

BOLAHUN SCHOOL PROJECT

Item	Description	Unit	Quantity	Rate	Amount
1	PROFILE OF STRUCTURES				
	Roundpoles (m/s)	pcs	200	0.5	\$100.00
	Rafters	Pcs	350	1.5	\$525.00
	Assorted wire nails	ctn	5	30	\$150.00
	Plastic Lines	bundle	4	10	\$40.00
	SUB TOTAL				\$815.00
2	DIGGING OF FOUNDATION (1200.00 CY)				
	Excavate Foundation to require level & Compaction	CY	422.3	5	\$2,111.50
	SUB TOTAL				
3	CASTING OF FOUNDATION TRENCH AND COLUMN FOOTING (70.00 CY) - 16" WIDTH X 24" DEPTH				
	Cement	Bag	350	7.5	\$2,625.00
	Sand	cy	77.7	20	\$1,554.00
	1/2" Ø Crushed Rocks	CY	77.7	35	\$2,719.50
	1/2" Ø Steel Rod - 35 FEET	pcs	262	7	\$1,834.00
	1/4" Ø Steel Rods - 28 FEET	pcs	88	2.5	\$220.00
	Tie Wire (25 Kgs)	roll	45	20	\$900.00
	Roundpoles (m/s)	pcs	90	0.5	\$45.00
	1" x 12" x 14' Wawa	pcs	150	3	\$450.00
	SUB TOTAL				\$10,347.50
4	FOUNDATION BLOCKLAYING (650.00 SY)				
4.1	8" Concrete Blocks (8" x 8" x 18") - 2FT TO 4 FT	pcs	6750	1	\$6,750.00
	Sand	cy	49.9	20	\$998.00
	Cement	Bag	225	7.5	\$1,687.50
	SUB TOTAL				\$9,435.50
5	BACKFILLING OF FOUNDATION (Gravel, Sand & Laterite) (90.00 CY)				
	Laterite	CY	150	5	\$750.00
	Sand	CY	85	20	\$1,700.00
	Sub-Total				\$2,450.00

6	CASTING OF 240 COLUMNS 12" x 12" @ 10'-0" (94.00 CY)				
	1" X 12" X 14' Wawa	pcs	400	3	\$1,200.00
	Assorted Steel Nails	ctn	30	30	\$900.00
	Tie Wire (25 Kgs)	Roll	70	20	\$1,400.00
	1/2" Ø Steel Rod - 35 FEET	Pcs	240	7	\$1,680.00
	1/4" Ø Steel Rods - 28 FEET	Pcs	230	2.5	\$575.00
	Cement	Bags	470	7.5	\$3,525.00
	Sand	CY	70	20	\$1,400.00
	1/2" Ø Crushed Rocks	CY	70	35	\$2,450.00
			Sub-Total		\$13,130.00
	CASTING OF ROOF TIE BEAMS 8" x 18" (49.00 CY)				
	1" X 12" X 14' Wawa	Pcs	100	3	\$300.00
	Assorted Steel Nails	ctn	5	30	\$150.00
	Tie Wire (25 Kgs)	Roll	40	20	\$800.00
	1/2" Ø Steel Rod - 35 FEET	Pcs	250	7	\$1,750.00
	1/4" Ø Steel Rods - 28 FEET	Pcs	245	2.5	\$612.50
	Sand	CY	50	20	\$1,000.00
	1/2" Ø Crushed Rocks	CY	50	35	\$1,750.00
			Sub-Total		\$6,362.50
	CASTING OF 4-INCH CONCRETE FLOOR SLAB (623.400 CY)				
	1" x 10" x 14' Wawa	Pcs	50	3	\$150.00
	Roundpoles (m/s)	Pcs	88	0.5	\$44.00
	Assorted steel nails	ctn	8	35	\$280.00
	Cement	Bags	3115	7	\$21,805.00
	Sand	CY	345.7	20	\$6,914.00
	1/2" Ø Crushed Rocks	CY	345.7	35	\$12,099.50
			Sub-Total		\$41,292.50
	SUPER STRUCTURE WALL CONSTRUCTION - 13 FEET CEILING HEIGHT				
	Concrete Blocks (6" x 8" x 18")	Pcs	17518	1	\$17,518.00
	Cement	Bags	1168	7	\$8,176.00
	Sand	CY	216	20	\$4,320.00

				Sub-Total	\$30,014.00
CONCRETE WORKS Columns					
1" X 12" X 14' Wawa	Pcs	140	3		\$420.00
Assorted Steel Nails	ctn	10	30		\$300.00
Tie Wire (25 Kgs)	Roll	30	20		\$600.00
1/2" Ø Steel Rod - 35 FEET	Pcs	300	7		\$2,100.00
1/4" Ø Steel Rods - 28 FEET	Pcs	280	2.5		\$700.00
Cement	Bags	145	7.5		\$1,087.50
Sand	CY	17	20		\$340.00
1/2" Ø Crushed Rocks	CY	17	35		\$595.00
Plastering	Bags	356	7.5		\$2,670.00
sand	cy	65.8	20		\$1,316.00
				Sub-Total	\$6,142.50
ROOF FRAMING & SHEETING					
2" x 2" x 14' Redwood	Pcs	800	1.5		\$1,200.00
2" x 4" x 14' Redwood	Pcs	750	2.5		\$1,875.00
2" x 6" x 14' Redwood	Pcs	270	5		\$1,350.00
1" x 10" x 14' Redwood - Eaves	Pcs	180	8		\$1,440.00
Carboline (5 Gals)	buckt	20	30		\$600.00
Fuel Oil	drum	1	50		\$50.00
Polish aluminum zinc Sheeting (0.28mm Gauge)	Brundle	150	120		\$18,000.00
Aluminum Combing (18")	LF	800	0.8		\$640.00
Zinc Nails	Boxes	160	5		\$800.00
Felt Washers	Rolls	30	5		\$150.00
Assorted wire Nails	ctn	30	30		\$900.00
Gutter	LF	1400	0.5		\$700.00
				Sub-Total	\$27,705.00

