BILL OF QUANTITIES

FOR

PROPOSED WATER STATION (HAND PUMP)

FOR

QATAR CHARITY ORGANISATION

QATAR CHARITY

HAND PUMP BOREHOLE

Ref	abridged description	Qty	unit	rate	amount
	PRELIMINARIES				
A	Mobilization to site		sum		
B	Temporary fencing		sum		
C	Site security		sum		
D	Temporary electricity		sum		
E	Storage facility		sum		
F	Scaffolding		sum		
G	Site cleaning		sum		
H	Carthing away debris		sum		
I	Pressure testing		sum		
J	Water for works		sum		
K	Industrial cleaning		sum		
L	Project signboards		sum		
M	Photography/videography		sum		
	Preliminaries to summary				

QATAR CHARITY
HAND PUMP

Ref	abridged description	Qty	unit	rate	amount
	PROPOSED WATER STATION (HAND PUMP BOREHOLE)				
	ELEMENT No. 1				
	SUBSTRUCTURE(All Provisional).				
	SITE PREPARATION				
A	Excavate over site av.150mm thick .	10	m^2		
B	Deposite in temporary spoil heap for re use.	2	m^3		
	EXCAVATIONS AND EARTHWORK				
C	Excavate trench for foundation max depth n.e 1.2metres	5	m^3		
D	Select excavate materials backfilling around foundations.	2	m^3		
	FILLING				
E	300mm Laterite earth filling	2	m^3		
F	150mm thick Hardcore fillings to make up level	5	m^2		
	SURFACE TREATMENT				
G	Level and compact bottom of execavation	8	m^2		
	CONCRETE WORK				
	Plain in situ concrete				
H	Foundation footing 150mm thick	1	m^3		
I	50mm Plain in situ concrete blinding .	0	m^3		
	Reinforced in situ concrete (1:3:6 -20mm aggregate)				
J	100mm bed	1	m^3		
K	Vertical sides of column bases	2	m^2		
L	Mesh fabric (3.5mm) spaced at 200mm centers	6	m^2		
	BLOCK WORK				
M	150mm wall fill with weak concrete	6	m^2		
	Finishing				
	Skirtings; 100mm high inluding cement mortar backing	35	m		
N	300 x 300mm unglazed tiles externally	6	m^2		
	Substructure to summary				
	ELEMENT No.2				
	BRICK/BLOCK WALLING				
	Sandcrete hollow blockwork in stretcher bond				
A	225mm wall	2	m^2		
B	150mm wall	5	m^2		
	Brick/Block walling to summary				

ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.3				
	WALL FINISHES				
	Internal Works				
A	19mm plastering on Walls.	15	m^2		
B	Walls, width not exceeding 300mm wide	4	m		
	Backing				
	12mm thick cement and sand (1:4) floated backing				
C	Walls. Width exceeding 300mm wide	10	m^2		
D	Walls, width not exceeding 300mm wide	5	m		
	Ceramic tilling				
	300 x 300mm unglazed tiles				
E	Walls. Width exceeding 300mm wide	10	m^2		
F	Walls, width not exceeding 300mm wide	5.766	m		
	External Works				
G	Texcote paint on wall exceeding 300mm(externally)	4	m^2		
	Wall Finishes to summary				
	ELEMENT No.4				
	FLOOR FINISHES				
	Sand cement screeds flooring				
A	38mm backing Floors.	5	m^2		
	300 X 300mm unglazed tiles				
B	Floors,	5	m^2		
	Tiles Skirtings				
C	Skirtings; 100mm high inluding cement mortar backing	10	m		
	Floor Finishes to summary				
	ELEMENT No.5				
	FITTINGS & FIXTURES				
	Street furniture				
A	Allow a provisional sum of =N=700,000.00 for canopy and a garden bench		sum		
	ELEMENT No.6				
	PLUMBING SERVICES				
A	**Geotechnical/ Geophysical Surveying to assess ground water and hydrogeology of proposed site**				
	Survey		Ls		
	Punching and casing				
	Punching and casing (depth not less than 30m)				
B	Punching and casing max.depth not exceeding 50m	30	m		
C	Installation of hand pump (india Mark 2 or Mark 3, depending on water yield)		Ls		
D	**Extra over PPR pipes**				
E	Gate Valve	3	Nr		
F	50mm Diametre	5	m		
	Builders work				
G	Allow a provisional sum of N60,000.00.	0	sum		
	Plumbing Services to summary				

ref	abridged description	Qty	unit	rate	amount
	SUMMARY				
A	**SUBSTRUCTURE**				
B	**BLOCK WALLING**				
C	**WALL FINISHES**				
D	**FLOOR FINISHES**				
E	**FITTINGS AND FIXTURES**				
F	**PLUMBING SERVICES**				
	Bill to summary				

QATAR CHARITY

HAND PUMP BOREHOLE

Ref	abridged description	Qty	unit	rate	amount
	SUMMARY				
A	Preliminaries		sum		
B	Hand pump borehole		sum		
C	Contingency (2.5%)		sum		
D	V.A.T (7.5%)		sum		
	Hand pump to summary				