

**REQUEST FOR QUOTATION (RFQ)
(Works)**

DESCRIPTION: Rehabilitation of Mahdeiya Health Clinic in Sebha, Libya.	DATE: August 11, 2019
	REFERENCE: RFQ/LBY/SFL/2019/104

We kindly request you to submit your quotation for the following works, as detailed in Annex 1 of this RFQ. Quotations may be submitted on or before **27th August 2019 at 14:00 hours** Tunis, Tunisia time, ref. www.greenwichmeantime.com and via email at tenders.ly@undp.org or hand delivered to the address below:

United Nations Development Programme
Libya Country Office
Rue du Lac Windermere, Les Berges du Lac, 1053 Tunis, Tunisia

An organized site visit is arranged for 20th August 2019 at 10:00 hrs (Libya Time)

Focal Person(s): Jamal Omer; Mobile No. +218926062142; and
Hafid Omar; Mobile No. +218914781510

Quotations submitted by email must be limited to a maximum of 10 MB, transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned works:

Place of contract	Mahdeiya Health Clinic in Sebha, Libya.
Preferred Currency of Quotation	United States Dollars (US \$)
Site visit	An organized site visit is arranged for 20 th August 2019 at 10:00 hrs (Libya Time) Focal Person(s): 1. Jamal Omer; Mobile No. +218926062142 2. Hafid Omar; Mobile No. +218914781510
Period of Validity of Quotes	<u>120 days - commencing on the submission date</u> In exceptional circumstances, UNDP may request the Offeror to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Offeror shall then confirm the extension in writing, without any modification whatsoever on the Quotation.
Advanced Payment upon signing of contract	Except when the interests of UNDP so require, it is the UNDP's preference to make no advanced payment(s) on contracts (i.e., payments without having received any outputs). In the event that the Bidder requires an advanced payment upon contract signature, and if such request is duly accepted by UNDP, and the said advanced payment exceeds 20% of the total Bid price or exceed the amount of USD 30,000.00 UNDP shall require the Bidder to submit a Bank Guarantee in the same amount as the advanced payment.
Liquidated Damages	Will be imposed under the following conditions: Percentage of contract price per day of delay up to maximum duration of 01 calendar month: 0.5% per day Max. limit of delay: 10%

Quotation shall include the following:	<p>a. <u>General Information and Experience</u>: Include a description of the firm/company's history and experience to demonstrate that the firm/company has the capacity to undertake the works including the list and value of similar projects performed in past, plus client's contact details who may be contacted for further information on those contracts.</p> <p>b. <u>List of proposed personnel with CV's</u> showing relevant experience and qualification.</p> <p>c. <u>Business Licenses</u>: Valid business license in general construction works. Interested bidders must have appropriate permission/registration from relevant Government body to operate in Libya (copy must be provided with the quote). The evidence (documents) must be translated into English language.</p> <p>d. <u>Project Schedule</u>: An outline of the firm/company's proposed timeline reflecting start and completion dates of works including:</p> <p>e. <u>Signed/stamped Annex 2 & 2A</u> (FORM FOR SUBMITTING SUPPLIER'S QUOTATION – Annex 2) and (BILL OF QUANTITIES – Annex 2A)</p>
Evaluation method to be used in selecting the most responsive Bid	Lowest priced offer of technically qualified/responsive quotation
Evaluation Criteria	<p>1. Minimum no. of years of experience in (civil works) general construction work: 3 (three)</p> <p>2. The company should have completed at least two similar in nature contracts with the contract value of USD 100,000.00 for each contract. (Copies of contracts and completion certificates (handover of work) to be provided. The supporting documents must be translated into English language.</p> <p>3. Qualification and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment:</p> <ul style="list-style-type: none"> • Civil Engineer/Project Manager - shall have a Degree in Civil engineering and minimum of 3 years of experience of work. • Electrician - with a minimum of 3 years of experience of work. • Plumber - with a minimum of 3 years of experience of work. <p>4. Submission of Implementation Timeline/Meeting the works completion deadline of 60 days.</p> <p>5. Acceptance of General Terms & Conditions for Civil Works.</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within 60 days from the award of contract. Offeror's technical approach shall fully comply with the specifications, drawings and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	English Documents provided in other languages must be translated into English
Deadline for the Submission of Quotation	On or before 27 th August 2019 at 14:00 hours Tunis, Tunisia time, ref. www.greenwichmeantime.com
Partial Quotes	Not permitted

