

ESTIMATION DPR							
State	Odisha	District	Bhadrak	Block	Bhadrak	Gram Panchayat	Korkora

Work Code	OD/348/3323/116637/394818/00028772 (Construction Of C.C. Road From Korkora Uash Bhibuti Jena House To Chinmaye Jena House & Completion Of Behera Sahi)						
Project Category	Road						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhadrak	Proposal Date	-
Date of Commencement	01-07-2025	Date of Completion	27-10-2025
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	PEO KORKORA GP		

Administrative Approval Details

Approval No.	OD/348/3323/116637/394818/00028772/AS
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Technical Sanction Details

Technical Sanction No.	OD/348/3323/116637/394818/00028772/TS
Fund Sanction No.	11939
Fund Sanction Amount (in Rs.)	172711

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Earth Work (AR0102c) :.Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction H.R.R - Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with H.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.</p>	-	3.375	Cum
2	<p>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.</p>	-	10.35	Cum
i)	BRM029 : Sand for filling and road blinding	1	10.35	1 Cum

3	<p>Concrete (AR0309a) :.Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips - Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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 as per specifaion and direction of Engineer-in charge.</p>	-	10.35	Cum
i)	<p>BRM057 : 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)(Hand broken)</p>	0.9	9.315	1 Cum.
ii)	<p>BRM340 : Cement</p>	2.15	22.2525	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	4.6575	1 Cum
4	<p>Concrete (AR0307a) :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>	-	9	Cum

i)	BRM057 : 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)(Hand broken)	0.9	8.1	1 Cum.
ii)	BRM340 : Cement	3.23	29.07	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.05	1 Cum
5	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	-	36	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.09612	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.536	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	10.35	1 Cum	842.71	8722.0485
2	BRM057	17.415	1 Cum.	2145.01	37355.34915
3	BRM340	51.3225	1 Qntl.	538.927	27659.0809575
4	BRM028	8.7075	1 Cum	847.65	7380.912375
5	BRM104	0.09612	1Cum.	58573.086	5630.04502632
6	BRM092	4.536	1Mtr.	229.106	1039.224816
Total: 87786.66082482					