



First Step Together Association

## Facility Rehabilitation Works

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*Tripoli*

Bill of Quantities

7/12/2022

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
1	<b>GENERAL REQUIREMENTS</b>				
1.1	<b>Insurance</b> Provide the following insurances from an approved insurance company: - Workmen insurance - Third Party insurance  PER LUMP SUM THE UNIT RATE OF USD	LS	1.00	\$	-
1.2	<b>Shop Drawings &amp; As-Built Drawings</b> Prepare and furnish all required and/or necessary shop drawings during the execution of works, and the required As-Built drawings on completion of the works as all constructed drawings and all approved latest ammendments and variations  PER LUMP SUM THE UNIT RATE OF USD	LS	1.00	\$	-
1.3	<b>Protection of existing finished items that won't be replaced (for e.g but not limited to: tiles, wood doors, glass openings, main building elevators and stairs, ect..)</b>  PER LUMP SUM THE UNIT RATE OF USD	LS	1.00	\$	-
1.4	<b>Site Cleaning during works</b> PER LUMP SUM THE UNIT RATE OF USD	LS	1.00	\$	-
1.5	<b>Engineering Coordination Fees</b> PER LUMP SUM THE UNIT RATE OF USD	LS	1.00	\$	-
<b>TOTAL 1- General Requirements</b>					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2	<b>CIVIL WORKS</b>				
2.1	<b>Demolition Works</b>				
	Demolish and remove the following existing items complete including, but not limited to, dismantling, sorting in approved locations, protecting adjacent structures, all necessary temporary works to facilitate the work, propping and all other related works				
2.1.1	<b>Demolishing and removing existing floor, wall tiles and threshold Any type, size and any thickness</b>				
	PER SQUARE METER THE UNIT RATE OF USD				
		M2	30.00	\$	-
2.1.2	<b>Demolishing of WC concrete attic, clean cut using electrical drills, with propping and patching all around damaged cut edges</b> <i>Approximate Area= 6 sqm</i>				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
2.1.3	<b>Cutting, demolishing and removing existing concrete masonry unit walls to enlarge WC's door</b>				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
2.1.4	<b>Dismantling and removing existing useless and unnecessary items including, but not limited to, sanitary fixtures &amp; electrical equipment to be replaced:</b> - All sanitary fixtures in WC - Wood door at WC				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
2.1.5	<b>Carting away and disposing of demolished and resulting materials to approved dumps</b>				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
<b>TOTAL 2.1- Demolition Works</b>					<b>\$ -</b>

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2.2	<u>Masonry Works</u>				
2.2.1	<p><u>Lintels, Jambs and Sills</u></p> <p>Cast in place reinforced concrete using Moderate Sulphate Resistant Cement to ASTM C150, Type II, complete including formwork of any type and shape, reinforcement and all necessary accessories</p> <p><u>Reinforced concrete jambs and lintel for new WC door including epoxy anchoring where necessary</u> <i>Any thickness, any size</i></p> <p>PER LINEAR METER THE UNIT RATE OF USD</p>				
		LM	8.00		\$ -
<b>TOTAL 2.2- Masonry Works</b>					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2.3	<u>Thermal and moisture protection</u>				
2.3.1	<u>Waterproofing for Wet Areas</u> Supply all required materials, and construct the following waterproofing system: - Application of polyurethane primer, - Application of two layers of polyurethane to surfaces; - Supply and install 200gr geotextile; - All necessary accessories and laps.				
2.3.1.1	<u>PU Waterproofing in bathroom including skirting</u>				
	PER SQUARE METER THE UNIT RATE OF USD	M2	13.00		\$ -
TOTAL 2.3- Thermal and Moisture Protection					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2.4	<u>Wood Works</u>				
2.4.1	<u>New Wood Doors</u> Supply and install wood doors and frames complete including solid wood sub-frames and frames, architraves, hardware, fixing accessories, preservative treatment of wood and painting, and all other related works as per the following: Wood door leaf, 45mm thick, fabricated in 8mm thick MDF wood panel on both sides and reinforced with solid wood for lock and handle, and edge leaf frame in solid wood, door frame in solid wood				
2.4.1.1	<u>Bathroom wood door at WC, single leaf, side hinged, opens outwards, size 850mm x 2100mm high</u>  PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
2.4.2	<u>Repair and repaint existing wood doors</u> Replace ironmongery of existing doors with sustainable quality (preferred European Brand accessories) Spray gun coating for existing wooden doors all works have to be done after scrubbing the existing paint completely and using putty to fill the gaps, including wood reinforcement and repair where necessary  PER ITEM THE UNIT RATE OF USD				
		U	24.00	\$	-
<b>TOTAL 2.4- Wood Works</b>					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2.5	<u>Gypsum Board Assemblies</u>				
	Supply all required materials and construct the following gypsum board assemblies complete including metal channel ceiling framing and suspension hangers system, anchorages, fasteners, adhesive, trims, accessories, access traps, and all other related works.				
2.5.1	<u>Supply and install PVC false ceiling</u>				
	PER SQUARE METER THE UNIT RATE OF USD				
		M2	7.00		\$ -
<b>Total 2.5- Gypsum Board Assemblies</b>					<b>\$ -</b>

