QATAR CHARITY

175SQM CLINIC

Ref	abridged description	Qty	unit	rate	amount
	PROPOSED CLINIC DEVELOPMENT				
	ELEMENT No. 1				
	SITE PREPARATION				
A	Excavate over site av.150mm thick .	250	m^2		
B	Deposite in temporary spoil heap for re use.	38	m^3		
	EXCAVATIONS AND EARTHWORK				
C	Excavate trench for foundation max depth n.e 1.0metres	70	m^3		
D	Ditto pit	5	m^3		
E	Remove surplus excavated materials from site.	18	m^3		
F	Select excavate materials backfilling around foundations.	52	m^3		
	FILLING				
G	300mm Laterite earth filling	80	m^3		
H	150mm thick Hardcore fillings to make up level	25	m^3		
	SURFACE TREATMENT				
I	Level and compact bottom of execavation	60	m^2		
	CONCRETE WORK				
	Plain in situ concrete				
J	Foundation footing 150mm thick	9	m^3		
K	50mm Plain in situ concrete blinding .	1	m^3		
	Reinforced in situ concrete (1:2:4 -20mm aggregate)				
L	Column bases	8	m^3		
M	Column starter	1	m^3		
N	100mm bed	17.5	m^3		
O	Vertical sides of column bases	26	m^2		
P	Ditto column starter	11	m^2		
Q	Ditto Edges of ground Slab 150mm wide	46	m		
R	12mm Diametre bar	234	kg		
S	16mm Diametre bar	0	kg		
T	10mm in links	50	kg		
U	Mesh fabric (3.5mm) spaced at 200mm centers	105	m^2		
	BLOCK WORK				
V	225mm wall fill with weak concrete	121	m^2		
	External Finishing				
W	19mm plastering (1:3) Wall	28	m^2		
	Painting / Clear Finishing				
X	Apply texcote paint externally	28	m^2		
	Substructure to summary				

ref	abridged description	Qty	unit	rate	amount

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	ELEMENT No.2				
	FRAME STRUCTURE				
	Reinforced in situ concrete				
A	Column	3	m^3		
B	Beam	0	m^3		
	Sawn formwork to				
C	Vertical sides of column	33	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	128	kg		
F	20mm bar	0	kg		
G	10mm in links	76	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	1	m^3		
S	Ditto landing	1	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	2	m		
W	Ditto Edges of landing slab not exceeding 250mm wide.	3	m		
X	Ditto Riser 150mm wide	6	m		
	High yield deformed bar reinforcement to B.S 4489 in				
	In staircase				
Y	12mm Diametre bar	20	kg		
Z	10mm bar	15	kg		
	Frame Structure (pg1) to summary				

	Plastered/Rendered/Roughcast coatings				
ZA	Landing Soffit, width exceeding 300mm	0	m^2		
ZB	Soffit of string/ stairflight	1	m^2		
ZC	Strings, average width not exceeding 300mm	1	m		
	Sand cement Floorings				
ZD	38mm backing on Landing floors	6	m^2		
ZE	Treads; 300mm wide	6	m		
	12mm thick cement and sand (1:4) floated bed				
ZF	Risers; plain, 150mm high.	6	m		
	30 x 30 or 30 x 60 unglazed tiles				
ZG	Landing	6	m^2		
ZH	Tread; 300mm wide	2	m^2		
ZI	Risers; plain, 158mm high	1	m^2		
ZJ	Skirtings; 100mm high.	1	m^2		
	Painting/clear finishing				
	Premium Gauge texcote paint.				
ZK	Rendered surfaces, width exceeding 300mm	1	m^2		
ZL	Rendered surfaces, width not exceeding 300mm	1	m		
	Frame Structure (contd.) to summary				
	ELEMENT No.5				
	BRICK/BLOCK WALLING				
	Sandcrete hollow blockwork in stretcher bond				
A	225mm wall	355	m^2		
B	150mm wall	3	m^2		
C	150mm wall in parapet	75	m^2		
	Brick/Block walling to summary				
	ELEMENT No.6				
	ROOF STRUCTURE				
	Reinforced in situ concrete.				
A	Roof beam	4	m^3		
B	Column	1	m^3		
	Sawn formwork to :				
C	Sides of Roof beam	55	m^2		
D	Ditto to sides of columns	22	m^2		
	In roof beam				
E	12mm Diametre bar	333	kg		
F	10mm Ditto bar	135	kg		
	In Roof Columns				
G	10mm Diametre bar	40	kg		
H	12mm Diametre bar	85	kg		
	Carpentary **Sawn seasoned and solignum-treated Hardwood in pitched roof members**				
I	Tie beam 50mm x 150mm @ 1200mm centres	185	m		
J	Rafters 50mm x 100mm @ 1200mm centres	240	m		
K	Struts /King post 50mm x 150mm	370	m		
L	Purlins 50mm x 75mm @ 900mm centres	245	m		
	Aluminium Sheet				
M	Include a Prime cost sum for Gauge 0.45mm long span aluminum roofing sheet (including eave angles, flashing, and bash board)	165	m^2		
N	Allow sum for steel pergola (canopy) at clinic entrance		sum		
	Roof Structure to summary				
ref	abridged description	Qty	unit	rate	amount

