

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Jagatsinghpur	<b>Block</b>	Naugaon	<b>Gram Panchayat</b>	Naugaon

<b>Work Code</b>	OD/355/3391/118183/398161/00043840 (Improvement of road with Culvert near Sangram Lenka house)
<b>Project Category</b>	Road

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Naugaon	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance and improvement of Road infrastructure
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
---------------------	--

### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/355/3391/118183/398161/00043840/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	172711

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0115)</b> ∴ 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.	-	3.57	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	3.57	1 Cum

2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	15.806	Cum
i)	<b>BRM340</b> : Cement	2.29	36.19574	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	7.58688	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.17376	1 Cum.
3	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  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>	-	39.48	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1054116	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.97448	1Mtr.

4	<b>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 -</b> 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.	-	0.5948	Qntl
i)	<b>BRM162 : Binding Wire.</b>	0.8	0.47584	1 Kg.
ii)	<b>BRM341 : Steel</b>	1.05	0.62454	1 Qntl.
5	<b>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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.	-	1.8	Cum
i)	<b>BRM340 : Cement</b>	3.23	5.814	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	0.81	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	1.62	1 Cum.

6	<p><b>Earth Work (AR0122Bi)</b>  <b>:.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b>  Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	-	35.3	Cum
i)	<p><b>BRMM402</b> : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).</p>	-0.6666	-23.53098	1 Cum
ii)	<p><b>BRMM401</b> :  Conveyance of material by 10 ton trucks within 5 KM including loading and unloading</p>	1	35.3	1 Cum
7	<p><b>miscellaneous(ARM26 2) :.Laying and fixing in position R.C.C. spun pipes with collars jointed with cement mortar 1:3 complete excluding cost of spun pipes and collars 900mm dia R.C.C. pipe. (Other miscellaneous items) and as directed by Engineer-in-Charge. -</b>  Laying and fixing in position R.C.C. spun pipes with collars jointed with cement mortar 1:3 complete excluding cost of spun pipes and collars 900mm dia R.C.C. pipe. (Other miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	244	Rmt

i)	<b>BRMM262</b> : Laying and fixing in position R.C.C. spun pipes with collars jointed with cement mortar 1:3 complete excluding cost of spun pipes and collars 900mm dia R.C.C. pipe. (Other miscellaneous items)	1	244	Rmt
8	<b>Earth Work (AR0122Bii)</b> :.Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	17.85	Cum
i)	<b>BRMM402</b> : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-11.89881	1 Cum
ii)	<b>BRMM401</b> : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	17.85	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	3.57	1 Cum	664.71	2373.0147
2	<b>BRM340</b>	42.00974	1 Qntl.	588.347	24716.30449978
3	<b>BRM028</b>	8.39688	1 Cum	673.22	5652.9475536
4	<b>BRM044</b>	15.17376	1 Cum.	2519.56	38231.1987456
5	<b>BRM104</b>	0.1054116	1Cum.	58573.086	6174.2827121976
6	<b>BRM092</b>	4.97448	1Mtr.	229.106	1139.68321488
7	<b>BRM162</b>	0.47584	1 Kg.	90.1	42.873184
8	<b>BRM341</b>	0.62454	1 Qntl.	6380.867	3985.10667618
9	<b>BRM056</b>	1.62	1 Cum.	2920.93	4731.9066
10	<b>BRMM402</b>	-35.42979	1 Cum	175.38	-6213.6765702
11	<b>BRMM401</b>	53.15	1 Cum	276.01	14669.9315
12	<b>BRMM262</b>	244	Rmt	55.56	13556.64

Total: 109060.21281604