

## Detailed Estimate

**OD/363/3475/119864/428859/00069693 : Const. of 3 nos. of changing room (Double berth) at Bathing Ghat, Bamankote**

**Block : Laxmipur, Gram Panchayat : Panchada**

**Created By: RANJIT KHOSLA**

<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	L/W	2.000	10.500	0.750	0.600	0.000	9.450	-
ii	S/W	7.000	1.500	0.750	0.600	0.000	4.725	-
iii	VARENDHA WALL	1.000	9.900	0.300	0.300	0.000	0.891	-
<b>Total Quantity</b>						<b>15.066 cum (cum)</b>	<b>15.066 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>15.066 X 375.4984464</b>	<b>5657.26</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	L/W	2.000	10.500	0.750	0.075	0.000	1.181	-
ii	S/W	7.000	1.500	0.750	0.075	0.000	0.591	-
iii	ROOMS	6.000	2.100	1.350	0.075	0.000	1.276	-
iv	VARENDHA	1.000	9.900	1.200	0.075	0.000	0.891	-
<b>Total Quantity</b>						<b>3.938625 cum (cum)</b>	<b>3.938625 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>3.938625 X 587.318232</b>	<b>2313.23</b>	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								

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	L/W	2.000	10.500	0.750	0.150	0.000	2.363	-
ii	S/W	7.000	0.750	0.750	0.150	0.000	0.591	-
iii	ROOM	6.000	1.350	1.350	0.100	0.000	1.094	-
iv	VARENDHA	1.000	9.900	1.200	0.100	0.000	1.188	-
v	VARENDHA CUT OFF	1.000	9.900	0.300	0.300	0.000	0.891	-
Total Quantity					6.125625 cum (cum)		6.125625 Cum (Cubic Meter)	
Amount					6.125625 X 5484.03592944		33593.15	

#### 4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	1st footing L/W	2.000	10.200	0.750	0.450	0.000	6.885	-
ii	1st footing S/W	7.000	1.800	0.750	0.450	0.000	4.253	-
iii	2nd footing L/W	2.000	9.900	0.450	0.350	0.000	3.119	-
iv	2nd footing S/W	7.000	2.100	0.450	0.350	0.000	2.315	-
Total Quantity					16.57125 cum (cum)		16.57125 Cum (Cubic Meter)	
Amount					16.57125 X 4287.8527105936		71055.08	

#### 5. Flooring (AR0820) : 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips

2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	DPC Plinth L/W	2.000	9.900	0.450	0.000	0.000	8.910	-
ii	S/W	7.000	2.100	0.450	0.000	0.000	6.615	-
Total Quantity							15.525 Sqm (Sqm)	15.525 Sqm (Square Meter)
Amount							15.525 X 340.8450105144	5291.62

**6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	9.900	0.230	2.330	0.000	10.611	-
ii	S/W	7.000	2.100	0.230	2.330	0.000	7.878	-
iii	STEPS	6.000	0.750	0.300	0.150	0.000	0.203	-
iv	deduction Doors	6.000	0.750	0.230	2.330	0.000	-	2.412
Total Quantity							16.2795 cum (cum)	16.2795 Cum (Cubic Meter)
Amount							16.2795 X 5127.040880192	83465.66

**7. Plastering (AR1004ik) : 12mm thick cement plaster (1:6) over Brick work in outside(For repair and maintenance).**

12mm thick cement plaster (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(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	9.900	2.330	0.000	0.000	46.134	-
ii	S/W	2.000	2.560	2.330	0.000	0.000	11.930	-
iii	DEDUCTION DOOR	6.000	0.750	2.330	0.000	0.000	-	10.485
Total Quantity							47.5786 Sqm (Sqm)	47.5786 Sqm (Square Meter)

<b>Amount</b>							<b>47.5786 X 174.7573617888</b>	<b>8314.71</b>
<b>8. Plastering (AR1008ik) : 20mm thick cement Plaster in CM (1:6) over stone work in outside (Outside)(For repair and maintenance).</b>								
20mm thick cement Plaster in CM (1:6) over stone 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(For repair and maintenance).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	l/w	1.000	9.900	0.300	0.000	0.000	2.970	-
ii	s/w	2.000	2.560	0.300	0.000	0.000	1.536	-
Total Quantity						4.506 Sqm (Sqm)		4.506 Sqm (Square Meter)
<b>Amount</b>							<b>4.506 X 262.820740752</b>	<b>1184.27</b>
<b>9. Plastering (AR1014k) : First Floor</b>								
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(For repair and maintenance).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	l/w	12.000	1.350	2.330	0.000	0.000	37.746	-
ii	s/w	12.000	2.100	2.330	0.000	0.000	58.716	-
Total Quantity						96.462 Sqm (Sqm)		96.462 Sqm (Square Meter)
<b>Amount</b>							<b>96.462 X 257.001938448</b>	<b>24790.92</b>
<b>10. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips</b>								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOM	6.000	1.350	2.100	0.000	0.000	17.010	-
ii	VARENDHA	1.000	9.900	1.200	0.000	0.000	11.880	-
Total Quantity						28.89 Sqm (Sqm)		28.89 Sqm (Square Meter)

<b>Amount</b>							<b>28.89 X 357.4570899888</b>	<b>10326.94</b>
<b>11. miscellaneous (ARM106) : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.</b>								
Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	DOOR	6.000	0.750	1.800	0.000	0.000	8.100	-
Total Quantity							8.1 Sqm (Sqm)	8.1 Sqm (Square Meter)
<b>Amount</b>							<b>8.1 X 93.32</b>	<b>755.89</b>
<b>12. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)</b>								
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	Qnty.same as 12mm cp and 16mm cp	1.000	144.041	0.000	0.000	0.000	144.041	-
Total Quantity							144.0406 Sqm (Sqm)	144.0406 Sqm (Square Meter)
<b>Amount</b>							<b>144.0406 X 71.84257680551</b>	<b>10348.25</b>
<b>13. Painting (AR0919b) : Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside)</b>								
Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty 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	Qnty.same as primer items	1.000	144.041	0.000	0.000	0.000	144.041	-
Total Quantity							144.0406 Sqm (Sqm)	144.0406 Sqm (Square Meter)
<b>Amount</b>							<b>144.0406 X 133.07484463301</b>	<b>19168.18</b>

Total Amount (A) : 276265.15

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.5000	-	5000
2	Any Other Lumpsum @ Rs.15972	cost of doors and other unforeseen items	15972
3	Provision for Contingency @ 1%	-	2762.6515100523

Additional Components Amount (F) : 23734.651510052

Grand Total Amount (A + F) : 299999.80251529

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