CEILING WORKS					
Ceiling Joist (2" x 2" x 14' Redwood)	Pcs	1200	1.5		\$1,800.00
Hard Board (1/2" x 2'-0" x 4'-0" Plywood)	Pcs	400	5		\$2,000.00
Ceiling Strips (1/2" x 2" x 14' Redwood)	bundl	1000	10		\$10,000.00

	Assorted wire nail	ctn	20	30	\$600.00
	Corner strips	Pcs	450	2.5	\$1,125.00
	Sub Total				\$15,525.00
18	DOORS INSTALLATION				
	Panel door (single) - 30"	set	45	85	\$3,825.00
	Panel door (single) - 32"	set	20	90	\$1,800.00
	Panel door (Double) - 36"	set	34	90	\$3,060.00
	Panel door (Double) - 48"	set	4	110	\$440.00
	Panel door (Double) - 72"	set	4	180	\$720.00
	Steel door (Single)	set	4	150	\$600.00
	Sub Total				\$10,445.00
	COLOMBO AS WINDOW				
	Glass Window (24" W x 24" H)	No	12	5	\$60.00
	Glass Window (36" W x 48" H)	No	64	25	\$1,600.00
	Glass Window (48" W x 48" H)	No	44	30	\$1,320.00
	Window Bar (3'-0" X 3'-0")	No	12	20	\$240.00
	Window Bar (4'-0" X 5'-0")	No	64	22	\$1,408.00
	Window Bar (5'-0" X 5'-0")	No	44	50	\$2,200.00
	Sub Total				\$6,828.00
	PLUMBING WORKS (INCLUDING INSTALLATION OF UNDERGROUND PLUMBING LINES) & WATER TOWER				
	4" Ø PVC Pipe - 20 Feet	Pcs	80	10	\$800.00
	2" Ø PVC Pipe - 20 FEET	Pcs	95	8	\$760.00
	1 1/2" Ø PVC Pipe - 20 FEET	Pcs	45	8	\$360.00
	1" Ø PVC Pipe	Pcs	45	12	\$540.00
	2" Ø PVC tee	Pcs	30	2	\$60.00
	4" Ø PVC tee	Pcs	60	3	\$180.00
	4" Ø PVC Y	Pcs	15	3	\$45.00
	4 1/2" X 2 1/2" Ø PVC reducer	Pcs	30	3	\$90.00
	3" X 2" Ø PVC reducer	Pcs	18	5	\$90.00
	Assorted PVC elbow	Pcs	75	3	\$225.00
	Plumbing glue	Can	18	5	\$90.00
	PLUMBING FIXTURE				

Commode complete	Set	34	50	\$1,700.00
Pedestal Face basin complete	Set	26	60	\$1,560.00
Tissue Holder	Set	34	5	\$170.00
Floor drain	Set	20	5	\$100.00
Urinals	Set	18	30	\$540.00
Face Basin mirror	Set	14	20	\$280.00
Sub Total				\$7,590.00
ELECTRICAL FIXTURE & GENERATOR HOUSE				
3/4" Ø PVC Conduit	bundl	30	50	\$1,500.00
Utility cup	Pcs	210	1	\$210.00
Junction cup	Pcs	60	2.5	\$150.00
12 breakers Panel box	Set	15	120	\$1,800.00
Recepticle	Set	345	5	\$1,725.00
Electrical wire #8	Roll	1	90	\$90.00
Electrical wire #10	Roll	60	60	\$3,600.00
Electrical wire #12)	Roll	60	35	\$2,100.00
Double switch	Pcs	125	6	\$750.00
Triple switch	Pcs	90	8	\$720.00
Single switch	Pcs	125	5	\$625.00
Light bulb 75 watts	Pcs	135	10	\$1,350.00
Sub Total				\$14,620.00
TILES LAYING & FLOOR SCREENING - TILES IN ADMIN BLDG, LIBRARY & TEACHER LOUNGE				
Floor Tiles 24"x24"	Ctn	100	15	\$1,500.00
Wall tiles 8" X 12"	Ctn	40	5	\$200.00
Bathroom Tiles 8" x 12"	Ctn	75	5	\$375.00
White cement	Bags	45	10	\$450.00
Port land cement	Bags	40	7.5	\$300.00
Sand	CY	6	20	\$120.00
Sub Total				\$2,945.00
PAINTING WORKS (IN/ OUT FOR WALLS, FRAMES & DOOR				
Oil paint	buckt	73	65	\$4,745.00
Water paint	buckt	25	35	\$875.00

Clear vanish	buckt	4	100	\$400.00
Antirust paint	buckt	1	100	\$100.00
Thinner	buckt	6	100	\$600.00
Rollers brushes	Pcs	20	1.5	\$30.00
Paint Brushes (4", 3")	Pcs	20	2	\$40.00
White wash	Bags	80	10	\$800.00
White wash Brushes	Pcs	45	1	\$45.00
			Sub-Total	\$7,635.00
TOTAL COST OF MATERIALS				\$215,394.00
ADD 25% FOR WORKMANSHIP		25%		\$53,848.50
ADD 15% FOR TRANSPORTATION		15%		\$32,309.10
ADD 5% FOR CONTIGENCY		5%		\$10,769.70
Total Project cost				\$312,321.30



23'

11'-6" 11'-6"

Latrine Foundation plan



