

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Jamankira	Gram Panchayat	Jamankira

Work Code	OD/371/3560/121318/381932/00026703 (Imp. of Road with Gr-II Metalling from NH 53 to Naikdihi pada)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamankira	Proposal Date	19-07-2024
Date of Commencement	08-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	Mettalling Road	Project Type	Upgradation or Improvement
Name of Executant	AJIT KUMAR BEHERA		

Administrative Approval Details

Approval No.	OD/371/3560/121318/381932/00026703/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3560/121318/381932/00026703/TS
Fund Sanction No.	1130
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Road Work (AR1307) ∴ Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.	-	144	Cum
i)	BRM025 : Gravel or moorum	1.28	184.32	1 Cum

2	<p>Road Work (AR1305) :.Filler materials laterite moorum and consolidation with H.R.R. - Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge.</p>	-	144	Cum
i)	<p>BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)</p>	1	144	1 Cum.
ii)	<p>BRM025 : Gravel or moorum</p>	0.3	43.2	1 Cum
3	<p>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</p>	-	50.22	Cum
4	<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>	-	29.34	Cum

i)	BRM029 : Sand for filling and road blinding	1	29.34	1 Cum
5	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.	-	64.005	Cum
i)	BRM340 : Cement	2.29	146.57145	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	30.7224	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	61.4448	1 Cum.

6	<p>R.C.C. Work (AR0404Aa) ∴ 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	2.25	Cum
i)	BRM340 : Cement	3.4733	7.814925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.0125	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	0.81	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	1.215	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.00901125	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.42525	1Mtr.

7	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.	-	3	Qntl
i)	BRM162 : Binding Wire.	0.8	2.4	1 Kg.
ii)	BRM341 : Steel	1.05	3.15	1 Qntl.
8	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	-	54	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.14418	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.804	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	227.52	1 Cum	338.01	76904.0352
2	BRM041	144	1 Cum.	1237.29	178169.76
3	BRM029	29.34	1 Cum	476.21	13972.0014
4	BRM340	154.386375	1 Qntl.	562.787	86886.644827125

5	BRM028	31.7349	1 Cum	483.09	15330.812841
6	BRM044	61.4448	1 Cum.	1486.41	91332.165168
7	BRM060	0.81	1 Cum.	1955.08	1583.6148
8	BRM052	1.215	1 Cum.	1918.7	2331.2205
9	BRM104	0.15319125	1Cum.	58573.086	8972.8842606975
10	BRM092	7.22925	1Mtr.	229.106	1656.2645505
11	BRM162	2.4	1 Kg.	90	216
12	BRM341	3.15	1 Qntl.	6598.837	20786.33655
Total: 498141.74009732					