

BILLS OF QUANTITIES

FOR THE

**CONSTRUCTION OF 300M FENCE
WALL**

AT

ABRODUA
(NJNMA)

FOR

**NEW JUABEN NORTH MUNICIPAL
ASSEMBLY**

Item	Description	Qty	Unit	Rate (GH¢)	Amount(GH¢)
	<u>CONSTRUCTION OF 300M FENCE WALL</u>				
	BILL NO.1				
	<u>GENERAL ITEMS (PRELIMINARIES)</u>				
	(The Contractor is free to price for additional items under Preliminaries not included in the List below)				
A	Performance Security				
B	Watching and Protection of the works				
C	Transport for Workpeople				
D	First Aid Equipment				
E	Project Signboard				
F	Progress Photograph				
H	Agent or Foreman-in-Charge				
J	Plant, tools and Vehicle				
K	Allow for providing all scaffolding , and apparatus profiles and apparatus generally required for the proper execution of the Works. The Contractor shall provide without extra charge all labour and equipment or apparatus required by the Engineer for the testing and measuring the Works and for weighing, proving or testing the efficiency of any portion of the Works.				
L	Insurances				
M	Water for the works				
N	EPA permit				
P	Any other Preliminary Item required for the Works. (To be listed and specified below).				
	<u>BILL NO.1:</u> GENERAL ITEMS (PRELIMINARIES) Carried to General Summary				
				GH¢	

Item	Description	Qty	Unit	Rate GH¢	Amount GH¢
	<u>FENCE WALL</u>				
A	Excavate trenches for foundation not exceeding 1.50m deep commencing from stripped level.	96	m ³		
B	Excavate pits to receive column bases not exceeding 1.50m deep commencing from stripped level.	16	m ³		
C	Backfill and compact selected excavated material around foundations	56	m ³		
D	Remove surplus excavated material away from site	60	m ³		
	<u>PLAIN INSITU CONCRETE</u>				
	<u>Plain in-situ concrete (1:4:8-38mm aggregate)</u>				
E	50mm thick Blinding	26	m ²		
	<u>Plain in-situ concrete (1:3:6-38mm aggregate):</u>				
F	Foundations	37	m ³		
	<u>REINFORCED CONCRETE</u>				
	<u>Reinforced in-situ vibrated concrete (1:2:4-20mm Aggregate) in:</u>				
G	Column bases	6	m ³		
H	Columns	11	m ³		
J	Coping	6	m ³		
	<u>REINFORCEMENT</u>				
	<u>Mild steel round Steel Bar Reinforcement to BS 449</u>				
K	12mm Diameter bars in Column base	629	kg		
L	12mm Diameter bar in Columns	1089	kg		
M	10mm Diameter bar links in columns	757	kg		
P	10mm Diameter bar in Coping	436	kg		

Item	Description	Qty	Unit	Rate GH¢	Amount GH¢
	<i>Carried Forward</i>				
	Brought Forward				
	FORMWORK				
	<u>Sawn Formwork to:</u>				
A	Vertical sides of columns	245	m ²		
B	Edges and soffit of coping 75mm thick	141	m ²		
	<u>BLOCKWORK</u>				
	<u>Solid sandcrete Blockwork in cement and sand (1:4) mortar in:</u>				
C	150mm thick wall	849	m ²		
	<u>METAL WORK</u>				
	<u>EXTERNAL METAL GRILL</u>				
	<u>Works in plates, bars, section and tubes</u>				
D	Ditto 25mm diameter metal grill plugged to wall 838mm high	60	m ²		
	<u>Galvanised mildsteel</u>				
E	Pre-painted steel gate size 4600 x 2050mm high overall and covered with 3mm mild steel plate at the bottom all welded together and ground to smooth finish including fixing lugs, hinges, padlock hooks and drop bolt welded on and cast into concrete post	3	no		
F	Ditto size 1200mm x 2050	3	m ²		
	<u>PLASTERWORK</u>				
	<u>19mm thick cement and sand (1:4) render on</u>				
G	Fence wall	1698	m ²		
H	Columns	123	m ²		
J	Coping	141	m ²		
	<u>PAINTING AND DECORATING</u>				

Item	Description	Qty	Unit	Rate GH¢	Amount GH¢
	<u>Prepare and apply three coats of Acrylic Emulsion</u>				
	<u>Paint on:</u>				
K	Fence wall	1698	m ²		
L	Columns	123	m ²		
M	Coping	141	m ²		
	<u>FENCE WALL</u>				
	Carried to Summary			GH¢	

Item	Description	Qty	Unit	Rate	Total GH¢
	<u>GENERAL SUMMARY</u>				
	BILL NO. 1 - PRELIMINARIES/GENERAL ITEMS				
	BILL NO. 2 - FENCE WALL				
	SUB - TOTAL				
	ADD(2%) CONTINGENCY				
	TOTAL CARRIED TO FORM OF TENDER				
	Signed				
	For and on behalf of				
	Date				