UNDP will award to	One and only one Vendor
Type of Contract to be Signed	Contract for works
Conditions for Release of Payment	Submission of invoice and acceptance/certification by UNDP Engineer
Annexes to this RFQ	<p>Scope of Works (Annex 1)</p> <p>Form for Submission of Quotation including the BOQ (Annex 2 & 2 A)</p> <p>Specifications (Annex 3)</p> <p>General Terms and Conditions for Civil Works (Annex 4).</p> <p>Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>
Request for clarification	<p>Offerors requesting clarification of any of the items, technical requirements or conditions stipulated in this RFQ shall communicate in writing with UNDP office to procurement.ly@undp.org stating the RFQ reference number: RFQ/LBY/SFL/2019/104.</p> <p>All the enquiries should be made five days prior to deadline. Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the offerors.</p>

The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail, and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Contract/Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP herein attached as Annex 4.

UNDP is not bound to accept any quotation, nor award a Contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process.

In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

<http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

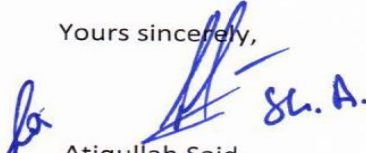
UNDP encourages every prospective Vendor to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link:

http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your quotation.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Atiqullah Said', is written over the typed name. To the left of the signature is a small blue mark, and to the right is the initials 'S.L.A.'.

Atiqullah Said,
Head of Service Center,
UNDP Libya

Scope of Work

Introduction:

The above Rehabilitation works will be for Mahdeiya health clinic, which provides health services for neighborhood.

Scope of Work:

Supply all labour, materials and equipment for rehabilitation of the whole building with and including all required finishes to the approval of Site Engineer and/or described in Bill of Quantity attached herewith. All works should be compliant with the description in the technical Specifications and Bill of Quantity.

The Below works must be completed:

- Painting works 2-coats of semi glossy emulsion approved paint.
- Cleaning of ceramic tile
- Maintenance, Provision/ Installation and Supply of doors, windows and related accessories.
- Plumbing: PPR water supply pipes, UPVC sewage/sanitation pipes, Hand wash basin, with all valves, fitting.
- Supply, of 2 HP horizontal centrifugal pump, 50 HZ motor for the supply of potable water.
- Supply and Installation Electrical 80 liters water heater.
- Electrical / lighting: conduits, wires, Led lighting throughout, sub-main distribution boards, Sockets, Circuit breaker.
- Supply and Installation 16 BTU and 18 BTU A/C with inverter.
- Maintenance and cleaning of existing A/C, the contractor will replace and damaged parts and clean the unit very well and approval needed before their replacement.

General:

Target Clinic is located in Sebha City within one of the planned residential suburbs. Water and electrical sources are available within the area.

The Project site has suitable access road for transportation of construction material and equipment. No any major restrictions have been applied on the access route to the project site.

Site cleaning:

All excess construction materials on site are to be removed and site left neat and tidy after completion of the works. All debris arising from the construction process shall be disposed as directed by the UNDP site Engineer.

FORM FOR SUBMITTING SUPPLIER'S QUOTATION

We, the undersigned, hereby accept in full the **UNDP General Terms and Conditions**, and hereby offer to perform the works as per the summary provided below and attached priced BoQ in conformity with the specification and requirements of UNDP as per RFQ Reference No. **RFQ/LBY/SFL/2019/104 - Rehabilitation of Mahdeiya Health Clinic in Sebha, Libya.**

Description:	Total (US\$)
Total work for Rehabilitation of Mahdeiya Health Clinic in Sebha, Libya. (as per priced BOQ-Annex 2A)	
Grand Total:	

Currency: United States Dollars

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.

We declare that the firm/company or individuals employed by the firm/company are not included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List.

Company Name: _____

Contact Person: _____

Position: _____

Email: _____

Mobile Number: _____

Address: _____

Authorised Signature & Stamp: _____ Date: _____

BILL OF QUANTITIES

Description: Rehabilitation of Mahdeiya Health Clinic in Sebha, Libya.

