000 Nos
iii)	BRM340 : Cement	0.672	4.7587104591667	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.9827960246528	1 Cum
9	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	67.26920424	Sqm
i)	BRM340 : Cement	0.0358	2.408237511792	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.0090380636	1 Cum
10	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	82.8230245	Sqm
i)	BRM340 : Cement	0.043	3.5613900535	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.490814441	1 Cum
11	Flooring (AR0817aa) :.Fixing Vitrified 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) - Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	25.9666207575	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	25.9666207575	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	25.9666207575	1 Sqm
iii)	BRM340 : Cement	0.1375	3.5704103541563	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.3894993113625	1 Cum
12	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	2.50745197	Sqm

i)	BRM255 : Weather Coat (I.S.I.)	0.125	0.31343149625	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	0.22647953277419	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	12.041152864	1 Cum	413.05	4973.5981904752
2	BRM340	88.74813452562	1 Qntl.	611.157	54239.043652274
3	BRM028	16.523630812887	1 Cum	417.99	6906.7124434788
4	BRM045	4.935523095552	1 Cum.	1128.47	5569.5897476376
5	BRM060	6.1123399673472	1 Cum.	1736.11	10611.694540711
6	BRM052	9.1685099510208	1 Cum.	1721.11	15780.014161801
7	BRM084	75.039160332466	1Mtr	250.166	18772.246583732
8	BRM104	0.93342105139989	1Cum.	58573.086	54673.351517856
9	BRM162	8	1 Kg.	90.1	720.8
10	BRM341	10.5	1 Qntl.	5296.852	55616.946
11	BRM092	10.77426	1Mtr.	229.106	2468.44761156
12	BRM002	5037.274985664	1000 Nos	4.80515	24204.861897363
13	BRMMR0025	7.08141437376	1 Cum	33	233.68667433408
14	BRM131	25.9666207575	1 Sqm.	665.5902781	17283.130331302
15	BRMMR0027	25.9666207575	1 Sqm	8.5	220.71627643875
16	BRM255	0.31343149625	1 Ltr	189.78354	59.484138905822
17	BRM253	0.22647953277419	1 Ltr	159.31354	36.081256103803
Total:					272370.40502397