

Estimate Abstract

**OD/364/3484/120002/430193/00063764 : Construction of road and culvert at Pedawada to Dongruguda
Block : Malkangiri, Gram Panchayat : Pedawada
Created By:TAPAN KUMAR SAMAL**

Sl No	Quantity	Unit	Rate in (Rs.)	Amount (Rs.)
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			
	44.64	Cubic Meter	240.77592	10748.2370688
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.			
	3.72	Cubic Meter	515.507232	1917.68690304
3	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.			
	54.853	Cubic Meter	5283.21944744	289800.43635043
4	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.			
	0.962	Cubic Meter	6806.95229528	6548.2881080594
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			
	82.278	Square Meter	216.55039071844	17817.333047532
6	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.			
	4.267683	Quintal	8965.8116625	38263.242013253

7	R.C.C. Work : AR0404A (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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)			
	5.67	Cubic Meter	5529.1808901288	31350.45564703
8	Plastering : AR1026i (6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (outside)) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in outside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.			
	47.78	Square Meter	159.3900943056	7615.6587059216
9	R.C.C. Work : AR0410k (Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling upto 8M span) : 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. Work in slab for culverts and Bridges upto 8M span)			
	10.5	Square Meter	796.69077618027	8365.2531498928
10	Bridge Works : AR2008 (Back filling behind abutment, wing wall and return wall using sandy material complete.) : Back filling behind abutment, wing wall and return wall using sandy material complete as per drawing and direction of Engineer-in charge.			
	8.85	Cubic Meter	912.6850254	8077.26247479
11	Road Work : AR1342 (Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam(WMM) specification including premixing the material.) : Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, laying in uniform layers with paver in subbase/base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per Clause 406 of MoRT&H Specifications for Road & Bridge works (Last Revision)and as per direction of Engineer-in-Charge.			
	31.5	Cubic Meter	1992.6569657778	62768.694422001

Total Amount:	483272.54789075
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Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	4832.7254789075
Display Citizen Board (+) @	5000
Any Other Lumpsum (+) @	6894

Provision for survey investigation and quality control (+) @	
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Total Amount:	499999.27336965
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Grand Net Total Amount	499999.27336966
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AEE
Malkangiri Block

Tapan kumar senapati
BDO
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