

## Detailed Estimate

**OD/361/3450/119416/385523/00070935 : TOILET REPAIRING, ACR GRADING, FLOORING & COLORING AT SIRIABAHAL**

**Block : Jhumpura, Gram Panchayat : Balibandha**

**Created By: Ajay Kumar Behera**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	35.000	2.000	3.000	0.000	210.000	-
Total Quantity					210 Cft (Cubic Foot)		5.946528 Cum (Cubic Meter)	
Amount					5.946528 X 240.77592		1431.78	
<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	1.000	35.000	2.000	0.500	0.000	35.000	-
ii	Plinth	1.000	10.000	10.000	1.000	0.000	100.000	-
Total Quantity					135 Cft (Cubic Foot)		3.822768 Cum (Cubic Meter)	
Amount					3.822768 X 781.500832		2987.50	
<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	Wall	1.000	35.000	2.000	0.500	0.000	35.000	-
ii	Plinth	1.000	10.000	10.000	0.330	0.000	33.000	-
Total Quantity					68 Cft (Cubic Foot)		1.9255424 Cum (Cubic Meter)	
Amount					1.9255424 X 6253.65324082		12041.67	

**4. 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/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	Wall 1st footing	1.000	35.000	1.660	1.000	0.000	58.100	-
ii	2nd footing	1.000	35.000	1.250	2.000	0.000	87.500	-
Total Quantity					145.6 Cft (Cubic Foot)		4.12292608 Cum (Cubic Meter)	
Amount					4.12292608 X 5491.358342176		22640.46	

**5. 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/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	Wall	1.000	35.000	0.830	4.500	0.000	130.725	-
ii	Door	1.000	4.000	0.830	4.500	0.000	-	14.940
Total Quantity					115.785 Cft (Cubic Foot)		3.278660688 Cum (Cubic Meter)	

<b>Amount</b>					3.278660688 X 5576.741217176		18284.24	
<b>6. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Floor	1.000	10.000	10.000	0.000	0.000	100.000	-
Total Quantity					100 Sft (Square Foot)		9.2903 Sqm (Square Meter)	
<b>Amount</b>					9.2903 X 376.3943584564		3496.82	
<b>7. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall (Both side)	2.000	35.000	0.000	4.500	0.000	315.000	-
ii	Door	2.000	4.000	0.000	4.500	0.000	-	36.000
Total Quantity					279 Sft (Square Foot)		25.919937 Sqm (Square Meter)	
<b>Amount</b>					25.919937 X 254.746310094		6603.01	
<b>8. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</b>								
Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery 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	To be paid as per actual	150.000	0.000	0.000	0.000	0.000	150.000	-
Total Quantity					150 Kg (Kilo Gram)		1.5 Qntl (Quintal)	

<b>Amount</b>						<b>1.5 X 14019.214798252</b>	<b>21028.82</b>	
<b>9. Roofing (AR1132i) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties</b>								
Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	14.000	13.500	0.000	0.000	189.000	-
Total Quantity					189 Sft (Square Foot)		17.558667 Sqm (Square Meter)	
<b>Amount</b>						<b>17.558667 X 537.71510132332</b>	<b>9441.56</b>	
<b>10. 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	1.000	4.000	0.000	6.500	2.500	65.000	-
ii	Grill	2.000	8.000	0.000	2.000	2.500	80.000	-
Total Quantity					145 Kg (Kilo Gram)		1.45 Qntl (Quintal)	
<b>Amount</b>						<b>1.45 X 16558.132121087</b>	<b>24009.29</b>	
<b>11. Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).</b>								
Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall (Both side)	2.000	35.000	0.000	4.500	0.000	315.000	-
ii	Old Wall (Both side)	2.000	60.000	0.000	10.000	0.000	1200.000	-

iii	Door	2.000	4.000	0.000	6.500	0.000	52.000	-
iv		2.000	4.000	0.000	4.500	0.000	36.000	-
Total Quantity					1603 Sft (Square Foot)		148.923509 Sqm (Square Meter)	
Amount					148.923509 X 163.17238623702		24300.20	
Total Amount							146265.36	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1462.65	
Display Citizen Board (+) @							2271.98	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							3734.63	
Grand Net Total Amount							150000.00	

Ajay Kumar Behera  
JE  
Jhumpura Block

SIDA MAJHEE  
AEE  
Jhumpura Block

KendujharJhumpuraBDO  
BDO  
Jhumpura Block