

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nabarangpur	<b>Block</b>	Dabugam	<b>Gram Panchayat</b>	Dabugam

<b>Work Code</b>	OD/366/3514/120436/427679/00065086 (Repair and Renovation of Alekha Tungi at village Umurahandi)
<b>Project Category</b>	Religious Structures

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Dabugam	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	28-11-2025	<b>Date of Completion</b>	15-01-2026
<b>Scheme Name</b>	Chief Minister Special Assistant	<b>Scheme Component Name</b>	Chief Minister Special Assistance (CM-SA)
<b>Project Sub-Category</b>	Religious Structures	<b>Project Type</b>	Renovation or Rejuvenation
<b>Name of Executant</b>	Abinash Nayak		

### Administrative Approval Details

<b>Approval No.</b>	OD/366/3514/120436/427679/00065086/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/366/3514/120436/427679/00065086/TS
<b>Fund Sanction No.</b>	1276
<b>Fund Sanction Amount (in Rs.)</b>	250000

### ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; 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</b>	-	<b>11.550525</b>	Cum

2	<b>Earth Work (AR0115)</b> :.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.	-	<b>20.564649</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	20.564649	1 Cum
3	<b>Concrete (AR0303a)</b> :.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.	-	<b>9.972739</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	22.83757231	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	4.78691472	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	9.57382944	1 Cum.

4	<b>R.C.C. Work (AR0404A)</b> <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	<b>6.72748</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	23.366556284	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.027366	1 Cum
iii)	<b>BRM060</b> : 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	2.4218928	1 Cum.
iv)	<b>BRM052</b> : 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	3.6328392	1 Cum.

5	<p><b>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 -</b>  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>	-	2.499372	Qntl
i)	<b>BRM341 : Steel</b>	1.05	2.6243406	1 Qntl.
6	<p><b>Masonry Brick Work (AR0603) :.K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - Brickwork with K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	6.930315	Cum
i)	<b>BRM003 : K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance ± 8 percent.</b>	350	2425.61025	1000 Nos
ii)	<b>BRM340 : Cement</b>	0.672	4.65717168	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	1.9404882	1 Cum

7	<b>Masonry Brick Work (AR0603i) :.K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> 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.	-	14.148756	Cum
i)	<b>BRM003</b> : K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance ± 8 percent.	350	4952.0646	1000 Nos
ii)	<b>BRM340</b> : Cement	0.672	9.507964032	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	3.96165168	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	20.564649	1 Cum	251.25	5166.86806125
2	<b>BRM028</b>	13.7164206	1 Cum	251.25	3446.25067575
3	<b>BRM045</b>	9.57382944	1 Cum.	176.5	1689.78089616
4	<b>BRM060</b>	2.4218928	1 Cum.	176.5	427.4640792
5	<b>BRM052</b>	3.6328392	1 Cum.	176.5	641.1961188
6	<b>BRM003</b>	7377.67485	1000 Nos	0.04025	296.9514127125

**Total: 11668.511243873**