BILL OF QUANTITIES

FOR

PROPOSED MOSQUE (120M^2)

FOR

QATAR CHARITY ORGANISATION

Classification: Internal داخلي

QATAR CHARITY

120sqm MOSQUE

Ref	abridged description	Qty	unit	rate	amount
	PRELIMINARIES				
A	Location of site		sum		
B	Temporary fencing		sum		
C	Site security		sum		
D	Temporary electricity		sum		
E	Storage facility		sum		
F	Site office (temporary)		sum		
G	Scaffolding		sum		
H	Site cleaning		sum		
I	Site meetings		sum		
J	Carthing away debris		sum		
K	Pressure testing		sum		
L	Water for works		sum		
M	Industrial cleaning		sum		
N	Plant, tools and machinery		sum		
	Preliminaries to summary				

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QATAR CHARITY

120sqm MOSQUE

Ref	abridged description	Qty	unit	rate	amount
	PROPOSED MOSQUE (Including Ablution and Toilets)				
	ELEMENT No. 1				
	SUBSTRUCTURE(All Provisional).				
	SITE PREPARATION				
A	Excavate over site av.150mm thick .	148	m^2		
B	Deposite in temporary spoil heap for re use.	21	m^3		
	EXCAVATIONS AND EARTHWORK				
C	Excavate trench for foundation max depth n.e 1.2metres	70	m^3		
D	Ditto pit	3	m^3		
E	Remove surplus excavated materials from site.	23	m^3		
F	Select excavate materials backfilling around foundations.	51	m^3		
	FILLING				
G	300mm Laterite earth filling	54	m^3		
H	150mm thick Hardcore fillings to make up level	129	m^2		
	SURFACE TREATMENT				
I	Level and compact bottom of execavation	59	m^2		
J	Prepare and apply `Dieldrex` or similar equal	0	m^2		
	CONCRETE WORK				
	Plain in situ concrete				
K	Foundation footing 150mm thick	8	m^3		
L	50mm Plain in situ concrete blinding .	2	m^3		
	Reinforced in situ concrete (1:2:4 -20mm aggregate)				
M	Column bases	4	m^3		
N	Column starter	1	m^3		
O	125mm to 150mm bed	13	m^3		
P	Vertical sides of column bases	0	m^2		
Q	Ditto column starter	5	m^2		
R	Ditto Edges of ground Slab 150mm wide	51	m		
S	12mm Diametre bar	100	kg		
T	16mm Diametre bar	0	kg		
U	10mm in links	35	kg		
V	Mesh fabric (3.5mm) spaced at 200mm centers	0	m^2		
	BLOCK WORK				
W	225mm wall fill with weak concrete	103	m^2		
X	Expansion joint 25mm thick particles board	0	m^2		
	External Finishing				
Y	19mm plastering (1:3) Wall	61	m^2		
	Painting / Clear Finishing				
	Plaster of paris wall screeding	0	m^2		
Z	Apply texcote paint externally	61	m^2		
	Substructure to summary				

ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.2				
	FRAME STRUCTURE				
	Reinforced in situ concrete				
A	Column	2	m^3		
B	Beam	0	m^3		
	Sawn formwork to				
C	Vertical sides of column	15	m^2		
D	Ditto sides and soffit of beam	0	m^2		
	High yield deformed bar reinforcement to B.S 4489 in				
	In column				
E	12mm Diametre bar	58	kg		
F	20mm bar	0	kg		
G	10mm in links	35	kg		
	In Beam				
H	25mm Diametre bar	0	kg		
I	20mm Ditto	0	kg		
J	16mm Ditto	0	kg		
K	12mm Ditto	0	kg		
L	10mm in links	0	kg		
	ELEMENT No.3				
	UPPER FLOOR				
	Reinforced in situ concrete				
M	Floor slab	0	m^3		
	Sawn formwork to				
N	Soffit of suspended slab	0	m^2		
O	Ditto Edges of suspended slab not exceeding 250mm wide.	0	m		
	High yield deformed bar reinforcement to B.S 4489 in				
	In floor slab				
P	12mm Diametre bar	0	kg		
Q	10mm bar	0	kg		
	ELEMENT No.4				
	STAIRCASE				
	Reinforced in situ concrete				
R	Staircase strings/steps	0	m^3		
S	Ditto landing	0	m^3		
	Sawn formwork to				
T	Soffit of strings	0	m^2		
U	Ditto soffit of landing	0	m^2		
V	Edges of the strings not exceeding 300mm wide	0	m		
W	Ditto Edges of landing slab not exceeding 250mm wide.	0	m		
X	Ditto Riser 158mm wide	0	m		
	High yield deformed bar reinforcement to B.S 4489 in				
	In staircase				
Y	12mm Diametre bar	0	kg		
Z	10mm bar	0	kg		
	Frame Structure (pg1) to summary				

