

Detailed Estimate

OD/351/3348/117236/383263/00017903 : Repair & Maintenance Of Bhaliadihi Primary School

Block : Tileibani, Gram Panchayat : Talkundi

Created By:GHANASHYAM SAHU

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	17.000	0.600	0.600	0.000	6.120	-
Total Quantity					6.12 cum (cum)		6.12 Cum (Cubic Meter)	
Amount					6.12 X 240.77592		1473.55	
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	17.000	0.600	0.100	0.000	1.020	-
ii	DANING BLRK	1.000	4.000	3.000	0.150	0.000	1.800	-
Total Quantity					2.82 cum (cum)		2.82 Cum (Cubic Meter)	
Amount					2.82 X 433.101332		1221.35	
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	BOUNDRY WALL	1.000	17.000	0.600	0.150	0.000	1.530	-

ii	PANING BLRK	1.000	4.000	3.000	0.100	0.000	1.200	-
Total Quantity					2.73 cum (cum)		2.73 Cum (Cubic Meter)	
Amount					2.73 X 6093.99094198		16636.60	
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 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	BOUNDARY WALL	1.000	17.000	0.450	0.250	0.000	1.913	-
ii	BOUNDRY WALL	1.000	17.000	0.380	0.750	0.000	4.845	-
Total Quantity					6.7575 cum (cum)		6.7575 Cum (Cubic Meter)	
Amount					6.7575 X 5467.943056464		36949.63	
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 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	BOUNDRY WALL	1.000	17.000	0.250	1.820	0.000	7.735	-
Total Quantity					7.735 cum (cum)		7.735 Cum (Cubic Meter)	
Amount					7.735 X 5501.273056464		42552.35	
6. Plastering (AR1004) : 12mm thick cement plster (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	BOUNDRY WALL	2.000	17.000	1.820	0.000	0.000	61.880	-
Total Quantity					61.88 Sqm (Sqm)		61.88 Sqm (Square Meter)	
Amount					61.88 X 185.0648027396		11451.81	

7. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	17.000	1.820	0.000	0.000	61.880	-
ii	inside class room	2.000	6.000	3.000	0.000	0.000	36.000	-
iii	CLASS ROOM	2.000	5.330	3.000	0.000	0.000	31.980	-
iv	CLASS ROOM	4.000	5.330	0.600	0.000	0.000	12.792	-
v	OUT SIDE	2.000	19.090	3.050	0.000	0.000	116.449	-
vi	OUT SIDE	2.000	5.740	3.050	0.000	0.000	35.014	-
vii	OUT SIDE	2.000	5.740	0.600	0.000	0.000	6.888	-
viii	DEDUCTION D	3.000	1.600	1.980	0.000	0.000	-	9.504
ix	W	9.000	1.200	1.200	0.000	0.000	-	12.960
Total Quantity					278.539 Sqm (Sqm)		278.539 Sqm (Square Meter)	
Amount					278.539 X 160.71529806685		44765.48	

8. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

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 AREA	0.000	6.000	7.300	0.000	0.000	43.800	-
ii	ROOF AREA	0.000	3.500	2.400	0.000	0.000	8.400	-
Total Quantity					52.2 Sqm (Sqm)		52.2 Sqm (Square Meter)	
Amount					52.2 X 537.32000851332		28048.10	

9. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	paver block	1.000	8.000	3.000	0.000	0.000	24.000	-
Total Quantity					24 Sqm (Sqm)		24 Sqm (Square Meter)	
Amount					24 X 619.5513		14869.23	
Total Amount							197968.09	

Addition

Provision for PH Work (+) @	
Provision for EI Work (+) @	8000.00
Provision for Contingency (+) @	2160.00
Display Citizen Board (+) @	500.00
Any Other Lumpsum (+) @	8251.00
Provision for survey investigation and quality control (+) @	
Total Addition	18911.00

Grand Net Total Amount	216879.09
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GHANASHYAM SAHU
JE
Tileibani Block

DARSHAN KUMAR PUROHIT
AEE
Tileibani Block

Priyadarshani Mirdha
BDO
Tileibani Block