

Detailed Estimate

**OD/363/3475/119859/428850/00070222 : Const. of Dress Changing Room at Kakirigumma Colony Nadi Ghat,
Podapadar & Kudipadar
Block : Laxmipur, Gram Panchayat : Kakirigumma
Created By:GIRIJA SANKAR PATI**

1. Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	9.000	3.150	0.400	0.450	0.000	5.103	-
ii		9.000	2.620	0.400	0.450	0.000	4.244	-
iii	STEP	6.000	0.900	0.600	0.200	0.000	0.648	-
Total Quantity						9.9954 cum (cum)	9.9954 Cum (Cubic Meter)	
Amount						9.9954 X 375.4984464	3753.26	
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	WALL	9.000	3.150	0.400	0.150	0.000	1.701	-
ii		9.000	2.620	0.400	0.150	0.000	1.415	-
iii	STEP	6.000	0.900	0.600	0.100	0.000	0.324	-
iv	PLINTH	3.000	2.340	2.590	0.300	0.000	5.455	-
Total Quantity						8.89434 cum (cum)	8.89434 Cum (Cubic Meter)	
Amount						8.89434 X 942.373632	8381.79	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	WALL	9.000	3.150	0.400	0.300	0.000	3.402	-
ii		9.000	2.620	0.400	0.300	0.000	2.830	-
iii	STEP	6.000	0.900	0.600	0.100	0.000	0.324	-
iv	PLINTH	3.000	2.620	2.620	0.100	0.000	2.059	-
v	WALL AGL	9.000	3.070	0.300	0.200	0.000	1.658	-
vi		9.000	2.720	0.300	0.200	0.000	1.469	-
Total Quantity					11.74152 cum (cum)		11.74152 Cum (Cubic Meter)	
Amount					11.74152 X 5331.98073244		62605.56	

4. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PLINTH BELT	9.000	3.000	0.230	0.150	0.000	0.932	-
ii		9.000	2.790	0.230	0.150	0.000	0.866	-
Total Quantity					1.797795 cum (cum)		1.797795 Cum (Cubic Meter)	
Amount					1.797795 X 5731.8882224188		10304.76	

5. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (23cm x 11cm 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	6.000	3.000	0.230	1.800	0.000	7.452	-
ii	PARTITION	3.000	2.540	0.150	1.800	0.000	2.057	-
iii	WALL	6.000	2.040	0.230	1.800	0.000	5.067	-
iv	PARTITION	3.000	2.040	0.150	1.800	0.000	1.652	-
v	STEP	6.000	0.900	0.600	0.150	0.000	0.486	-
vi		6.000	0.900	0.300	0.150	0.000	0.243	-
vii	DOOR	6.000	0.750	0.230	1.800	0.000	-	1.863
Total Quantity					15.09516 cum (cum)		15.09516 Cum (Cubic Meter)	
Amount					15.09516 X 5049.546731392		76223.72	

6. Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	FLOOR	3.000	2.540	2.790	0.000	0.000	21.260	-
ii	STEP	6.000	0.900	0.600	0.000	0.000	3.240	-
Total Quantity					24.4998 Sqm (Sqm)		24.4998 Sqm (Square Meter)	
Amount					24.4998 X 365.5524298688		8955.96	

7. Plastering (AR1004) : 12mm thick cement plster (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	WALL	6.000	3.000	2.150	0.000	0.000	38.700	-
ii		6.000	2.040	2.150	0.000	0.000	26.316	-
iii	WALL TOP	3.000	30.240	0.250	0.000	0.000	22.680	-
Total Quantity					87.696 Sqm (Sqm)		87.696 Sqm (Square Meter)	
Amount					87.696 X 172.9989901688		15171.32	

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	WALL	6.000	2.540	1.800	0.000	0.000	27.432	-
ii		6.000	2.040	1.800	0.000	0.000	22.032	-
iii		6.000	2.040	1.800	0.000	0.000	22.032	-
iv		6.000	2.540	1.800	0.000	0.000	27.432	-
v	WALL TOP	3.000	4.580	0.250	0.000	0.000	3.435	-
vi	DOOR	6.000	0.750	1.800	0.000	0.000	-	8.100
Total Quantity					94.263 Sqm (Sqm)		94.263 Sqm (Square Meter)	
Amount					94.263 X 247.880396148		23365.95	

9. 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	PLINTH BELT	36.000	6.250	0.000	0.000	0.670	150.750	-
ii		220.000	0.700	0.000	0.000	0.395	60.830	-
Total Quantity					211.58 Kg (Kilo Gram)		2.1158 Qntl (Quintal)	
Amount					2.1158 X 8664.2281572		18331.77	

10. 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	PLINTH BELT	6.000	6.250	0.450	0.000	0.000	16.875	-
ii		6.000	5.330	0.450	0.000	0.000	14.391	-
iii		6.000	2.040	0.450	0.000	0.000	5.508	-
iv		6.000	2.540	0.450	0.000	0.000	6.858	-
Total Quantity					43.632 Sqm (Sqm)		43.632 Sqm (Square Meter)	
Amount					43.632 X 216.23489289764		9434.76	

11. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	12MM PLASTER AREA	1.000	87.690	1.000	0.000	0.000	87.690	-
ii	16MM PLASTER AREA	1.000	94.260	1.000	0.000	0.000	94.260	-

Total Quantity			181.95 Sqm (Sqm)				181.95 Sqm (Square Meter)	
Amount			181.95 X 71.83248932951				13069.92	
12. 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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	12MM PLASTER AREA	1.000	87.690	1.000	0.000	0.000	87.690	-
ii	16MM PLASTER AREA	1.000	94.260	1.000	0.000	0.000	94.260	-
Total Quantity			181.95 Sqm (Sqm)				181.95 Sqm (Square Meter)	
Amount			181.95 X 94.7526285875				17240.24	
13. Iron Work (AR1704) : Iron Doors and windows fixing								
Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	DOOR	6.000	50.000	0.000	0.000	0.500	150.000	-
Total Quantity			150 Kg (Kilo Gram)				1.5 Qntl (Quintal)	
Amount			1.5 X 15995.809571087				23993.71	
Total Amount							290832.72	
Addition								
Display Citizen Board (+) @							4700.00	
Any Other Lumpsum (+) @							1467.00	
Provision for survey investigation and quality control (+) @								

Provision for Contingency (+) @	3000.00
Total Addition	9167.00
Grand Net Total Amount	299999.72

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