

Detailed Estimate

OD/347/3312/116375/380630/00014579 : Repair and Maintenance of Nabajyoti High School Chakarkend
Block : Bargarh, Gram Panchayat : Chakarkend
Created By:P T SUKANTI RAJ

1. Masonry Brick Work (AR0603bi) : First 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/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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	1.500	0.125	2.100	0.000	0.394	-
ii	wall	1.000	0.900	0.125	2.100	0.000	0.236	-
iii	stage wall	1.000	4.880	0.250	0.300	0.000	0.366	-
iv	stageWALL	2.000	1.500	0.250	0.300	0.000	0.225	-
Total Quantity					1.221 cum (cum)		1.221 Cum (Cubic Meter)	
Amount					1.221 X 5415.204595888		6611.96	
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	srage filling	1.000	4.650	1.500	0.100	0.000	0.698	-
ii	toilet	2.000	1.500	1.200	0.100	0.000	0.360	-
Total Quantity					1.0575 cum (cum)		1.0575 Cum (Cubic Meter)	
Amount					1.0575 X 603.700432		638.41	
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	Stage	1.000	4.650	1.500	0.100	0.000	0.698	-
ii	toilet	2.000	1.500	1.200	0.100	0.000	0.360	-
Total Quantity					1.0575 cum (cum)		1.0575 Cum (Cubic Meter)	
Amount					1.0575 X 5436.29320116		5748.88	

4. Concrete (AR0307) : First floor

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	stage	1.000	4.650	1.500	0.075	0.000	0.523	-
ii	toilet	2.000	1.500	1.200	0.075	0.000	0.270	-
Total Quantity					0.793125 cum (cum)		0.793125 Cum (Cubic Meter)	
Amount					0.793125 X 7433.43879592		5895.65	

5. Plastering (AR1014) : First Floor

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	2.000	1.500	2.100	0.000	0.000	6.300	-
ii	wall	2.000	0.900	2.100	0.000	0.000	3.780	-
Total Quantity					10.08 Sqm (Sqm)		10.08 Sqm (Square Meter)	
Amount					10.08 X 251.367665972		2533.79	

6. Flooring (AR0817aa) : First floor

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	class room	1.000	11.880	5.000	0.000	0.000	59.400	-
ii	room	1.000	3.880	2.400	0.000	0.000	9.312	-
iii	dado	2.000	11.880	0.150	0.000	0.000	3.564	-
iv	dado	2.000	5.000	0.150	0.000	0.000	1.500	-
Total Quantity					73.776 Sqm (Sqm)		73.776 Sqm (Square Meter)	
Amount					73.776 X 1573.272819307		116069.78	

7. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	2.000	1.200	1.500	0.000	0.000	3.600	-
ii	toilet	4.000	1.500	2.100	0.000	0.000	12.600	-
iii	toilet	4.000	1.200	2.100	0.000	0.000	10.080	-
iv	toilet wall	2.000	3.880	2.100	0.000	0.000	16.296	-
v	toilet wall	2.000	2.400	2.100	0.000	0.000	10.080	-
vi	door	2.000	0.760	1.800	0.000	0.000	-	2.736
Total Quantity					49.92 Sqm (Sqm)		49.92 Sqm (Square Meter)	
Amount					49.92 X 886.060234307		44232.13	

Total Amount	181730.59
Addition	
Provision for PH Work (+) @	55452.10
Provision for EI Work (+) @	
Provision for Contingency (+) @	1817.31
Display Citizen Board (+) @	1000.00
Any Other Lumpsum (+) @	8000.00
Provision for survey investigation and quality control (+) @	
Total Addition	66269.41
Grand Net Total Amount	248000.00

JE
Bargarh Block

SANTOSH KUMAR BEHERA
AEE
Bargarh Block

BERCIUS DUNGUNG
BDO
Bargarh Block