

## Detailed Estimate

**OD/363/3475/119859/428850/00069433 : Const. of 3 nos. of changing room (Double berth) bathing ghat at Sundi nadi  
Ghat, Kakirigumma  
Block : Laxmipur, Gram Panchayat : Kakirigumma  
Created By:GIRIJA SANKAR PATI**

<b>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</b>								
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	-
iv	BED	3.000	3.000	3.000	0.300	0.000	8.100	-
<b>Total Quantity</b>						18.0954 cum (cum)	18.0954 Cum (Cubic Meter)	
<b>Amount</b>						<b>18.0954 X 375.4984464</b>	<b>6794.79</b>	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	-
<b>Total Quantity</b>						8.89434 cum (cum)	8.89434 Cum (Cubic Meter)	

Amount					8.89434 X 916.073232	8147.87		
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
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	0.150	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	0.150	0.000	2.727	-
v	WALL AGL	9.000	3.070	0.300	0.300	0.000	2.487	-
vi		9.000	2.720	0.300	0.300	0.000	2.203	-
Total Quantity					10.85697 cum (cum)		10.85697 Cum (Cubic Meter)	
Amount					10.85697 X 5319.35654044		57752.09	
<b>4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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 5720.0530424188		10283.48	

**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/cm<sup>2</sup> with dimensional tolerance  $\pm 8$  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	0.150	1.800	0.000	-	1.215
Total Quantity					15.74316 cum (cum)		15.74316 Cum (Cubic Meter)	
Amount					15.74316 X 5042.182619392		79379.89	

**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 365.2368250688		8948.23	

**7. 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	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 172.6044841688		15136.72	

**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 247.406988948		23321.32	

**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	WALL	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	87.696	1.000	0.000	0.000	87.696	-
ii	16MM PLASTER AREA	1.000	94.263	1.000	0.000	0.000	94.263	-

Total Quantity		181.959 Sqm (Sqm)		181.959 Sqm (Square Meter)				
Amount		181.959 X 71.83248932951		13070.57				
<b>12. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)</b>								
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	PRIMING AREA	1.000	181.959	1.000	0.000	0.000	181.959	-
Total Quantity		181.959 Sqm (Sqm)		181.959 Sqm (Square Meter)				
Amount		181.959 X 94.7526285875		17241.09				
<b>13. Iron Work (AR1704) : Iron Doors and windows fixing</b>								
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				291836.31				
<b>Addition</b>								
Display Citizen Board (+) @				3700.00				
Any Other Lumpsum (+) @				1463.60				
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @				3000.00				

<b>Total Addition</b>	<b>8163.60</b>
<b>Grand Net Total Amount</b>	<b>299999.91</b>

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