ref	abridged description	Qty	unit	rate	amount
	Plastered/Rendered/Roughcast coatings				
ZA	Landing Soffit, width exceeding 300mm	0	m^2		
ZB	Soffit of string/ stairflight	0	m^2		
ZC	Strings, average width not exceeding 300mm	0	m		
	Sand cement Floorings				
ZD	38mm backing on Landing floors	30	m^2		
ZE	Treads; 300mm wide	27	m		
	12mm thick cement and sand (1:4) floated bed				
ZF	Risers; plain, 158mm high.	0	m		
	30 x 30 unglazed tiles				
ZG	Landing	15	m^2		
ZH	Tread; 300mm wide	9	m^2		
ZI	Risers; plain, 158mm high	6	m^2		
ZJ	Skirtings; 100mm high.	2	m^2		
	Painting/clear finishing				
	Premium Gauge texcote paint.				
ZK	Rendered surfaces, width exceeding 300mm	4	m^2		
ZL	Rendered surfaces, width not exceeding 300mm	8	m		
	Frame Structure (contd.) to summary				
	ELEMENT No.5				
	BRICK/BLOCK WALLING				
	Sandcrete hollow blockwork in stretcher bond				
A	225mm wall	177	m^2		
B	150mm wall	25	m^2		
C	150mm wall in roof parapet	83	m^2		
	Brick/Block walling to summary				
	ELEMENT No.6				
	ROOF STRUCTURE				
	Reinforced in situ concrete.				
A	Roof beam	4	m^3		
B	Concrete eaves fascial	0	m^3		
	Sawn formwork to :				
C	Sides of Roof beam	29	m^2		
D	Ditto to Curves surfaces of concrete eaves	0	m^2		
	In roof beam				
E	12mm Diametre bar	270	kg		
F	10mm Ditto bar	135	kg		
	In Concrete eaves				
G	10mm Diametre bar	0	kg		
H	12mm Diametre bar	0	kg		
	Carpentary				
	Sawn seasoned and solignum-treated Hardwood in pitched roof members				
I	Tie beam 50mm x 150mm @ 1200mm centres	140	m		
J	Rafters 50mm x 100mm @ 1200mm centres	168	m		
K	Struts /King post 50mm x 150mm	295	m		
L	Purlins 50mm x 75mm @ 900mm centres	159	m		
	Aluminium Sheet				
M	Include a Prime cost sum for Gauge 0.55mm longspan aluminum roofing sheet .	220	m^2		

	Roof Structure to summary				
ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.7				
	WINDOWS				
	Reinforced in situ concrete				
A	Lintel	3	m^3		
	Sawn formwork to :				
B	Sides and soffit of lintel	25	m^2		
	In lintel				
C	12mm Diametre bar	120	kg		
D	10mm Ditto bar	65	kg		
	Metal Windows				
E	Include a Prime cost sum for Powder coated Aluminium standard casement window (including nets) with 6mm reflective glass;		sum		
F	Profit and attendances		sum		
	Burglar Proofing				
G	Window size 1200mm x 1800mm high	8	Nr		
H	Window size 1000mm x 1800mm high	0	Nr		
I	Window size 600mm x 600mm high	7	Nr		
J	Window size 1200mm x 900mm high	1	Nr		
	Windows to summary				
	ELEMENT No.8				
	DOORS				
	Reinforced in situ concrete .				
A	Lintel/Arc lintel	2	m^3		
	Sawn formwork to :				
B	Sides and soffit of lintel / Arc lintel	15	m^2		
	In lintel				
C	12mm Diametre bar	79	kg		
D	10mm Ditto bar	37	kg		
	Metal Door				
E	1800mm x 2100mm Standard steel security door (50mm gauge)	1	sum		
F	900mm x 2100mm Standard steel security door (50mm gauge)	4	sum		
	Timber Doors				
F	China American steel door (paneled) walnut or white color	7	sum		
	Doors to summary				