RFQ Reference Number: RFQ/LBY/SFL/2019/104

Item	Description	Unit	Qty	Rate in USD	Amount in USD
	Block A				
A	Painting Works				
A1	Internal painting for internal walls and ceiling one under coat primer, min. 2-coats of putty and min. 2-coats of emulsion paint with all required works.	SQ.M	218.96		
A2	Internal oil painting for internal walls one under coat primer, min. 2-coats of putty and min. 2-coats of oil paint with all required works.	SQ.M	119.90		
C	Doors, Windows and Metals Works				
C1	Maintenance for all wooden doors. The work includes replacing all damaged parts with new one, locks, handles and paints for (leaf's & frame), frames fixation and all needed wooden materials for frames and leaf's and rubbing off old paints, and all required works.	No	2.00		
C2	Supply and fix clear glass 4 mm thick and, like the existing, for broken windows.	SQ.M	20		
C3	Supply and fix interior UPVC window and Doors, difference sizes with frame, including door lock, handle, clear glass of 4 mm thick, all iron monger, hardware, and all required works.	SQ.M	1.71		
	Block B				
A	Demolishing and Preparing				
A1	Demolish and remove damaged floor and roof tiles, ceramic tiles, stripping off damaged plaster on the internal wall, hand wash basins, glazed fireclay European and estrin W.C. suites, doors, windows including preparing surfaces for new works. The surplus should be removed to approved dump arsenal as directed by Engineer.	L.S	1		
	B - Block Works				
	The work shall include supplying hollow cement block from good and approved factory in perfect dimension and build it in good manner with a compressive strength 35 kg/chq and complying in all respects with BS 6073: Part 1."The work shall include remove all debris safely to approved dump site."	Note			
B1	Supply & build hollow concrete blocks size 40x20x20cm, built with cement sand mortar (1:3) mix according to technical specification and instruction of Engineer.	SQ.M	3.48		
	C - Plastering Works				
	All works must be according to specification and Engineer instructions. Rates shall include; Supply of all needed materials, including galvanized angles for the corners, windows and external decoration as well as the use of galvanized wire mesh between concrete and block work. Mix and proportion cement plaster in accordance with ASTM C926. Preparation works by covering all conduits of electricity, water	Note			

	supplies , etc., and removal of wires and nails and cleaning of surfaces to be ready for plastering. Curing with water for each coat. Scaffolding, maintenance all existing plaster after removal specified area, Preparing the surface to install the new layer, covering the windows by polyhedrane sheets.				
C1	Supply and make internal plastering (15) mm thick for walls and ceiling with cement sand mortar (1:3) mix made of 440 Kg cement + 1 CU.M sand. The work includes rough 5 mm primer rendering, finishing coat 10 mm and metal mesh at concrete block work joints, edges and openings.	SQ.M	3.48		
C2	Supply and make external plastering 25 mm thick. The work includes rough 15 mm primer rendering with cement sand mortar (1:3) mix and metal mesh at concrete block work joints, edges and openings, finishing 10 mm coat with 350 Kg cement+ 580 Kg limestone powder + 1170 Kg sand mix, and Tyrolean finish of required colors.	SQ.M	3.48		
D	Tiling and Marble Works	SQ.M			
D1	Supply and install high quality marble (grade A), like the existing, 30mm thick for windows and doors sills laid on 20mm thick mortar bed, including all required works.	SQ.M	6.40		
	E-Vaccinations Cold Room				
	COLD ROOM DIMENSIONS Cold Room shall be externally L.4660 mm. x W.2760 mm. x H.3300 mm. and shall be installed inside a brick room in following sizes: L.4700 mm. x W.2800 mm. x H.3500 mm	Note			
E1	<ul style="list-style-type: none"> • POLYURETHANE INSULATED PANEL STRUCTURESandwich panels in composite form comprise of two steel sheet facings, resistant to corrosion and an insulation core made of polyurethane foam in accordance with the norm TS END 14509. Panel facings are made of AISI304 grade stainless steel sheet at internal side of the cold room and polyester painted galvanized sheet outside of the cold room in thickness of 0,5mm made in accordance with the norm TEN 10346 and TS END 10088-4 • INSULATIONThe core of the panel shall be rigid injected CFC free, self-extinguishing class 2 polyurethane foam. Heat conductivity value of foam shall be λ: 0,022(w/make) in accordance with the norm TEN 14509 • PANEL THICKNESS 120 mm. • OVERALL DENSITY40-42kg/m3 • CLADDINGWalls / Ceiling Inside: 0.50 mm AISI304 grade stainless steel sheet with nylon protective film. / Outside: 0.50 mm pre-painted (REAL 9002) GI sheets with nylon protective film. • FLOORCold Room shall be completed with sandwich panel floor finished with 0.50 mm AISI304 grade non-slip patterned stainless steel sheet reinforced with either 5 mm marine plywood or 5 mm Oriented Strand Board (OSB) at internal side and with 0.50 mm pre-painted (RAL 9002) GI sheets with nylon protective film at outside. Floor Reinforcement Thermal Isolation Blocks shall be used inside the floor panels to distribute the load capacity shall be 3500 kg/m². • CONSTRUCTIONPanels shall be joined together by means of tongue and groove and locked together by cam lock spaced on two long side of the panel to ensure airtight joints. Upper and lower L-cut in wall panels to avoid thermal bridges. All internal corners shall be rounded with HACCP compliant plastic profiles with soft edges whereas externally rounded with 100x100 mm. L shaped metal sheet profiles. 	Set	2.00		

