

BILL OF QUANTITIES

Project Name	Proposed construction mosque project works				
Project No.	324904 & 324905				
Tender RFP NO.	RFP/003 Constr./Mosq./Mkd&Kwz/QC-KE/2024				
CLIENT:	Qatar Charity				
Locations	Makindu & Kibwezi				
Date	26/11/2024				
	Notes				
1	Bidders to ensure that their rates in the bills of quantities are within the know prevailing rates for building works.				
2	The bidders' rates must be inclusive of 16% VAT				
ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	TOTAL PRICE Ksh.
	Preliminary				
a	application of building permit or CP (Construction Permit) from a Local Authority or relevant agencies	sum	1		
b	Equipment and Material mobilisation	sum	1		
c	project site sign board /1.2X1.5m Banner fixed on movable wooden frame	No.	2		
d	launching Project plate- A1 size -Aluco Board	No.	2		
	Total Preliminary sum				
ITEM	DESCRIPTION	UNIT	QTY	RATE Ksh.	TOTAL PRICE Ksh.
1	<u>GENERAL EXPENSES FOR THE PROJECT</u>				
a	MOBILISATION & OVERHEAD CHARGES	L.S	1.00		
1	<u>Excavation & Earthworks</u>				
	site clearance				
a	Clear site of all vegetation and small trees girth not exceeding 600mm and dispose off.	SM	120.00		
b	Excavate top vegetation soil average 150mm deep and remove from site.	SM	120.00		
c	Excavate for foundation bases in normal soil not exceeding 1.5m deep from stripped level	CM	43.61		
d	Load cart away surplus excavated materials and spread around the site n.e 100mm	CM	11.61		
e	Return fill and ram selected excavated material	CM	33.60		
f	300mm thick approved imported hand-packed hardcore compacted in layers of 150mm spread on top with 50mm quarry dust or murrum blinding .	SM	106.00		
g	Allow for plunking and strutting to sides of all excavation keep excavation free from all fallen materials.	item	1.00		
h	Allow for keeping the whole of the excavation free from ground or surface water by pumping or otherwise	item	1.00		
2	<u>SUBSTRUCTURE AND SUPERSTRUCTURE</u>				
a	50mm thick blinding to foundation & column bases(1:4:8)	SM	2.18		
	<u>Vibrated Reinforced Concrete 1:2:4 (class 20) in:</u>				
b	Strip & column foundation bases 30N/mm2 OPC	CM	8.88		
c	100mm thick floor slab 20N/mm2 (OPC)	SM	72.88		
d	150mm thick floor slab 20N/mm2 (OPC)	SM	80.00		
e	Column 30N/mm2 OPC	CM	6.00		
f	Beams 30N/mm2 OPC	CM	1.60		
	<u>Formwork</u>				
	<u>Supply and fix sawn timber , sheet metal or other approved material to:-</u>				
g	to vertical sides of fdns	SM	88.19		
h	Edges of floor slab 75 to 150mm high	LM	41.00		
i	to side and soffites of openings in of all opening in wall	SM	42		
j	To horizontal soffites of roof slab	SM	259.72		
	<u>High tensile square twisted reinforcement bar to BS 4461</u>				
k	All assorted bars (BS 4461)	kg	1,924.36		
l	BRC fabric mesh reinforcement Ref. A 142 (weighing 2.22kg/ SM)	SM	100.00		
	<u>Insecticide Treatment</u>				
m	Gladiator TC Chemical ant-termite treatment to hardcore surface applied as per manufacturer's printed instructions (with 10 year written guarantee)	SM	100.00		
3	<u>INSULATION(DPM/DPC)</u>				
a	500G polythene damp proof membrane spread over blinded hardcore (measured net)	SM	100.00		
b	200mm thick hessian based bituminous felt DPC bedded on cement and sand mortar 1:4	LM	76.44		
4	<u>MASONRY</u>				
	<u>200mm thick Quarry natural /machine cut stone walling bedded and joined in cement and sand mortar (1:3) reinforced with 20SWG hoop iron in alternate courses to :-</u>				
a	foundation Walling (Mosque)	SM	61.75		
b	superstructure walling-200mm thick machine cut. (Mosque)	SM	156.93		

