

Detailed Estimate

OD/366/3517/120489/427927/00015634 : Repair and Maintenance of UP School, Bhatigam
Block : Nabarangpur, Gram Panchayat : Baghasiuni
Created By:ARABINDA BEHERA

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	Excavation in hard soil	1.000	13.450	0.600	0.600	0.000	4.842	-
Total Quantity					4.842 cum (cum)		4.842 Cum (Cubic Meter)	
Amount					4.842 X 240.77592		1165.84	
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	Sand filling	1.000	13.450	0.600	0.150	0.000	1.211	-
ii	Floor	1.000	5.570	3.140	0.200	0.000	3.498	-
Total Quantity					4.70846 cum (cum)		4.70846 Cum (Cubic Meter)	
Amount					4.70846 X 515.507232		2427.25	
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	Foundationconcrete	1.000	13.450	0.600	0.100	0.000	0.807	-

ii	Floor	1.000	5.570	3.140	0.100	0.000	1.749	-
Total Quantity					2.55598 cum (cum)		2.55598 Cum (Cubic Meter)	
Amount					2.55598 X 5279.21385208		13493.57	
4. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	14.230	1.000	3.480	0.000	49.520	-
ii	Door	1.000	1.920	1.050	0.500	0.000	-	1.008
iii	Window	2.000	0.900	1.050	0.500	0.000	-	0.945
Total Quantity					47.5674 Sqm (Sqm)		47.5674 Sqm (Square Meter)	
Amount					47.5674 X 242.947857936		11556.40	
5. Masonry Brick Work (AR0602ei) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:4) in superstructure								
Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:4) 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	Plingth	1.000	13.450	0.600	0.600	0.000	4.842	-
ii	Spr Str	1.000	13.450	0.225	3.480	0.000	10.531	-
iii	Door	1.000	1.920	0.225	1.050	0.000	-	0.454
iv	Window	2.000	0.900	0.225	1.050	0.000	-	0.425
Total Quantity					14.4945 cum (cum)		14.4945 Cum (Cubic Meter)	

Amount					14.4945 X 5000.793204	72484.00		
6. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)								
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	priming one coat	1.000	98.440	1.000	1.000	0.000	98.440	-
Total Quantity					98.44 Sqm (Sqm)		98.44 Sqm (Square Meter)	
Amount					98.44 X 71.83753306751	7071.69		
7. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)								
Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Distempereing	1.000	98.440	1.000	1.000	0.000	98.440	-
Total Quantity					98.44 Sqm (Sqm)		98.44 Sqm (Square Meter)	
Amount					98.44 X 78.8505283	7762.05		
8. Flooring (AR0817aa) : 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)								
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	Floor	1.000	5.570	3.140	1.000	0.000	17.490	-
Total Quantity					17.4898 Sqm (Sqm)		17.4898 Sqm (Square Meter)	
Amount					17.4898 X 1531.766949501	26790.30		

9. 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	Door and window	1.000	140.000	1.000	1.000	0.000	140.000	-
Total Quantity					140 Kg (Kilo Gram)		1.4 Qntl (Quintal)	
Amount					1.4 X 17666.663277087		24733.33	

10. Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof

Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roofing	3.000	4.870	1.300	1.000	0.000	18.993	-
ii	Roofing	3.000	3.000	1.200	1.000	0.000	10.800	-
Total Quantity					29.793 Sqm (Sqm)		29.793 Sqm (Square Meter)	
Amount					29.793 X 191.9		5717.28	
Total Amount							173201.68	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							4300.00	
Provision for survey investigation and quality control (+) @							497.00	
Total Addition							6797.00	

Grand Net Total Amount	179998.68
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ARABINDA BEHERA
JE
Nabarangpur Block

SURYA NARAYAN BEHERA
AEE
Nabarangpur Block

SUNIL KHORA
BDO
Nabarangpur Block