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ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.9				
	FITTINGS AND FIXTURES				
	General Fixtures/Furnishings.				
A	Include a prime cost sum for composite locker unit. (MDF)	0	sum		
B	Profit and attendances	0	sum		
	Quran (hard copy)				
C	Supply of Quran for reading within mosque premises	0	nr		
D	Profit and attendances	0			
	Stairs/Balcony Balustrades				
E	Hollow steel handrail externally as per architect design	0	m		
	Fittings and Fixtures to summary				
	ELEMENT No.10				
	WALL FINISHES				
	Internal Works				
A	19mm plastering on Walls.	234	m^2		
B	Walls, width not exceeding 300mm wide	24	m		
C	Plaster of Paris wall screeding (internally)	121	m^2		
	Backing				
	12mm thick cement and sand (1:4) floated backing				
D	Walls. Width exceeding 300mm wide	100	m^2		
E	Walls, width not exceeding 300mm wide	15	m		
	Ceramic tilling				
	Approved glazed ceramic wall				
F	Walls. Width exceeding 300mm wide	100	m^2		
G	Walls, width not exceeding 300mm wide	15	m		
	External Works				
H	19mm plastering on Walls.	216	m^2		
I	Ditto to isolated column	0	m^2		
J	Walls, width not exceeding 300mm wide	63	m		
K	25mm X 100mm wide protruded plaster	63	m		
L	Ditto 25mm x 150mm wide protruded plaster work on window cills	77	m		
M	75mm wide grooved plaster works	48	m		
N	38mm wide splayed grooved plaster works	0	m		
O	38mm wide splayed plaster work	0	m		
P	Plaster of Paris wall screeding (externally)	0	m^2		
	Painting / Clear Finishing				
	Premium Gauge emulsion paint .				
Q	Rendered on wall, width exceeding 300mm	121	m^2		
R	Walls, width not exceeding 300mm wide	24	m		
S	Texcote paint on wall exceeding 300mm(externally)	216	m^2		
T	Walls, width not exceeding 300mm wide	63	m		
	Wall Finishes to summary				

ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.11				
	CEILINGS FINISHES				
	Carpentry				
	Sawn treated hardwood in ceilings				
A	Noggins 50mm x 50mm (internally)	250	m		
	Suspended Ceilings				
	PVC Ceiling nailed to hardwood noggins				
B	Ceilings ground/first floor with cornices	160	m^2		
	Painting / Clear Finishing				
	Premium Gauge emulsion paint.				
C	Rendered soffits, width exceeding 300mm	0	m^2		
	Ceiling Finishes to summary				
	ELEMENT No.12				
	FLOOR FINISHES				
	Sand cement screeds flooring				
A	38mm backing Floors.	160	m^2		
	Ceramic tilling				
B	Floors,	160	m^2		
	Tiles Skirtings				
C	Skirtings; 100mm high inluding cement mortar backing	55	m		
	Praying Carpets				
D	Purchase and instal 1200grms mosque runners (1m x 25m)	4	rolls		
	Floor Finishes to summary				
	ELEMENT No.13				
	ELECTRICAL SERVICES				
A	63A 6-way TP&N MCB Distribution Board (A & B)	1	Nr		
B	100A TP & N ELCB (A & B)	1	Nr		
	General Lighting				
C	Water tight wall mounted.	12	Nr		
D	60w wall bracket fittings	0	Nr		
E	12w LED ceilings fittings	22	Nr		
F	6w LED Ceilings fittings	9	Nr		
G	1 x 18w fluorescent fittings	0	Nr		
	General LV Power				
	Ancillaries; low voltage power socket outlets switches				
J	13A single switched socket outlets	3	Nr		
K	13A double switched socket outlets	6	Nr		
L	Air condition wall switch with neon indicator	3	Nr		
M	Television outlets	0	Nr		
N	Telephone outlets	0	Nr		
O	45A Cooker control unit with neon indicator (3 x 6)	0	Nr		
P	Ceiling fan	9	Nr		
	Conduit and cable trunking				
P	20mm Diametre	363	m		
Q	25mm Diametre	181	m		
R	50mm diametre	30	m		

