

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Remuna	Gram Panchayat	Kharid Mukhura

Work Code	OD/346/3307/116276/393076/00066817 (R/R OF BASUKHUNTA CC ROAD TO BASUKHUNTA PRY,SCHOOL)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Remuna	Proposal Date	20-12-2024
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	New Work
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.)	84000

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	1.58221819008	240.77592	380.96004035725
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	0.953143488	1103.630232	1051.9179687907

3	<p style="text-align: center;">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 specification and direction of Engineer-in charge.</p>	Cum	6.34793563008	6637.807062	42136.371954466
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 specification and direction of Engineer-in charge.</p>	Cum	4.76571744	7677.8608644	36590.515423365

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	7.86516798	216.23489289764	1700.7237557772
Total Amount (in Rs.): 81860.489142756					

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	-	1.58221819008	Cum
i	Un-Skilled	0.516	0.81642458608128	-

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.	-	0.953143488	Cum
i	Un-Skilled	0.1236	0.1178085351168	-
3	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 specificaion and direction of Engineer-in charge.	-	6.34793563008	Cum
i	Skilled	0.68	4.3165962284544	-
ii	Un-Skilled	4.6	29.200503898368	-

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>	-	4.76571744	Cum
i	Un-Skilled	4.6	21.922300224	-
ii	Skilled	0.68	3.2406878592	-
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>	-	7.86516798	Sqm
i	Semi-Skilled	0.05	0.393258399	-
ii	Skilled	0.05	0.393258399	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	52.057037243566	462	24050.351206528
2	Skilled	7.9505424866544	562	4468.2048774998
3	Semi-Skilled	0.393258399	512	201.348300288
Total:				28719.904384315

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	-	1.58221819008	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.	-	0.953143488	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.953143488	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 specificaion and direction of Engineer-in charge.</p>	-	6.34793563008	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	5.713142067072	1 Cum.
ii)	<p>BRM340 : Cement</p>	2.15	13.648061604672	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	2.856571033536	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 specificaion and direction of Engineer-in charge.</p>	-	4.76571744	Cum
i)	<p>BRM340 : Cement</p>	3.23	15.3932673312	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	2.144572848	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	4.289145696	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	-	7.86516798	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.020999985066	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.99101116548	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.953143488	1 Cum	608.35	579.8448409248
2	BRM057	5.713142067072	1 Cum.	1885.87	10774.243230029
3	BRM340	29.041328935872	1 Qntl.	567.932	16493.500025208
4	BRM028	5.001143881536	1 Cum	613.29	3067.1515311072
5	BRM056	4.289145696	1 Cum.	2232.49	9575.474874863
6	BRM104	0.020999985066	1Cum.	58573.086	1230.034718527
7	BRM092	0.99101116548	1Mtr.	229.106	227.04660407846
Total: 41947.295824737					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.953143488	1 Cum	427.25	407.230555248
2	BRM057	5.713142067072	1 Cum.	522.5	2985.1167300451
3	BRM028	5.001143881536	1 Cum	427.25	2136.7387233863

4	BRM056	4.289145696	1 Cum.	522.5	2241.07862616
					Total: 7770.1646348394

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 818.60489142756
2	Display Citizen Board @ Rs. 1320	Rs. 1320
		Total Addition Component Amount (in Rs.): 2138.6048914276

Total Net Amount (in Rs.): 83999.094034184