

Detailed Estimate

OD/363/3477/119893/428582/00073810 : Const of Dress Changing Room at Mandiaguda Kusulipent and Paching
Block : Narayan Patana, Gram Panchayat : Kumbhari
Created By: Sravani Padhy

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	LW	3.000	10.000	0.600	0.600	1.000	10.800	-
ii	SW	3.000	2.500	0.600	0.600	1.000	2.700	-
Total Quantity					13.5 cum (cum)		13.5 Cum (Cubic Meter)	
Amount					13.5 X 240.77592		3250.47	
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	LW	3.000	10.000	0.600	0.100	1.000	1.800	-
ii	SW	3.000	2.500	0.600	0.100	1.000	0.450	-
iii	ROOM	1.000	10.000	1.900	0.100	1.000	1.900	-
Total Quantity					4.15 cum (cum)		4.15 Cum (Cubic Meter)	
Amount					4.15 X 719.830232		2987.30	
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	LW	3.000	10.000	0.600	0.100	1.000	1.800	-
ii	SW	3.000	2.500	0.600	0.100	1.000	0.450	-
iii	ROOM	1.000	9.000	1.900	0.100	1.000	1.710	-
Total Quantity					3.96 cum (cum)		3.96 Cum (Cubic Meter)	
Amount					3.96 X 5890.21949894		23325.27	

4. Masonry Stone Work (AR0717) : Laterite stone masonry

Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	3.000	9.500	0.600	0.800	1.000	13.680	-
ii	SW	3.000	1.900	0.550	0.800	1.000	2.508	-
Total Quantity					16.188 cum (cum)		16.188 Cum (Cubic Meter)	
Amount					16.188 X 5796.573213192		93834.93	

5. 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	LW	3.000	9.500	0.300	0.300	1.000	2.565	-
ii	SW	3.000	1.900	0.300	0.300	1.000	0.513	-
Total Quantity					3.078 cum (cum)		3.078 Cum (Cubic Meter)	
Amount					3.078 X 7156.192717644		22026.76	

6. 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	ROD	1.000	0.000	0.000	0.000	0.000	1.000	-
Total Quantity					1 Qntl (Quintal)		1 Qntl (Quintal)	
Amount					1 X 8670.5328297		8670.53	

7. 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
i	LW	3.000	9.500	0.230	2.000	1.000	13.110	-
ii	SW	3.000	1.900	0.230	2.000	1.000	2.622	-
Total Quantity					15.732 cum (cum)		15.732 Cum (Cubic Meter)	
Amount					15.732 X 5255.436079792		82678.52	

8. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	3.000	9.500	1.000	2.000	1.000	57.000	-
ii	SW	3.000	1.900	1.000	2.000	1.000	11.400	-
Total Quantity					68.4 Sqm (Sqm)		68.4 Sqm (Square Meter)	

Amount					68.4 X 244.132806298	16698.68		
9. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	3.000	9.500	1.000	2.200	1.000	62.700	-
ii	SW	3.000	1.900	1.000	2.200	1.000	12.540	-
Total Quantity					75.24 Sqm (Sqm)		75.24 Sqm (Square Meter)	
Amount					75.24 X 169.8757984788		12781.46	
10. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork								
Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	6.000	9.500	1.000	2.200	1.000	125.400	-
ii	SW	6.000	1.900	1.000	2.200	1.000	25.080	-
Total Quantity					150.48 Sqm (Sqm)		150.48 Sqm (Square Meter)	
Amount					150.48 X 70.08994432871		10547.13	
11. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips								
2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOM	1.000	9.000	1.000	1.900	1.000	17.100	-
Total Quantity					17.1 Sqm (Sqm)		17.1 Sqm (Square Meter)	
Amount					17.1 X 366.9375751788		6274.63	

Total Amount	283075.69
Addition	
Display Citizen Board (+) @	1000.00
Any Other Lumpsum (+) @	12924.00
Provision for survey investigation and quality control (+) @	
Provision for Contingency (+) @	3000.00
Total Addition	16924.00
Grand Net Total Amount	299999.69

Sravani Padhy
JE
Narayan Patana Block

Susanta Mahallik
AEE
Narayan Patana Block

BIKRAM KUMAR DORA
BDO
Narayan Patana Block