

Detailed Estimate

OD/359/3424/118899/416801/00065597 : Const. of Culvert at Kudigunja, Alimaha road
Block : Daringibadi, Gram Panchayat : Gumikia
Created By:TUSHAR RANJAN SETHI

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	ABUTMENT6	2.000	6.080	1.210	1.210	1.000	17.804	-
ii	WING WALL	4.000	2.750	0.900	0.900	1.000	8.910	-
iii	BASE	1.000	6.080	1.240	0.300	1.000	2.262	-
Total Quantity					28.975216 cum (cum)		28.975216 Cum (Cubic Meter)	
Amount					28.975216 X 240.77592		6976.53	
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	ABUTMENT	2.000	6.080	1.210	0.100	1.000	1.471	-
ii	WING WALL	4.000	2.750	0.900	0.100	1.000	0.990	-
Total Quantity					2.46136 cum (cum)		2.46136 Cum (Cubic Meter)	
Amount					2.46136 X 710.800832		1749.54	
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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ABUTMENT	2.000	6.080	0.900	1.300	1.000	14.227	-
ii	WING WALL	4.000	1.200	0.750	1.000	1.000	3.600	-
iii	BASE	1.000	6.080	1.210	0.100	1.000	0.736	-
iv	PARAPET	2.000	2.750	0.230	0.230	1.000	0.291	-
Total Quantity					18.85383 cum (cum)		18.85383 Cum (Cubic Meter)	
Amount					18.85383 X 6008.58831744		113284.90	

4. R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SLAB	1.000	6.080	2.750	0.200	0.000	3.344	-
Total Quantity					3.344 cum (cum)		3.344 Cum (Cubic Meter)	
Amount					3.344 X 13645.458172558		45630.41	

5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SLAB	1.000	6.080	2.750	0.200	1.000	3.344	-
Total Quantity					3.344 Qntl (Quintal)		3.344 Qntl (Quintal)	
Amount					3.344 X 9595.779417		32088.29	

Total Amount	199729.67
Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	1997.30
Display Citizen Board (+) @	311.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	2308.30
Grand Net Total Amount	202037.97

TUSHAR RANJAN SETHI
JE
Daringibadi Block

SANJAYA KUMAR RATH
AEE
Daringibadi Block

PRITI RANJAN RATH
BDO
Daringibadi Block