

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Jadida

Work Code	OD/346/3305/116239/393151/00105712 (Repair and restoration of road from dengasahi field to tubewell chhaka)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	CC Road	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	30000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">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>	Cum	0.224269056	240.77592	53.998588285932
2	<p style="text-align: center;">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>	Cum	1.332022272	1079.329632	1437.6911086536

3	<p style="text-align: center;">Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hard Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hard 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.</p>	Cum	2.305553856	5940.89708926	13697.058192243
4	<p style="text-align: center;">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 specifcaion and direction of Engineer-in charge.</p>	Cum	1.7316289536	7585.49365962	13135.260448347

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	Sqm	4.584205632	216.23489289764	991.26521385628
Total Amount (in Rs.): 29315.273551386					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	0.224269056	Cum
i	Un-Skilled	0.516	0.115722832896	-

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>	-	1.332022272	Cum
i	Un-Skilled	0.1236	0.1646379528192	-
3	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) 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.</p>	-	2.305553856	Cum
i	Un-Skilled	3.9	8.9916600384	-
ii	Skilled	0.18	0.41499969408	-

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>	-	1.7316289536	Cum
i	Un-Skilled	4.6	7.96549318656	-
ii	Skilled	0.68	1.177507688448	-
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>	-	4.584205632	Sqm
i	Semi-Skilled	0.05	0.2292102816	-
ii	Skilled	0.05	0.2292102816	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	17.237514010675	462	7963.7314729319
2	Skilled	1.821717664128	562	1023.8053272399
3	Semi-Skilled	0.2292102816	512	117.3556641792
Total: 9104.8924643511				

MATERIAL STATEMENT

SI.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	-	0.224269056	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.	-	1.332022272	Cum
i)	BRM029 : Sand for filling and road blinding	1	1.332022272	1 Cum

3	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) 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.</p>	-	2.305553856	Cum
i)	BRM340 : Cement	2.29	5.27971833024	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.10666585088	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	2.21333170176	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>	-	1.7316289536	Cum
i)	BRM340 : Cement	3.23	5.593161520128	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.77923302912	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	1.55846605824	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	-	4.584205632	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.01223982903744	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.577609909632	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	1.332022272	1 Cum	569.29	758.30695922688
2	BRM340	10.872879850368	1 Qntl.	570.467	6202.6191495999
3	BRM028	1.88589888	1 Cum	574.23	1082.9397138624
4	BRM045	2.21333170176	1 Cum.	1519.07	3362.2057881926
5	BRM056	1.55846605824	1 Cum.	2128.33	3316.9300657339
6	BRM104	0.01223982903744	1Cum.	58573.086	716.92455883527
7	BRM092	0.577609909632	1Mtr.	229.106	132.33389595615
Total: 15572.260131407					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	1.332022272	1 Cum	442.25	589.086849792
2	BRM028	1.88589888	1 Cum	442.25	834.03877968
3	BRM045	2.21333170176	1 Cum.	522.5	1156.4658141696

4	BRM056	1.55846605824	1 Cum.	522.5	814.2985154304
					Total: 3393.889959072

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 300	Rs. 300
2	Display Citizen Board @ Rs. 231.72	Rs. 231.72
3	Any Other Lumpsum @ Rs. 153	Rs. 153
		Total Addition Component Amount (in Rs.): 684.72

Total Net Amount (in Rs.): 29999.993551386