

ESTIMATION DPR							
State	Odisha	District	Boudh	Block	Kantamal	Gram Panchayat	Ambagaon

Work Code	OD/349/3331/116813/417811/00040171 (Constr. of Culvert on Road from Kurukupa to PWD Road)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Kantamal	Proposal Date	-
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	Earthen Road	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	779
Fund Sanction Amount (in Rs.)	900000

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	-	66.78	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.	-	17.19	Cum
i)	BRM029 : Sand for filling and road blinding	1	17.19	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.	-	78.615	Cum
i)	BRM340 : Cement	2.29	180.02835	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	37.7352	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	75.4704	1 Cum.

4	<p>R.C.C. Work (AR0404Ag) :.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 Roof slab, landing, balcony, sun shade)</p>	-	18.9	Cum
i)	BRM340 : Cement	3.4733	65.64537	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.505	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	6.804	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	10.206	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	117.58824	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.94910508	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.	-	24.381	Qntl
i)	BRM162 : Binding Wire.	0.8	19.5048	1 Kg.
ii)	BRM341 : Steel	1.05	25.60005	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	17.19	1 Cum	347.95	5981.2605
2	BRM340	245.67372	1 Qntl.	543.457	133513.10285004
3	BRM028	46.2402	1 Cum	483.09	22338.178218
4	BRM044	75.4704	1 Cum.	1531.66	115594.992864
5	BRM060	6.804	1 Cum.	1955.08	13302.36432
6	BRM052	10.206	1 Cum.	1918.7	19582.2522
7	BRM084	117.58824	1Mtr	345.286	40601.57303664
8	BRM104	0.94910508	1Cum.	58668.206	55682.292349086
9	BRM162	19.5048	1 Kg.	90.1	1757.38248
10	BRM341	25.60005	1 Qntl.	6422.497	164416.24432485
Total: 572769.64314262					