

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Bandhugaon	Gram Panchayat	Neelabadi

Work Code	OD/363/3466/119713/428771/00048496 (Construction of Road from RD Road to Sabdam)
Project Category	Road

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Bandhugaon	Proposal Date	18-12-2021
Date of Commencement	11-08-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Pavor Block	Project Type	New Work
Name of Executant	Manoj Kumar Sahoo		

Administrative Approval Details

Approval No.	OD/363/3466/119713/428771/00048496/AS
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Technical Sanction Details

Technical Sanction No.	OD/363/3466/119713/428771/00048496/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	470000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	21.3125	Cum

i)	BRM340 : Cement	2.29	48.805625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.23	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.46	1 Cum.
2	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 specificaion and direction of Engineer-in charge.	-	7.66	Cum
i)	BRM340 : Cement	3.23	24.7418	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.447	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	6.894	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>	-	45	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>	-	37.8	Cum
i)	BRM029 : Sand for filling and road blinding	1	37.8	1 Cum

5	<p>miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 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 -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 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.</p>	-	210	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	6.3	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 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	210	1 Sqm

6	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	-	40.32	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1076544	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.08032	1Mtr.
7	Road Work (AR1308) :-moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR 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.	-	75.1125	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	67.284875088339	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	28.8432	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	73.547425	1 Qntl.	616.947	45374.863211475

2	BRM028	13.677	1 Cum	742.47	10154.76219
3	BRM044	20.46	1 Cum.	1857.16	37997.4936
4	BRM056	6.894	1 Cum.	2258.53	15570.30582
5	BRM029	72.9432	1 Cum	478.15	34877.79108
6	BRMM287	210	1 Sqm	608.4	127764
7	BRM104	0.1076544	1Cum.	58573.086	6305.6504294784
8	BRM092	5.08032	1Mtr.	229.106	1163.93179392
9	BRM025	67.284875088339	1 Cum	379.36	25525.190213512
Total: 304733.98833839					