

Detailed Estimate

OD/346/3305/116246/393255/00068140 : Const of Natapada shiba mandir Boundary
Block : Nilgiri, Gram Panchayat : Matiali
Created By: Bharat Singh

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		15.000	2.500	2.500	2.500	0.000	234.375	-
ii		1.000	148.000	0.830	1.000	0.000	122.840	-
iii		15.000	2.500	0.830	1.000	0.000	-	31.125
Total Quantity						326.09 Cft (Cubic Foot)	9.233825312 Cum (Cubic Meter)	
Amount						9.233825312 X 240.77592	2223.28	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		15.000	2.500	2.500	0.330	0.000	30.938	-
ii		1.000	148.000	0.830	0.330	0.000	40.537	-
iii		15.000	2.500	0.830	0.330	0.000	-	10.271
Total Quantity						61.20345 Cft (Cubic Foot)	1.73308585296 Cum (Cubic Meter)	
Amount						1.73308585296 X 895.226832	1551.50	
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		15.000	2.500	2.500	0.500	0.000	46.875	-	
ii		1.000	148.000	0.830	0.330	0.000	40.537	-	
iii		15.000	2.500	0.830	0.330	0.000	-	10.271	
Total Quantity							77.14095 Cft (Cubic Foot)	2.18438485296 Cum (Cubic Meter)	
Amount							2.18438485296 X 6324.54377126	13815.24	

4. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i		9.000	0.830	0.830	3.660	0.000	22.692	-	
ii		12.000	0.830	0.830	1.660	0.000	13.723	-	
iii		15.000	0.830	0.830	4.000	0.000	41.334	-	
iv		1.000	148.000	0.830	1.000	0.000	122.840	-	
Total Quantity							200.589254 Cft (Cubic Foot)	5.6800457876672 Cum (Cubic Meter)	
Amount							5.6800457876672 X 6828.5634360367	38786.55	

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		1.000	3.250	0.000	0.000	0.000	3.250	-	
Total Quantity							3.25 Qntl (Quintal)	3.25 Qntl (Quintal)	

Amount						3.25 X 8657.3179493	28136.28	
6. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	148.000	1.000	0.000	0.000	296.000	-
Total Quantity					296 Sft (Square Foot)		27.499288 Sqm (Square Meter)	
Amount					27.499288 X 216.23489289764		5946.31	
7. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting								
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 in ground floor R.C.C. walls and fins including attached pilasters								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		15.000	4.000	0.830	4.000	0.000	199.200	-
Total Quantity					199.2 Sft (Square Foot)		18.5062776 Sqm (Square Meter)	
Amount					18.5062776 X 934.29150984209		17290.26	
8. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, 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		1.000	148.000	0.830	2.330	0.000	286.217	-
ii		12.000	2.500	0.830	2.330	0.000	-	58.017
Total Quantity					228.2002 Cft (Cubic Foot)		6.46189942336 Cum (Cubic Meter)	

Amount						6.46189942336 X 5439.216566168	35147.67	
9. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, 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		1.000	148.000	0.830	4.000	0.000	491.360	-
ii		4.000	148.000	1.250	0.250	0.000	185.000	-
iii		1.000	148.000	0.410	0.250	0.000	15.170	-
iv		6.000	0.830	0.830	4.000	0.000	-	16.534
v		1.000	3.910	0.830	4.000	0.000	-	12.981
vi		1.000	9.000	0.830	4.000	0.000	-	29.880
vii		1.000	3.910	1.250	0.250	0.000	-	1.222
viii		1.000	9.000	0.410	0.250	0.000	-	0.923
Total Quantity						629.990825 Cft (Cubic Foot)	17.83932419336 Cum (Cubic Meter)	
Amount						17.83932419336 X 5472.546566168	97626.53	
10. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside								
12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	148.000	7.000	0.000	0.000	1036.000	-
ii		1.000	148.000	2.080	0.000	0.000	307.840	-
iii		4.000	0.830	4.000	0.000	0.000	13.280	-
iv		1.000	0.500	3.910	4.000	0.000	-	7.820

v		1.000	0.500	9.000	4.000	0.000	-	18.000
Total Quantity					1331.3 Sft (Square Foot)		123.6817639 Sqm (Square Meter)	
Amount					123.6817639 X 173.1376385652		21413.97	

11. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	148.000	7.000	0.000	0.000	1036.000	-
ii		1.000	0.500	3.910	4.000	0.000	-	7.820
iii		1.000	0.500	9.000	4.000	0.000	-	18.000
Total Quantity					1010.18 Sft (Square Foot)		93.84875254 Sqm (Square Meter)	
Amount					93.84875254 X 248.047702042		23278.97	

12. Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)

Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	73.860	1.000	0.000	0.000	73.860	-
Total Quantity					73.86 Sqm (Sqm)		73.86 Sqm (Square Meter)	
Amount					73.86 X 57.808040268753		4269.70	

Total Amount (A) : 289486.27

Additional Components

#	Item Name	Remark	Amount (in Rs.)
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1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2513.73	other contingency etc	2513.73
			Additional Components Amount (F) : 10513.73

			Grand Total Amount (A + F) : 299999.99585609
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