

Detailed Estimate

**OD/350/3337/116961/399948/00071217 : CONSTRUCTION OF DRAIN AND ROAD FROM BISWALA SAHI TO CANAL
BANDHA, JASAPADA GP**

Block : Cuttacksadar, Gram Panchayat : Jasapada

Created By:PRIYADARSHINI ROUT

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	137.000	0.910	0.600	0.000	74.802	-
Total Quantity					74.802 cum (cum)		74.802 Cum (Cubic Meter)	
Amount					74.802 X 240.77592		18010.52	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	137.000	0.910	0.150	0.000	18.701	-
Total Quantity					18.7005 cum (cum)		18.7005 Cum (Cubic Meter)	
Amount					18.7005 X 588.227232		11000.14	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	137.000	0.910	0.100	0.000	12.467	-
ii	road	1.000	7.620	3.050	0.100	0.000	2.324	-

Total Quantity			14.7911 cum (cum)				14.7911 Cum (Cubic Meter)	
Amount			14.7911 X 6060.21693386				89637.27	
4. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	18.000	0.000	0.000	0.000	18.000	-
Total Quantity			18 Qntl (Quintal)				18 Qntl (Quintal)	
Amount			18 X 8540.9537283				153737.17	
5. R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).								
R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain base	1.000	137.000	0.910	0.100	0.000	12.467	-
ii	drain	2.000	137.000	0.150	0.750	0.000	30.825	-
iii	drainslab	10.000	1.210	1.210	0.100	0.000	1.464	-
Total Quantity			44.7561 cum (cum)				44.7561 Cum (Cubic Meter)	
Amount			44.7561 X 6215.5805850522				278185.15	
6. Concrete (AR0307a) : First floor								
Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	road	1.000	14.000	3.050	0.100	0.000	4.270	-	
Total Quantity					4.27 cum (cum)		4.27 Cum (Cubic Meter)		
Amount					4.27 X 7634.74289582		32600.35		
Total Amount							583170.60		
Addition									
Provision for Contingency (+) @							5917.00		
Display Citizen Board (+) @							2600.00		
Any Other Lumpsum (+) @									
Provision for survey investigation and quality control (+) @									
Total Addition							8517.00		
Grand Net Total Amount							591687.60		

PRIYADARSHINI ROUT
JE
Cuttacksadar Block

SUBHASMITA NATH
AEE
Cuttacksadar Block

PRATIK SAHOO
BDO
Cuttacksadar Block