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2.6	<u>Floor Finishing Works</u>				
2.6.1	<u>Ceramic Tiling installed by Mortar</u> Approved first quality ceramic floor tiles, supplied, laid, bedded and jointed in cement sand mortar (1:3) including sand bed, and pointed with white or colored cement mortar with waterproofing admixtures, Ceramic floor tiles to be Type Full Body/European Standard <u>PC Rate 18 \$/m2</u>				
2.6.1.1	<u>Heavy duty anti-slip full body (plein masse) ceramic floor tiles, of approved type and color, size 600 x 600 mm, 8 mm thick in WC</u> PER SQUARE METER THE UNIT RATE OF USD				
		M2	8.00	\$	-
2.6.1.2	<u>Ceramic wall tiles to be installed by adhesive of approved type and color, size 300 x 600 mm, 8 mm thick, in WC</u> <i>Note: wall plaster to be included تقربس</i> PER SQUARE METER THE UNIT RATE OF USD				
		M2	38.00	\$	-
2.6.2	<u>Bathroom Threshold</u> PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
<b>Total 2.6- Floor Finishing Works</b>					\$ -



ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
2.7	<u>Paint Works</u>				
2.7.1	<u>Paint to existing painted surfaces including surface preparation (repairing all cracks, remove and replace loose plaster)- Tinol or equivalent</u>  Supply and apply: -Prime Coat: 1 coat TINOCRYL EMULSION TINTED PRIMER/UNDERCOAT, series 21300, diluted 50%. [SEALOMAT SEALER (CLEAR) Nr. 15020 diluted up to 300% or SEALOMAT PIGMENTED SEALER, series 5200 diluted 50% could also be used on plaster. -Two Coats of putty including touch-up where needed: TINOFIL PUTTY FILLER Nr. 15030 for interior surfaces, and TINOTRAFFIC EMULSION PUTTY -Undercoat: 1 coat TINOCRYL EMULSION TINTED PRIMER/UNDERCOAT series 21300, diluted 50%. -Top Coat: 2 or 3 coats TINOCRYCIDE PAINT, series 12000 or 12300 diluted 20%. to the satisfaction of the Engineer.				
2.7.1.1	<u>Paint to existing internal finished walls &amp; ceilings</u>  PER SQUARE METER THE UNIT RATE OF USD				
		M2	3,234.00	\$	-
<b>Total 2.7- Paint Works</b>					\$ -
2.8	<u>Additional Works</u>				
2.8.1	<u>Supply and install signs, printed on vinyl and attached the 4mm plexi fixed with stainless steel bolts including cap bolts stainless steel size A3-ISO</u>  PER ITEM THE UNIT RATE OF USD				
		U	20.00	\$	-
<b>Total 2.8. Additional Works</b>					\$ -
<b>GRAND TOTAL 2. CIVIL WORKS</b>					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
3	<b>MECHANICAL WORKS</b>				
	<b>Plumbing</b>				
3.1	<b>Supply the following sanitary fixtures. European Brand or equivalent</b>				
3.1.1	<b>Floor mounted WC for handicap complete including citern, seat cover &amp; flushing system</b>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
3.1.2	<b>Washbasin for handicap</b>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
3.1.3	<b>Shower Mixer</b>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
3.1.4	<b>Grab rails to be fixed on wall (100cm minimum length per item)</b>				
	PER ITEM THE UNIT RATE OF USD				
	<i>1 vertical at wall, 1 horizontal at wall, 1 at door</i>				
		U	3.00	\$	-
3.1.5	<b>Foldable grab rail (100cm minimum length)</b>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
3.1.6	<b>Adult changing station. minimum dimensions L=1830cm, W=81cm, H=85-90cm adjustable</b>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
3.2	<b>Install the following sanitary fixtures</b>				
	Rate to include for the supply and installation of all necessary fittings, valves and accessories				
3.2.1	<b>WC for handicap including angle valves</b>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
<b>Carried to Collection</b>					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
3.2.2	<u>Lavatory &amp; mixer including angle valves and all necessary accessories</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.2.3	<u>Shower Mixer including angle valves</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.2.4	<u>Grab rails to be fixed on wall &amp; WC door</u> PER ITEM THE UNIT RATE OF USD	U	3.00	\$	-
3.2.5	<u>Foldable grab rail</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.2.6	<u>Adult changing station</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.3	<u>Supply and install the following sanitary fixtures</u>				
3.3.1	<u>Floor drain D75mm including regular Stainless Steel cover</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.3.2	<u>Floor Cleanout D110mm</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.3.3	<u>Shower Drain D50mm</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
3.3.4	<u>Gate Valve Concealed</u> PER ITEM THE UNIT RATE OF USD	U	1.00	\$	-
Carried to Collection					\$ -