	ELEMENT No.7				
	WINDOWS				
	Reinforced in situ concrete				
A	Lintel	2	m^3		
	Sawn formwork to :				
B	Sides and soffit of lintel	25	m^2		
	In lintel				
C	12mm Diametre bar	130	kg		
D	10mm Ditto bar	70	kg		
	Metal Windows				
E	Include a Prime cost sum for Powder coated Aluminium standard casement window (including nets) with 6mm reflective glass;	1	sum		
F	Profit and attendances		sum		
	Burglar Proofing				
G	Window size 1200mm x 1200mm high	14	Nr		
H	Window size 1000mm x 1200mm high	4	Nr		
I	Window size 600mm x 600mm high	4	Nr		
J	Window size 2400mm x 900mm high	1	Nr		
K	Window size 3000mm x 900mm high	1	Nr		
	Windows to summary				
	ELEMENT No.8				
	DOORS				
	Reinforced in situ concrete .				
A	Lintel/Arc lintel	1	m^3		
	Sawn formwork to :				
B	Sides and soffit of lintel / Arc lintel	11	m^2		
	In lintel				
C	12mm Diametre bar	62	kg		
D	10mm Ditto bar	31	kg		
	Metal Door				
E	1800 X 2100mm Purpose made aluminum door (180 degree swing)	2	sum		
	Timber Doors				
F	Purpose-made steel door (locally made) walnut or white color	10	sum		
	Doors to summary				

ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.9				
	FITTINGS AND FIXTURES				

	General Fixtures/Furnishings.				
A	Include a prime cost sum for Furniture, electronics, appliances and essential clinic equipments.	0	sum		
B	L-shaped wooden work desk for laboratory (made of MDF material)	0	lm		
C	Office swivel chairs (non-executive) for laboratory technicians	0	nr		
	Stairs/Balcony Balustrades				
D	Hollow steel handrail externally as per architect design	4	m		
	Fittings and Fixtures to summary				
	ELEMENT No.10				
	WALL FINISHES				
	Internal Works				
A	19mm plastering on Walls.	506	m^2		
B	Walls, width not exceeding 300mm wide	41	m		
C	Plaster of Paris wall screeding (internally)	421	m^2		
	Backing				
	12mm thick cement and sand (1:4) floated backing				
D	Walls. Width exceeding 300mm wide	85	m^2		
E	Walls, width not exceeding 300mm wide	21	m		
	Ceramic tilling				
	Approved glazed ceramic wall				
F	Walls. Width exceeding 300mm wide	85	m^2		
G	Walls, width not exceeding 300mm wide	21	m		
	External Works				
H	19mm plastering on Walls.	289	m^2		
I	Ditto to isolated column	0	m^2		
J	Walls, width not exceeding 300mm wide	80	m		
K	25mm X 100mm wide protruded plaster	80	m		
L	Ditto 25mm x 150mm wide protruded plaster work on window cills	143	m		
M	75mm wide grooved plaster works	80	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	421	m^2		
R	Walls, width not exceeding 300mm wide	41	m		
S	Weathershield emulsion paint on wall exceeding 300mm(externally)	289	m^2		
T	Walls, width not exceeding 300mm wide	80	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)	348	m		
	Suspended Ceilings				
B	600 x 600mm ceiling tiles fixed in 600 x 600mm ceiling grids with main runners 3600mm and 600mm cross tees; hung 3 to 8 inches from the structural floor or noggins above as the case may be.	165	m^2		
	Painting / Clear Finishing				
	Premium Gauge emulsion paint.				
C	Rendered soffits, width exceeding 300mm	130	m^2		
	Ceiling Finishes to summary				
	ELEMENT No.12				
	FLOOR FINISHES				
	Sand cement screeds flooring				
A	38mm backing Floors.	175	m^2		
	Ceramic tilling				
B	Floors,	175	m^2		
	Tiles Skirtings				
C	Skirtings; 100mm high inluding cement mortar backing	114	m		
	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.	8	Nr		
D	60w wall bracket fittings	0	Nr		
E	12w LED ceilings fittings	27	Nr		
F	6w LED Ceilings fittings	12	Nr		
G	1 x 18w fluorescent fittings	1	Nr		
	General LV Power				
	Ancillaries; low voltage power socket outlets switches				
J	13A single switched socket outlets	11	Nr		
K	13A double switched socket outlets	14	Nr		
L	Air condition wall switch with neon indicator	0	Nr		
M	Television outlets	4	Nr		
N	Telephone outlets	7	Nr		
O	Ceiling fan	10	Nr		
	Conduit and cable trunking				
P	20mm Diametre	1317	m		
Q	25mm Diametre	407	m		
R	50mm diametre	100	m		

ref	abridged description	Qty	unit	rate	amount
	HV/LV Cable and wiring				
S	4 x 16mm^2 single core Pvc/Pvc copper cable	100	m		
T	3 x 6mm^2 single core Pvc/Pvc copper cable	100	m		