ref	abridged description	Qty	unit	rate	amount
S	**HV/LV Cable and wiring**				
T	4 x 16mm^2 single core Pvc/Pvc copper cable	100	m		
U	3 x 6mm^2 single core Pvc/Pvc copper cable	0	m		
V	3 x 4mm^2 single core Pvc/Pvc copper cable	0	m		
W	3 x 2.5mm^2 single core Pvc/Pvc copper cable	200	m		
X	3 x 1.5mm^2 single core Pvc/Pvc copper cable	300	m		
Y	Co-axial cable	0	m		
	2- pairs television cables	0	m		
Z	**Accessories for Electrical services**				
ZA	5A 1 gang 2 way switch	2	Nr		
ZB	5A 2 gang 2 way switch	6	Nr		
ZC	5A 3 gang 2 way switch	2	Nr		
	Water heater wall switch with neon indicator	0	Nr		
ZF	**Earthing and bonding**				
	Earthing of the whole installation at switch boards	1	item		
ZG	**Sound System**				
	Allow a provisional sum of N120,000.00 for (amplifier, 3 speakers, 1 mic)	1	sum		
ZH	**Builder's Work**				
	Allow a provisional sum of N80,000.00 for builder's work	1	sum		
	Electrical Services to summary				
	ELEMENT No.14				
	PLUMBING SERVICES				
A	**Trenches/Pipeways/ Pits for buried Engineering services**				
	Excavating trenches for services 500mm nominal size	32	m		
	Pipelines				
B	Straight PPR pipe to BS 425 in chases.				
C	25mm Diametre	32	m		
D	19mm Diametre	32	m		
	13mm Diametre	25	m		
E	**Extra over PPR pipes**				
F	Elbows	32	Nr		
G	Equal tees	16	Nr		
H	Reducing tees	4	Nr		
I	Union Connector	13	Nr		
J	Adaptor/plug	12	Nr		
K	Gate Valve	6	Nr		
L	Non-return valve	3	Nr		
M	Nipples	33	Nr		
	Socket	32	Nr		
N	**Straight UPVC pipes**				
O	150mm Diametre	11	m		
P	100mm Diametre	17	m		
	50mm Diametre	19	m		
Q	**Extra over PVC pipes.**				
R	UPVC elbow	30	Nr		
S	PVC tee	14	Nr		
T	Socket reducers	13	Nr		
U	Vent cowl	3	Nr		
V	Socket	3	Nr		

ref	abridged description	Qty	unit	rate	amount
	Pipework ancillaries				
	Traps; 38mm diametre	4	Nr		
W	**Extra over PVC pipes; fittings,**				
X	UPVC elbow	43	Nr		
	PVC tee	37	Nr		
Y	**General pipeline Equipment**				
Z	White glazed Vitreous wash hand basin (twyford)	5	Nr		
ZA	White glazed viterous low level water closet (twyford)	2	Nr		
ZB	White glazed viterous squatting W.C	4	Nr		
ZD	Bath (with mixer)	0	Nr		
ZE	Toilet accessory set	0	Nr		
	Mirror size 600mm x 600mm	5	Nr		
ZF	**Manholes**				
	Manhole size 500mm x 500mm x 600mm deep internally.	0	Nr		
ZG	**INSPECTION CHAMBER**				
	Inspection chamber size 400mm x 400mm x 500mm deep internally.	8	Nr		
ZH	**SOAKAWAY PIT AND SEPTIC TANK**				
	SAP & ST size 3500mm x 2500mm x 2400mm deep internally	1	Nr		
ZI	**Builders work**				
ZJ	Allow a provisional sum of N70,000.00.	1	sum		
	Allow a provisional sum for Air conditioning piping	0	sum		
	Plumbing Services to summary				

ref	abridged description	Qty	unit	rate	amount
	SUMMARY				
A	**SUBSTRUCTURE**				
B	**FRAME STRUCTURE**				
C	**BLOCK WALLING**				
D	**ROOF STRUCTURE**				
E	**WINDOWS**				
F	**DOORS**				
G	**FITTINGS AND FIXTURES**				
H	**WALL FINISHES**				
I	**CEILING FINISHES**				
J	**FLOOR FINISHES**				
K	**ELECTRICAL SERVICES**				
L	**PLUMBING SERVICES**				
	Bill to summary				

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QATAR CHARITY

120sqm MOSQUE

Ref	abridged description	Qty	unit	rate	amount
	SUMMARY				
A	Preliminaries		sum		
B	Mosque, Ablution and Toilets		sum		
C	Contingency (5%)		sum		
	120m2 Mosque to summary				