

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Jagannathprasad	Gram Panchayat	Kadua

Work Code	OD/354/3375/117796/410470/00043510 (Const.Of C.C Road From R.D.Road To Bara Sahi At Narendrapur)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Jagannathprasad	Proposal Date	-
Date of Commencement	19-09-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	Deepak Kumar Sahu		

Administrative Approval Details

Approval No.	OD/354/3375/117796/410470/00043510/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3375/117796/410470/00043510/TS
Fund Sanction No.	1130
Fund Sanction Amount (in Rs.)	215000

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	-	20.9056	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.	-	11.712	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.712	1 Cum
3	Concrete (AR0304a) :.Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:4:8) 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.	-	13.6256	Cum
i)	BRM340 : Cement	1.72	23.436032	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.540288	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	13.080576	1 Cum.

4	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.</p>	-	11.68	Cum
i)	BRM340 : Cement	3.23	37.7264	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.256	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	10.512	1 Cum.
5	<p>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</p>	-	38.4	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.102528	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.8384	1Mtr.

6	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.	-	4.672	Qntl
i)	BRM162 : Binding Wire.	0.8	3.7376	1 Kg.
ii)	BRM341 : Steel	1.05	4.9056	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.712	1 Cum	469.07	5493.74784
2	BRM340	61.162432	1 Qntl.	598.962	36633.972595584
3	BRM028	11.796288	1 Cum	602.64	7108.91500032
4	BRM045	13.080576	1 Cum.	1193.57	15612.58309632
5	BRM056	10.512	1 Cum.	1867.93	19635.68016
6	BRM104	0.102528	1Cum.	58620.646	6010.257593088
7	BRM092	4.8384	1Mtr.	276.666	1338.6207744
8	BRM162	3.7376	1 Kg.	90.1	336.75776
9	BRM341	4.9056	1 Qntl.	6680.412	32771.4291072
Total:					124941.96392691