U	3 x 4mm^2 single core Pvc/Pvc copper cable	200	m		
V	3 x 2.5mm^2 single core Pvc/Pvc copper cable	500	m		
W	3 x 1.5mm^2 single core Pvc/Pvc copper cable	600	m		
X	Co-axial cable	200	m		
Y	2- pairs television cables	150	m		
	Accessories for Electrical services				
Z	5A 1 gang 2 way switch	8	Nr		
ZA	5A 2 gang 2 way switch	4	Nr		
ZB	5A 3 gang 2 way switch	3	Nr		
ZC	Water heater wall switch with neon indicator	2	Nr		
	Earthing and bonding				
ZF	Earthing of the whole installation at switch boards	1	item		
	Inverter				
ZG	Allow a provisional sum of =N=3,400,000.00 to install a 2.5kva solar inverter (including solar panels and at least 2 batteries)	1	item		
	Builder's Work				
ZH	Allow a provisional sum of N150,000.00 for builder's work	1	sum		
	Electrical Services to summary				
	ELEMENT No.14				
	PLUMBING SERVICES				
	Trenches/Pipeways/ Pits for buried Engineering services				
A	Excavating trenches for services 500mm nominal size	47	m		
	Pipelines				
	Straight PPR pipe to BS 425 in chases.				
B	25mm Diametre	40	m		
C	19mm Diametre	40	m		
D	13mm Diametre	35	m		
	Extra over PPR pipes				
E	Elbows	85	Nr		
F	Equal tees	35	Nr		
G	Reducing tees	5	Nr		
H	Union Connector	18	Nr		
I	Adaptor/plug	28	Nr		
J	Gate Valve	10	Nr		
K	Non-return valve	3	Nr		
L	Nipples	55	Nr		
M	Socket	45	Nr		
	Straight UPVC pipes				
N	150mm Diametre	43	m		
O	100mm Diametre	25	m		
P	50mm Diametre	30	m		
	Extra over PVC pipes.				
Q	UPVC elbow	40	Nr		
R	PVC tee	25	Nr		
S	Socket reducers	18	Nr		
T	Vent cowl	3	Nr		
U	Socket	3	Nr		

ref	abridged description	Qty	unit	rate	amount
	Pipework ancillaries				
V	Traps; 38mm diametre	3	Nr		
	Extra over PVC pipes; fittings,				
W	UPVC elbow	112	Nr		
X	PVC tee	58	Nr		

	General pipeline Equipment				
Y	White glazed Vitreous wash hand basin (twyford)	4	Nr		
Z	White glazed viterous low level water closet (twyford)	4	Nr		
ZA	15 litres ARISTON water heater	2	Nr		
ZB	Shower mixer	1	Nr		
ZD	Toilet accessory set	2	Nr		
ZE	Mirror size 600mm x 600mm	2	Nr		
	Manholes				
ZF	Manhole size 500mm x 500mm x 600mm deep internally.	2	Nr		
	INSPECTION CHAMBER				
ZG	Inspection chamber size 400mm x 400mm x 500mm deep internally.	10	Nr		
	SOAKAWAY PIT AND SEPTIC TANK				
ZH	SAP & ST size 3500mm x 2500mm x 2100mm deep internally	1	Nr		
	Builders work				
ZI	Allow a provisional sum of N150,000.00.	1	sum		
ZJ	Allow a provisional sum for Air conditioning piping	7	sum		
	Plumbing Services to summary				
	ELEMENT No.15				
	EXTERNAL WORKS				
	Landscaping				
A	Excavate over site av.100mm thick .	183.18	m^2		
B	150mm Laterite earth filling	28	m^3		
C	Preparing of 125mm thick concrete surface over levelled and compacted area	24	m^3		
D	75mm x 500mm kerb stones	302	m		
E	Provide PVC sheet underlay to protect against weeds	160	m^2		
F	Prepare and apply 1 prime coat and 2 finishing coats of good quality gloss paint on kerb stones (smooth side of kerbs)	76	m^2		
G	Allow a provisional sum of =N=300,000.00 for planting shade trees		sum		
H	7.5m x 5m steell canopy covered with trampoline	1	nr		
I	Provide and lay 100mm thick 3/4 inch gravel around waiting area, walkways, and flower beds	22	m^3		
J	200W LED solar stand alone street light complete with accessories, mounted on a 6 meter galvanized steel pipe with fuse inspection door bolted on a concrete base with at least 4 bolts with single arm.	4	nr		
	External Works carried to summary				

ref	abridged description	Qty	unit	rate	amount
	SUMMARY (CLINIC)				
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**				
M	**EXTERNAL WORKS**				
	Clinic Bill to summary				