

Detailed Estimate

OD/360/3441/119214/395609/00065706 : Repair and restoration of Badiha Community Center

Block : Rajkanika, Gram Panchayat : Jagulaipada

Created By:NIHAR RANJAN PARIDA

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earth work in Excavation for Foundation	1.000	38.000	0.450	0.600	0.000	10.260	-
Total Quantity					10.26 cum (cum)		10.26 Cum (Cubic Meter)	
Amount					10.26 X 240.77592		2470.36	
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	For Foundation wall Botttom	1.000	38.000	0.450	0.150	0.000	2.565	-
ii	Inside Foundation wall	2.000	12.700	1.000	0.750	0.000	19.050	-
iii	do	1.000	2.000	3.800	0.750	0.000	5.700	-
iv	do	1.000	5.200	3.800	0.750	0.000	14.820	-
Total Quantity					42.135 cum (cum)		42.135 Cum (Cubic Meter)	
Amount					42.135 X 901.872632		38000.40	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								

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	For Foundation Base	1.000	38.000	0.450	0.150	0.000	2.565	-
ii	Inside wall for Flooring	2.000	12.700	1.000	0.075	0.000	1.905	-
iii	do	1.000	2.000	3.800	0.075	0.000	0.570	-
iv	do	1.000	5.200	3.800	0.075	0.000	1.482	-
Total Quantity					6.522 cum (cum)		6.522 Cum (Cubic Meter)	
Amount					6.522 X 6152.92406626		40129.37	

4. 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/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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Foundation Peripheral wall	1.000	38.000	0.250	0.900	0.000	8.550	-
Total Quantity					8.55 cum (cum)		8.55 Cum (Cubic Meter)	
Amount					8.55 X 5214.330370168		44582.52	

5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Inside Foundation wall for Flooring	2.000	12.700	1.000	0.050	0.000	1.270	-
ii	do	1.000	2.000	3.800	0.050	0.000	0.380	-
iii	do	1.000	5.200	3.800	0.050	0.000	0.988	-
Total Quantity					2.638 cum (cum)		2.638 Cum (Cubic Meter)	
Amount					2.638 X 7650.91075362		20183.10	
6. 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	For Structural shed	100.000	0.000	0.000	0.000	0.000	100.000	-
Total Quantity					100 Kg (Kilo Gram)		1 Qntl (Quintal)	
Amount					1 X 15943.618427087		15943.62	
7. Roofing (AR1132) : Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties								
Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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	Roofing	1.000	4.200	2.250	0.000	0.000	9.450	-
Total Quantity					9.45 Sqm (Sqm)		9.45 Sqm (Square Meter)	
Amount					9.45 X 517.87098361032		4893.88	
Total Amount							166203.26	
Addition								
Provision for PH Work (+) @								

Provision for EI Work (+) @	30000.00
Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	1796.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	33796.00
Grand Net Total Amount	199999.26

NIHAR RANJAN PARIDA
JE
Rajkanika Block

SUDHANSU SEKHAR PATRA
AEE
Rajkanika Block

KAILASH CHANDRA MAHALIK
BDO
Rajkanika Block