

BoQ - Construction of one (1) stance of Shower

S/N	ITEM	DESCRIPTION	UNIT	QUANTITY	Unit Price (NGN)	Total (NGN)
A	Preliminaries					
1a	Mobilization/Demobilization	Initial Mobilization and final demobilization of equipment, labour and materials to and from site	sum	1		-
	Total of Section A					-
B	Excavation and Earth Work					
1b	Site clearance	Clear site of shrubs, grasses undergrowth and other unwanted materials from the surrounding	sum	1		-
2b	Excavation	Excavate pit for shower blockwork to a maximum depth of 0.6m (plus 0.25m sideways to allow working space). Excavate pit for lining foundation block for accessibility platform and ramps to a maximum depth of 0.6m (plus 0.25m sideways to allow working space). Excavate pit for shower soak pit to a maximum depth of 1.5m (plus 0.25m sideways to allow working space)	m ³	12		-
3b	Levelling bottom of excavation	Level and compact bottom of excavation to receive concrete	m ²	10		-
4b	Backfilling	Filling to excavation with selected materials from excavation; Compact to edges of facility block and dispose surplus off site after blockwork	m ³	6		-
	Total of Section B					-
C	Concrete/Block Works					
1c	Blinding	Cast 50mm blinding under blockwork with weak concrete of ratio 1:3:6	m ³	0.3		-
2c	Blockwork	Laying of sancrete blockwork (230x450mm) ; laid stretcher bond on cement and sand mortar (1:3) flush pointed for shower foundation- as illustrated in the drawing	m ²	6		-
3c	External hand rails to aid PWSN when using the ramp	Cut, bend, weld and fix in position as shown in the drawing using 50mm (2")-3mm thickness hollow GI pipe (in accordance to field engineers instruction): Vertical pipes at interval of 400mm Horizontal pipes at interval of 270mm	sum	0.4		-
4c	Internal hand rails to aid PWSN when using the facility	Cut, bend, weld and fix in position as shown in the drawing using 50mm (2")-3mm thickness hollow GI pipe: Horizontal supporting pipe to be attached/fixed into the 2 vertical poles (3") as shown or in accordance to field engineers instruction	sum	0.4		-

5c	Blockwork for shower collection chamber	Laying of sancrete blockwork (150x450x230mm) and rendering/dressing ; laid stretcher bond on cement and sand mortar (1:3) flush pointed for shower collection chamber, two PVC pipes will be connected into the chamber and one out to the soak pit as illustrated in the drawing	m ²	0.75		-
6c	Blockwork for steps and ramps	Laying of sancrete blockwork (230x450mm) ; laid stretcher bond on cement and sand mortar (1:3) flush pointed for steps and ramps, this include cost for rendering and finishing the edges- as illustrated in the drawing	m ²	1.16		-
7c	Backfill and compact shower stances	Backfill and compact shower stances with 300mm thickness hardcore materials	m ³	0.45		-
8c	Backfill and compact for steps and ramps	Backfill and compact for steps and ramps with 300mm thickness hardcore materials	m ³	1.25		-
9c	Blockwork for shower soak pit	Laying of sancrete blockwork (230x450mm) - 2x2x1.5m in-to-in ; laid stretcher bond on cement and sand mortar (1:3) flush pointed for shower soak pit, entire second and fourth coaches of blockwork will be inverted to allow for more soaking by adjacent soil- as illustrated in the drawing	m ²	6		-
10c	Rendering	Internal rendering of soak pit using 1:4 mortar and gauge of 12mm	m ²	4.5		-
11c	Concrete Slab for Soak Pit	Precast Slab - Cast plain M15 grade concrete (1:2:4); developing minimum 15N/mm ² working strength after 28 days of curing, with thickness of 100mm and divided into 2 for easy placement	m ³	0.35		-
Total of Section C						-
D	Superstructure					
1d	Networking of liquid waste pipe	laying and connecting 4" PVC pipes with connections and necessary fittings from floor drains to inspection chamber and to soak pit - This include excavation and patching where needed	m	1		-
2d	100mm (4") PVC floor drains	Installation of 100mm PVC floor drains (with all accessories) to collect waste water from shower cubicle to inspection chamber	pcs	1		-
3d	75mm (3") GI Pipe	Installation of 75mm GI vertical poles to carry superstructure as shown	pcs	2		-
4d	2x4" hard wood (obeche) for super structure	Supply, cut and nail full gauge 2x4" wood as horizontal and vertical poles as shown	m	15		-
5d	2x3" hard wood (obeche) for super structure	Supply, cut and nail full gauge 2x3" wood as horizontal and vertical poles as shown	m	12		-
6d	CGI Sheet	Supply and install 30gauge (0.4mm thickness) CGI sheet for walling and roofing of the super structure, it should be fasten using 2.5" roofing nail (cap nail) at grove interval	m ²	10.5		-
7d	Doors with accessories	Fabrication and installation of wooden framed doors, wrapped with CGI sheet and braced at intervals with hinges, internal locks and door handle of approved samples	pcs	1		-
8d	Wire mesh/net	Cut and fix flies-preventing wire mesh as shown	m ²	4		-

9d	Fascia board	Supply and install 1x12" fascia board, painted blue with gloss paint (IOM blue)	m	3.6		-
	Total of Section D					-
E	Finishes					
1e	Internal floor screeding	Screed internal floor of gauge 25mm (1") over concrete floor providing surface that will flow towards pit/floor drain	m ³	0.05		-
2e	Rendering & Dressing	Rendering and dressing of concrete structure above normal ground level	sum	0.16		-
3e	Visibility	Placement of 2metallic visibility: IOM and donor visibility, and; Visibility seggregating gender use for the facility. This should be printed on A3 sized metal sheet - Sample to be approved before placement	pcs	1		-
4e	Contingency	Allow a provisional sum as contingency amount (0.5%)	sum	1		-
	Total of Section E					-

TOTAL(NGN)	-
TOTAL(USD)	-