

Detailed Estimate

OD/362/3462/119647/408199/00063422 : Repair & Maintenance of Govt. PS, Sananairi.

Block : Chilika, Gram Panchayat : Sananasiri

Created By: BHAGYASHREE BEHERA

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	WALL	1.000	39.000	2.500	2.000	0.000	195.000	-
Total Quantity						195 Cft (Cubic Foot)	5.521776 Cum (Cubic Meter)	
Amount						5.521776 X 240.77592	1329.51	
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	WALL	1.000	39.000	2.500	0.330	0.000	32.175	-
ii	floor	1.000	26.000	5.000	0.250	0.000	32.500	-
iii		1.000	18.000	6.000	0.250	0.000	27.000	-
iv		1.000	8.000	5.000	0.250	0.000	10.000	-
Total Quantity						101.675 Cft (Cubic Foot)	2.87911064 Cum (Cubic Meter)	
Amount						2.87911064 X 1214.477732	3496.62	
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	1.000	39.000	2.500	0.330	0.000	32.175	-
ii		1.000	26.000	5.000	0.330	0.000	42.900	-
iii		1.000	18.000	6.000	0.330	0.000	35.640	-
iv		1.000	8.000	5.000	0.330	0.000	13.200	-
Total Quantity					123.915 Cft (Cubic Foot)		3.508876272 Cum (Cubic Meter)	
Amount					3.508876272 X 5824.8348118		20438.62	

4. 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	1.000	39.000	0.000	5.000	0.000	195.000	-
Total Quantity					195 Sft (Square Foot)		18.116085 Sqm (Square Meter)	
Amount					18.116085 X 252.88738146		4581.33	

5. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

12mm thick cement plster (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	1.000	39.000	0.000	5.830	0.000	227.370	-
Total Quantity					227.37 Sft (Square Foot)		21.12335511 Sqm (Square Meter)	

Amount						21.12335511 X 177.171428156	3742.45	
6. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring								
Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	26.000	0.000	5.000	0.000	130.000	-
ii		1.000	18.000	0.000	6.000	0.000	108.000	-
iii		1.000	25.000	0.000	13.000	0.000	325.000	-
Total Quantity						563 Sft (Square Foot)	52.304389 Sqm (Square Meter)	
Amount						52.304389 X 100.34838709677	5248.66	
7. 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	FLOOR	1.000	26.000	0.000	5.000	0.000	130.000	-
ii		1.000	18.000	0.000	6.000	0.000	108.000	-
iii		1.000	25.000	0.000	13.000	0.000	325.000	-
Total Quantity						563 Sft (Square Foot)	52.304389 Sqm (Square Meter)	
Amount						52.304389 X 369.799234156	19342.12	
8. 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	WALL	1.000	39.000	1.660	0.830	0.000	53.734	-
Total Quantity					53.7342 Cft (Cubic Foot)		1.52158059456 Cum (Cubic Meter)	
Amount					1.52158059456 X 5754.16119704		8755.42	
9. 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 ² 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	WALL	1.000	5.500	0.830	5.000	0.000	22.825	-
ii		2.000	5.500	0.830	6.000	0.000	54.780	-
iii		1.000	6.500	0.830	5.000	0.000	26.975	-
iv		2.000	8.000	0.830	5.000	0.000	66.400	-
v		1.000	12.000	0.830	3.000	0.000	29.880	-
Total Quantity					200.86 Cft (Cubic Foot)		5.687712448 Cum (Cubic Meter)	
Amount					5.687712448 X 5599.81582504		31850.14	
Total Amount							98784.88	
Addition								
Provision for PH Work (+) @							48500.00	
Provision for EI Work (+) @							1500.00	
Provision for Contingency (+) @							715.11	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	51215.11
Grand Net Total Amount	149999.99

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MADHUSMITA TRPATHY
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