

Detailed Estimate

OD/371/3566/121422/381695/00074944 : Boundary Wall of New Rampella Crematorium.

Block : Rengali, Gram Panchayat : Salad

Created By:Tikanath Bhaisa

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	Boundry Earth work	1.000	205.000	2.000	2.500	0.000	1025.000	-	
ii	Coloum	22.000	1.500	1.500	2.500	0.000	123.750	-	
iii		22.000	1.500	1.500	2.500	0.000	-	123.750	
Total Quantity					1025 Cft (Cubic Foot)		29.02472 Cum (Cubic Meter)		
Amount					29.02472 X 240.77592		6988.45		
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	Boundry wall	1.000	205.000	2.000	0.330	0.000	135.300	-	
ii	Column	22.000	1.500	1.500	0.330	0.000	16.335	-	
iii		22.000	1.500	1.500	0.330	0.000	-	16.335	
Total Quantity					135.3 Cft (Cubic Foot)		3.83126304 Cum (Cubic Meter)		
Amount					3.83126304 X 513.547832		1967.54		
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	Boundry Wall	1.000	205.000	2.000	0.500	0.000	205.000	-	
ii	Column	22.000	1.500	1.500	0.330	0.000	16.335	-	
iii		22.000	1.500	1.500	0.330	0.000	-	16.335	
Total Quantity					205 Cft (Cubic Foot)		5.804944 Cum (Cubic Meter)		
Amount					5.804944 X 5406.8829748		31386.65		

4. 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/cm² 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	Boundry Wall	1.000	205.000	1.500	0.750	0.000	230.625	-	
ii	Boundry Wall	1.000	205.000	1.250	0.750	0.000	192.188	-	
iii	Coloum	22.000	1.500	1.500	1.500	0.000	-	74.250	
Total Quantity					348.5625 Cft (Cubic Foot)		9.8701746 Cum (Cubic Meter)		
Amount					9.8701746 X 5117.64871324		50512.09		

5. 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/cm² 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
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i	Boundary Wall	1.000	205.000	0.830	4.000	0.000	680.600	-
ii	Column	22.000	0.750	0.750	4.000	0.000	-	49.500
Total Quantity					631.1 Cft (Cubic Foot)		17.87073248 Cum (Cubic Meter)	
Amount					17.87073248 X 5150.97871324		92051.76	
6. 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	Column	22.000	1.500	1.500	0.330	0.000	16.335	-
Total Quantity					16.335 Cft (Cubic Foot)		0.462554928 Cum (Cubic Meter)	
Amount					0.462554928 X 5979.9144883481		2766.04	
7. R.C.C. Work (AR0404Ab) : 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 Plinth band)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Boundry	1.000	205.000	0.830	0.660	0.000	112.299	-
ii	Column	22.000	0.750	0.830	0.750	0.000	-	10.271
Total Quantity					102.02775 Cft (Cubic Foot)		2.8890993912 Cum (Cubic Meter)	
Amount					2.8890993912 X 6737.2887346762		19464.70	

8. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Coloum	22.000	0.750	0.750	4.000	0.000	49.500	-
Total Quantity					49.5 Cft (Cubic Foot)		1.4016816 Cum (Cubic Meter)	
Amount					1.4016816 X 14039.604008803		19679.05	

9. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plster (1:6) over Brick work in outside 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Boundary	2.000	205.000	4.000	0.000	0.000	1640.000	-
Total Quantity					1640 Sft (Square Foot)		152.36092 Sqm (Square Meter)	
Amount					152.36092 X 172.557544136		26291.03	

10. 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	Reinforcement	1.000	4.500	0.000	0.000	0.000	4.500	-
Total Quantity					4.5 Qntl (Quintal)		4.5 Qntl (Quintal)	
Amount					4.5 X 8701.6241546		39157.31	

Total Amount	290264.62
Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	3735.00
Total Addition	9735.00
Grand Net Total Amount	299999.62

Tikanath Bhaisa
JE
Rengali Block

Sanatan Kechhu
AEE
Rengali Block

Pritam Kumar Tanty
BDO
Rengali Block