

Detailed Estimate

OD/361/3451/119435/385360/00071759 : MAINTENANCE OF BADKALIMATI PRIMARY SCHOOL

Block : Joda, Gram Panchayat : Badakalimati

Created By: DURGA MAHALI

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	Boundary wall	1.000	41.000	2.000	2.000	0.000	164.000	-
Total Quantity					164 Cft (Cubic Foot)		4.6439552 Cum (Cubic Meter)	
Amount					4.6439552 X 240.77592		1118.15	
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	Boundary wall	1.000	41.000	2.000	0.330	0.000	27.060	-
Total Quantity					27.06 Cft (Cubic Foot)		0.766252608 Cum (Cubic Meter)	
Amount					0.766252608 X 1777.865832		1362.29	
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	Boundary wall	1.000	41.000	2.000	0.330	0.000	27.060	-

Total Quantity	27.06 Cft (Cubic Foot)	0.766252608 Cum (Cubic Meter)
Amount	0.766252608 X 6618.04658774	5071.10

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/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	Boundary wall	1.000	41.000	1.660	1.000	0.000	68.060	-
ii		1.000	41.000	1.250	1.000	0.000	51.250	-
Total Quantity					119.31 Cft (Cubic Foot)		3.378477408 Cum (Cubic Meter)	
Amount					3.378477408 X 5497.066383032		18571.71	

5. Masonry Brick Work (AR0603bi) : Fourth Floor

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	Boundary wall	1.000	41.000	0.830	5.330	0.000	181.380	-
ii		1.000	13.000	0.830	2.500	0.000	26.975	-
Total Quantity					208.3549 Cft (Cubic Foot)		5.89994403232 Cum (Cubic Meter)	
Amount					5.89994403232 X 7173.3702044458		42322.48	

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

12mm thick cement plaster (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	Boundary wall	2.000	41.000	0.000	6.330	0.000	519.060	-
ii		2.000	13.000	0.000	2.500	0.000	65.000	-
Total Quantity					584.06 Sft (Square Foot)		54.26092618 Sqm (Square Meter)	
Amount					54.26092618 X 187.3857176148		10167.72	

7. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)

4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab Class Room	1.000	25.160	24.000	0.000	0.000	603.840	-
ii	Toilet	1.000	12.000	17.000	0.000	0.000	204.000	-
Total Quantity					807.84 Sft (Square Foot)		75.05075952 Sqm (Square Meter)	
Amount					75.05075952 X 792.6043732722		59485.56	

8. Painting (AR0901d) : First Floor

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	Boundary wall	2.000	41.000	0.000	5.330	0.000	437.060	-
ii		2.000	13.000	0.000	2.500	0.000	65.000	-

iii	Class Room (Out side) Long wall	1.000	42.330	0.000	12.000	0.000	507.960	-
iv		1.000	42.330	0.000	4.000	0.000	169.320	-
v	Short wall	2.000	20.660	0.000	12.000	0.000	495.840	-
vi		2.000	8.830	0.000	4.000	0.000	70.640	-
vii	Door	4.000	3.500	0.000	6.500	0.000	-	91.000
viii	Window	4.000	3.500	0.000	4.000	0.000	-	56.000
ix	Class Room-2 Out side	1.000	24.160	0.000	12.000	0.000	289.920	-
x		1.000	24.160	0.000	4.000	0.000	96.640	-
xi	Short wall	2.000	17.660	0.000	12.000	0.000	423.840	-
xii		2.000	8.660	0.000	4.000	0.000	69.280	-
Total Quantity					2478.5 Sft (Square Foot)		230.2600855 Sqm (Square Meter)	
Amount					230.2600855 X 73.602244926671		16947.66	
9. Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)								
Finishing wall with two coat weather coat paint of approved shade 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Boundary wall	2.000	41.000	0.000	5.330	0.000	437.060	-
ii		2.000	13.000	0.000	2.500	0.000	65.000	-
iii	Class Room (Out side) Long wall	1.000	42.330	0.000	12.000	0.000	507.960	-
iv		1.000	42.330	0.000	4.000	0.000	169.320	-

v	Short wall	2.000	20.660	0.000	12.000	0.000	495.840	-
vi		2.000	8.830	0.000	4.000	0.000	70.640	-
vii	Door	4.000	3.500	0.000	6.500	0.000	-	91.000
viii	Window	4.000	3.500	0.000	4.000	0.000	-	56.000
ix	Class Room-2 Out side	1.000	24.160	0.000	12.000	0.000	289.920	-
x		1.000	24.160	0.000	4.000	0.000	96.640	-
xi	Short wall	2.000	17.660	0.000	12.000	0.000	423.840	-
xii		2.000	8.660	0.000	4.000	0.000	69.280	-
Total Quantity					2478.5 Sft (Square Foot)		230.2600855 Sqm (Square Meter)	
Amount					230.2600855 X 87.8957133375		20238.87	
Total Amount							175285.56	
Addition								
Provision for PH Work (+) @							21961.00	
Provision for EI Work (+) @								
Provision for Contingency (+) @							1752.86	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							24713.86	
Grand Net Total Amount							199999.41	

DURGA MAHALI
JE
Joda Block

AJAYA KUMAR SAHOO
AEE
Joda Block

Kendujhar.JodaBDO
BDO
Joda Block