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
3.4	<b>VAC</b>				
3.4.1	<b>Supply and install ventilation pipe 4" (European Brand or equivalent) including elbows, joints and all necessary fixing material</b>				
	PER LINEAR METER THE UNIT RATE OF USD	LM	14.00		\$ -
3.4.2	<b>Supply and install aluminum Exhaust grill 20cm x 20cm including all civil works, patching and painting</b>				
	PER ITEM THE UNIT RATE OF USD	U	2.00		\$ -
3.4.3	<b>Supply and install Exhaust fan centrifugal inline ducted type 75CFM, 75Pa</b>				
	PER ITEM THE UNIT RATE OF USD	U	2.00		\$ -
Carried to Collection					\$ -
<b>GRAND TOTAL 3.Mechanical Works</b>					<b>\$ -</b>

ITEM	ITEM DESCRIPTION	U.	QTY	UNIT PRICE USD	TOTAL PRICE USD
4	<u>ELECTRICAL WORKS</u>				
4.1	<u>Solar system</u>				
	Supply the following items for solar system providing 22 Amp/Day & 7Amp/night				
4.1.1	<u>Luxor PV panels 540 W, made in Germany</u>				
	PER ITEM THE UNIT RATE OF USD				
		U	12.00	\$	-
4.1.2	<u>Inverter type Deye, 5.5 KW</u>				
	PER ITEM THE UNIT RATE OF USD				
		U	1.00	\$	-
4.1.3	<u>Wall Mounted Lithium Batteries 200A, 6000 cycles</u>				
	PER ITEM THE UNIT RATE OF USD				
		U	2.00	\$	-
4.1.4	<u>Necessary cabling, breakers and accessories</u>				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
4.1.5	<u>Installation fees</u>				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
4.1.6	<u>Galvanized steel structure for solar system, including concrete supports and waterproofing floor protection for 12 PV panels</u>				
	Galvanized steel beams and columns rectangular section 4cm x 8cm thickness=2.5mm, bracing rectangular section 4 cm x 4cm thickness 2.5mm				
	<u>Dim: L=805cm, W=360cm</u>				
	PER ITEM THE UNIT RATE OF USD				
	<i>Refer to attached drawing</i>				
		U	1.00	\$	-
4.1.7	<u>Testing and comissioning for solar system</u>				
	PER LUMP SUM THE UNIT RATE OF USD				
		LS	1.00	\$	-
<b>GRAND TOTAL 4.Electrical Works</b>					\$ -

SUMMARY

	<u>Amount USD</u>
GENERAL REQUIREMENTS	\$ -
CIVIL WORKS	\$ -
MECHANICAL WORKS	\$ -
ELECTRICAL WORKS	\$ -
GRAND TOTAL	\$ -