c	superstructure walling-200mm thick machine cut.(Toilet & Septik)	SM	98.12		
5	DOORS				
	<u>Supply and fix the following purpose -made standard section steel Door complete with fixing lugs, inbuilt permanent vents, opening and closing accessories and burglar proofing grilles to approval</u>				
a	Standard steel casement external door of size 1200 x 2400 mm primed before fixing all to Architectural details.	NO	1.00		
b	900mm wide single leaf semi-solid core blockboard flush door /Plain steel Doors	No.	4.00		
6	WINDOWS				
	<u>Supply and fix the following purpose -made standard section steel casement windows complete with fixing lugs, inbuilt permanent vents, opening and closing accessories and burglar proofing grilles to approval;</u>				
a	Window overall size 1500mm wide x 1500mm high	NO	8.00		
b	Window overall size 650mm wide x 600mm high	No	4.00		
	Glazing :-				
	<u>Supply and fix glazing with approved manufacture and comply with B.S 952.</u>				
c	4 mm thick clear sheet glass fixed to metal frames with putty :-				
d	Panes 0.1 - 0.5 square metres	SM	15.65		
7	FINISHING PLASTER				
	Floor Finishes				
a	25mm thick coloured cement and sand screed finished to floor surfaces & roof slab (m.s)	SM	192.00		
	External wall				
b	15mm thick render 1:4 to external walls woodfloat finished	SM	162.01		
	Internal Wall				
c	15mm thick gauged lime plaster 1:1:6 steel trowelled smooth	SM	111.90		
	CEILING				
	20mm thick gauge lime plaster 1:1:4 steel trowelled smooth	SM	79.80		
8	PAINTING & DECORATING				
	<u>Supply & Paint matt or satin finish vinyl emulsion paint.</u>				
	<u>Workmanship generally shall be carried out in accordance with B.S. C.P. 231.</u>				
a	to Plastered walls internally	SM	111.90		
b	to Wood float rendered walls externally	SM	162.01		
9	TILING TO THE FLOOR & WALL				
	<u>Supply and fix approved ceramic wall and floor tiles that conform with the requirement of Bs 1281 and laid to detail</u>				
	Floor Tiling				
a	330 X 330 X 8 mm thick white glazed ceramic floor tiles as "SAJ CERAMICS" to screeded floor m.s. Maximum joint size is 3mm when grouted.	SM	80.10		
	wall Tiling				
b	150 X 150 X 6 mm thick ceramic wall tiles to details	SM	2.28		
10	SKIRTING				
	<u>Skirtings are to be formed in matching tiles, fixed with tile adhesive</u>				
a	10 x 100mm high ceramic tile skirting with rounded top and coved at junction with floor to detail	LM	33.00		
11	SANITARY FITTINGS				
a	White vitrous china W.C low level suite, complete with cistern, flashing accessories and heavy duty toilet	NO	4.00		
b	Ditto but Wash Hand Basin size 510 x 400 mm complete with taps and pvc bottle traps.	NO	1.00		
	Building total amount c/f				
11	PC & PROVISIONAL SUMS				
	Mechanical, Electrical works & Plumbing works				
a	Provide a PC sum for mechanical works (6 Fans , control units etc) as per the instruction given	P. Sum.	1.00		
b	Provide a PC sum for installation of electric works	P. Sum.	1.00		
c	Sound system- Speaker, Amplifier and Microphone	P. Sum.	1.00		
d	Provide a PC sum for installation of plumbing works to the ablution area and toilets	P. Sum.	1.00		
	total pc & provision sums c/f				
	FURNISHING				
a	Wall to wall Carpet with marked praying lines medium quality.	MS	80.00		
b	Noble Quran copies	No.	100.00		
c	Laminated Mdf Mimbar Unit (pulpit) of 800mm (W) X 1200mm (L) X 900mm (h) - standard size	No.	1.00		
	Total Furnishing c/f				
#	Grand Total Summary For The Proposed construction Of Mosque With A concrete Roof slab				Kes.
1	Preliminaries cost b/f				
2	Total Building Cost b/f				
3	Pc & P. sums MEP COST b/f				
5	Total amount Furnishing				
	Grand total amount (ksh). (Inclusive of 16% VAT)				