

Detailed Estimate

OD/361/3454/119512/385783/00068643 : Development Of Rural Haat At Udayapur

Block : Saharapada, Gram Panchayat : Udayapur

Created By:Manoj Kuamr Routray

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	2 NOS VERTICAL POST	16.000	0.600	0.600	0.800	0.000	4.608	-
ii	LONG WALL	12.000	3.970	0.600	0.600	0.000	17.150	-
iii	SHORT WALL	4.000	5.500	0.600	0.600	0.000	7.920	-
Total Quantity					29.6784 cum (cum)		29.6784 Cum (Cubic Meter)	
Amount					29.6784 X 240.77592		7145.84	
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 VERTICAL POST	16.000	0.600	0.600	0.100	0.000	0.576	-
ii	LONG WALL	12.000	3.970	0.600	0.100	0.000	2.858	-
iii	SHORT WALL	4.000	5.500	0.600	0.100	0.000	1.320	-
iv	INSIDE	2.000	13.460	5.850	0.400	0.000	62.993	-
Total Quantity					67.7472 cum (cum)		67.7472 Cum (Cubic Meter)	

Amount				67.7472 X 599.498832			40614.37	
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	VERTICAL POST	16.000	0.600	0.600	0.100	0.000	0.576	-
ii	LONG WALL	12.000	3.970	0.600	0.100	0.000	2.858	-
iii	SHORT WALL	4.000	5.500	0.600	0.100	0.000	1.320	-
iv	INSIDE	2.000	13.460	5.850	0.150	0.000	23.622	-
Total Quantity					28.3767 cum (cum)		28.3767 Cum (Cubic Meter)	
Amount					28.3767 X 5638.98455424		160015.77	
4. 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
i	VERTICAL POST	16.000	0.450	0.450	0.600	0.000	1.944	-
ii		16.000	0.380	0.380	0.600	0.000	1.386	-
iii	PLINTH BAND	4.000	13.970	0.250	0.150	0.000	2.096	-
iv		4.000	5.850	0.250	0.150	0.000	0.878	-
Total Quantity					6.30324 cum (cum)		6.30324 Cum (Cubic Meter)	
Amount					6.30324 X 7372.92373288		46473.31	

5. 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	PLINTH BAND	3.000	0.000	0.000	0.000	0.000	3.000	-
Total Quantity					3 Qntl (Quintal)		3 Qntl (Quintal)	
Amount					3 X 9273.5808522		27820.74	

6. 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/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	LONG WALL	12.000	4.190	0.380	0.600	0.000	11.464	-
ii	SHORT WALL	4.000	5.720	0.380	0.600	0.000	5.217	-
Total Quantity					16.68048 cum (cum)		16.68048 Cum (Cubic Meter)	
Amount					16.68048 X 5278.442328432		88046.95	

7. 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	LONG WALL	4.000	13.970	1.050	0.000	0.000	58.674	-
ii	SHORT WALL	4.000	6.350	1.050	0.000	0.000	26.670	-

Total Quantity				85.344 Sqm (Sqm)			85.344 Sqm (Square Meter)	
Amount				85.344 X 247.744577408			21143.51	
8. Painting (AR0918Ai) : Finishing wall one coat with weather coat								
Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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	QUANTITY VIDE ITEM NO 7	85.344	0.000	0.000	0.000	0.000	85.344	-
Total Quantity				85.344 Sqm (Sqm)			85.344 Sqm (Square Meter)	
Amount				85.344 X 57.11361534			4874.30	
9. 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	INSIDE	2.000	13.460	5.850	0.000	0.000	157.482	-
Total Quantity				157.482 Sqm (Sqm)			157.482 Sqm (Square Meter)	
Amount				157.482 X 368.1798697248			57981.70	
10. Roofing (AR1132) : Supplying, feeting & 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		2.000	15.000	7.500	0.000	0.000	225.000	-
Total Quantity				225 Sqm (Sqm)			225 Sqm (Square Meter)	
Amount				225 X 522.15164641032			117484.12	

Total Amount	571600.63
Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	10000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	413399.00
Provision for survey investigation and quality control (+) @	
Total Addition	428399.00
Grand Net Total Amount	999999.63

Manoj Kuamr Routray
JE
Saharapada Block

Motilal Tung
AEE
Saharapada Block

KendujharSaharapadaBDO
BDO
Saharapada Block