

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Jharsuguda	<b>Block</b>	Kolabira	<b>Gram Panchayat</b>	Samasingha

<b>Work Code</b>	OD/357/3406/118547/381258/00017463 (Repair & Renovation of Hanuman Mandir at Colonypada, GP- Samasingha)
<b>Project Category</b>	Religious Structures

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kolabira	<b>Proposal Date</b>	09-04-2025
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Chief Minister Special Assistant	<b>Scheme Component Name</b>	Special Problem Fund (SPF) 16 th Phase
<b>Project Sub-Category</b>	Religious Structures	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
---------------------	--

### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	1960
<b>Fund Sanction Amount (in Rs.)</b>	200000

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p><b>Concrete (AR0303)</b>  <b>::Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>            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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	0.6	Cum

i)	<b>BRM340 : Cement</b>	2.29	1.374	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	0.288	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	0.576	1 Cum.
2	<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.	-	<b>1.96</b>	Qntl
i)	<b>BRM162 : Binding Wire.</b>	0.8	1.568	1 Kg.
ii)	<b>BRM341 : Steel</b>	1.05	2.058	1 Qntl.
3	<b>R.C.C. Work (AR0404A) :.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>1.9602845</b>	Cum

i)	<b>BRM340</b> : Cement	3.4733	6.80865615385	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.882128025	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	0.70570242	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	1.05855363	1 Cum.
4	<b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (23cm x 11cm 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 $\pm 8$ 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.	-	<b>4.8852</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	4.8852	1 Cum
ii)	<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	400	1954.08	1000 Nos
iii)	<b>BRM340</b> : Cement	0.672	3.2828544	1 Qntl.

iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1.367856	1 Cum
5	<b>Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside</b> - 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.	-	<b>18.84</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.674472	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.2826	1 Cum
6	<b>Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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.	-	<b>24.36</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	1.04748	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.43848	1 Cum

7	miscellaneous(ARM286) :.Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	100	Sqm
i)	<b>BRM029</b> : Sand for filling and road blinding	0.05	5	1 Cum
ii)	<b>BRMM286</b> : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	100	1 Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	13.18746255385	1 Qntl.	564.582	7445.4039835777
2	<b>BRM028</b>	3.259064025	1 Cum	415.11	1352.8700674178
3	<b>BRM044</b>	0.576	1 Cum.	1596.76	919.73376
4	<b>BRM162</b>	1.568	1 Kg.	90.1	141.2768
5	<b>BRM341</b>	2.058	1 Qntl.	6561.487	13503.540246
6	<b>BRM060</b>	0.70570242	1 Cum.	2020.18	1425.6459148356
7	<b>BRM052</b>	1.05855363	1 Cum.	1983.8	2099.958691194
8	<b>BRMMR0025</b>	4.8852	1 Cum	33	161.2116

9	<b>BRM006</b>	1954.08	1000 Nos	5.36398	10481.6460384
10	<b>BRM029</b>	5	1 Cum	407.11	2035.55
11	<b>BRMM286</b>	100	1 Sqm	485.28	48528
					<b>Total: 88094.837101425</b>