

Detailed Estimate

OD/350/3340/117021/398581/00063459 : Construction of Alara Manu Dhal Plot to Kata Road
Block : Narasinghpur, Gram Panchayat : Alara
Created By: BISHNUPRIYA

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	Guard Wall Left	1.000	9.900	0.900	2.100	0.000	18.711	-
ii	Guard Wall Right	1.000	9.900	0.600	1.200	0.000	7.128	-
iii	Road bed Cutting	1.000	9.900	3.050	0.200	0.000	6.039	-
Total Quantity					31.878 cum (cum)		31.878 Cum (Cubic Meter)	
Amount					31.878 X 240.77592		7675.45	
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	Guard wall Left	1.000	9.900	0.900	0.150	0.000	1.337	-
ii	Guard wall Right	1.000	9.900	0.600	0.150	0.000	0.891	-
iii	Road	1.000	9.900	3.050	0.100	0.000	3.020	-
iv	Back filling of Sand for Guard wall	1.000	9.900	0.400	1.650	0.000	6.534	-
v		1.000	9.900	0.275	0.750	0.000	2.042	-

Total Quantity	13.822875 cum (cum)	13.822875 Cum (Cubic Meter)
Amount	13.822875 X 777.299232	10744.51

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	Guard wall Left Base	1.000	9.900	0.900	0.300	0.000	2.673	-
ii	Guard wall Left Shaft	1.000	9.900	0.500	1.650	0.000	8.168	-
iii	Guard wall Right Base	1.000	9.900	0.600	0.300	0.000	1.782	-
iv	Guard wall Right Shaft	1.000	9.900	0.325	0.750	0.000	2.413	-
v	Road	1.000	9.900	4.050	0.100	0.000	4.010	-

Total Quantity	19.045125 cum (cum)	19.045125 Cum (Cubic Meter)
Amount	19.045125 X 6308.41640436	120144.58

4. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall Left	2.000	9.900	0.000	1.650	0.000	32.670	-
ii	Guard wall Right	2.000	9.900	0.000	0.750	0.000	14.850	-
iii	Road	2.000	9.900	0.000	0.100	0.000	1.980	-

Total Quantity			49.5 Sqm (Sqm)				49.5 Sqm (Square Meter)	
Amount			49.5 X 216.39264180804				10711.44	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Left Wall main bars	40.000	2.850	0.000	0.000	0.617	70.338	-
ii	Left Wall Distribution Bars	10.000	9.800	0.000	0.000	0.395	38.710	-
iii	Right Wall main bars	40.000	1.650	0.000	0.000	0.617	40.722	-
iv	Right Wall Distribution Bars	6.000	9.800	0.000	0.000	0.395	23.226	-
Total Quantity					172.996 Kg (Kilo Gram)		1.72996 Qntl (Quintal)	
Amount					1.72996 X 8547.2584008		14786.42	
6. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	9.900	4.550	0.100	0.000	4.505	-
Total Quantity					4.5045 cum (cum)		4.5045 Cum (Cubic Meter)	
Amount					4.5045 X 7763.67782932		34971.49	
Total Amount							199033.88	

Addition	
Provision for Contingency (+) @	2021.00
Display Citizen Board (+) @	983.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	3004.00
Grand Net Total Amount	202037.88

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AEE
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