

Detailed Estimate

OD/353/3357/117456/414692/00013354 : Renovation of Crematorium at Tatipetti
Block : Gosani, Gram Panchayat : Tatipetti
Created By: SUBHAM SARANGI

1. Earth Work (AR0122Ai1) : Earthwork in all kinds of soil within 50m to 75m 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								
Earthwork in all kinds of soil within 50m to 75m 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 direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pillar	15.000	1.000	1.000	1.000	0.000	15.000	-
ii	Wall	1.000	50.500	0.600	0.600	0.000	18.180	-
iii		15.000	1.000	0.600	0.600	0.000	-	5.400
Total Quantity					27.78 cum (cum)		27.78 Cum (Cubic Meter)	
Amount					27.78 X 229.87334168		6385.88	
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	Pilar	15.000	1.000	1.000	0.150	0.000	2.250	-
ii	Wall	1.000	50.500	0.600	0.150	0.000	4.545	-
iii		15.000	1.000	0.600	0.150	0.000	-	1.350
Total Quantity					5.445 cum (cum)		5.445 Cum (Cubic Meter)	
Amount					5.445 X 635.458872		3460.07	
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	Pilar	15.000	1.000	1.000	0.150	0.000	2.250	-

ii	Wall	1.000	50.500	0.600	0.150	0.000	4.545	-
iii		15.000	1.000	0.600	0.150	0.000	-	1.350
Total Quantity					5.445 cum (cum)		5.445 Cum (Cubic Meter)	
Amount					5.445 X 4813.85186768		26211.42	

4. R.C.C. Work (AR0402) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting (To be used for minor repair work only)

'Reinforced cement concrete (1:1.5:3) work with 12mm 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. (To be used for minor repair work only)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pilar	15.000	0.600	0.600	0.300	0.000	1.620	-
ii		15.000	0.230	0.230	2.400	0.000	1.904	-
iii	Plinth Beam	1.000	50.500	0.230	0.230	0.000	2.671	-
iv		15.000	0.230	0.230	0.230	0.000	-	0.183
Total Quantity					6.013345 cum (cum)		6.013345 Cum (Cubic Meter)	
Amount					6.013345 X 6506.06303368		39123.20	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	50.000	0.230	1.200	0.000	13.800	-
ii	Coping	1.000	50.500	0.300	0.100	0.000	1.515	-
iii	pilar	15.000	0.230	0.230	1.200	0.000	-	0.952
Total Quantity					14.3628 cum (cum)		14.3628 Cum (Cubic Meter)	
Amount					14.3628 X 4947.320534024		71057.38	

6. 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	Wall	2.000	50.500	0.000	1.800	0.000	181.800	-
Total Quantity					181.8 Sqm (Sqm)		181.8 Sqm (Square Meter)	
Amount					181.8 X 229.749533456		41768.47	

7. 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	1.000	1.000	1.000	5.750	5.750	-
Total Quantity					5.75 Qntl (Quintal)		5.75 Qntl (Quintal)	
Amount					5.75 X 6738.4846195		38746.29	

8. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	50.500	0.000	1.800	0.000	181.800	-
Total Quantity					181.8 Sqm (Sqm)		181.8 Sqm (Square Meter)	
Amount					181.8 X 70.025186666667		12730.58	

9. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	50.500	0.000	1.800	0.000	181.800	-
Total Quantity					181.8 Sqm (Sqm)		181.8 Sqm (Square Meter)	

Amount					181.8 X 99.252599	18044.12		
10. Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry.								
Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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		1.000	50.500	0.400	0.450	0.000	9.090	-
ii	DEduct	13.000	0.230	0.230	0.450	0.000	-	0.309
Total Quantity					8.780535 cum (cum)		8.780535 Cum (Cubic Meter)	
Amount					8.780535 X 4009.8571538992		35208.69	
Total Amount							292736.10	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2927.36	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							0.00	
Total Addition							6927.36	
Grand Net Total Amount							299663.46	