E2	<ul style="list-style-type: none"> • HINGED TYPE THERMO INSULATED DOOR <p>Cold Room shall be completed with one (1) hinged type door with a clear opening: 1200(W) x 2000(H) mm. The door leaf shall be made of prefabricated polyurethane panels in same specifications of wall / ceiling panels. Counter frame shall be made in anodized aluminum profile. Leaf edge also shall be made in anodized aluminum profile. All fittings shall be plastic and stainless steel. Door leaf insulation thickness shall be 90mm. Door shall be completed with rubber gaskets, frame heaters, adjustable thermostat for the door heater, external and internal handles, internal safety release (encase door is locked outside, it shall be opened internally) and Key Lock.</p>	No	2.00		
E3	<ul style="list-style-type: none"> • REFRIGERATION SYSTEMS <p>Refrigeration systems shall be split type consist of a condensing unit, evaporator and electronic controller. Condensing unit shall be located outside and connected to evaporator by means of copper piping. Split Type Refrigeration Units shall be two (2) sets which shall be installed in same room. Each of the unit shall maintain %100 refrigeration capacity. Hereby, in case of failure of one of the units the other one will provide adequate refrigeration capacity.</p> <ul style="list-style-type: none"> • CONDENSING UNIT <p>Condensing Unit housing shall be epoxy powder painted and waterproof type. And whole structure shall be mounted on special vibration mounts that make the handling and floor fitting easier and reduce vibration.</p> <p>Refrigeration Compressor Refrigeration Compressor shall be semi hermetic type and capacity data shall match 12.4. It shall be brand BITZER made in Europe Community. Refrigeration Compressor shall be equipped with two (2) nos of CR-II capacity control head to allow virtually stepless capacity control to ensure a flawless operation in dual temperature mode. CR-II capacity control heads shall be controlled electronically by compressor step controller. Electrical Panel Condensing Unit shall include an integrated electric panel with a service door for ease of servicing to electric components. It shall be equipped with a cam key-lock closing door for complete protection for outdoor installation. Voltage shall be 3ph+N /400v/50Hz, Main safety electric Isolator Alarm led pilot lights for Pressure and Electric failure, Compressor and fans protection fuses and thermal relays. Auxiliary circuits protection fuses. Compressor and fans contactors. Compressor on/off switches. Coloration cables and terminals number made in conformity with CEI EN60204-1. Safety Device Panel Board Pressure switches for regulating the condensing pressure. Automatic reset general LBP/HBP safety pressure switch. Low pressure transducer. HBP and LBP general pressure gauges.</p>	No	2		

	<p>Lubrication System</p> <p>Oil separator Other Standard Components Liquid receiver, HBP pressure relief valve made in conformity, LBP pressure relief valve made in Conformity, Service shut off valve fitted in all main lines. Replaceable core cartridge filter on suction line, Fixed core cartridge filter on suction line, Crankcase heater on compressor. Fan motor for semi hermetic compressor cooling. Liquid and humidity side glass. Discharge line vibration damper. Mechanical Fan Speed Control to all the condenser fans to adjust the speed of the fans. (fans on/off system not accepted) Condenser Coil Condenser Coil Shall be Tropic Type. Design DT shall be 10 (Air Inlet Temperature +38 deg. C / Condensing Temperature +48 deg. C).</p> <p>EVAPORATOR Casing</p> <p>The casing shall be made of AISI304 grade stainless steel and all rivets, screws, drain pan shall be made of AISI304 grade stainless steel as well. An internal stainless-steel drain pan limits the effects of condensation under the main drain pan during the defrost process.</p> <p>Ventilation the external rotor fans are equipped with fan guards compliant with safety standards.</p> <p>Evaporator Coil</p> <p>The finned coils are designed with aluminium ns spaced at 8 mm crimped onto copper tubes.</p> <p>Evaporator Coil Shall be designed at DT:10</p> <p>Defrost</p> <p>In adequate capacity of shielded electric heating elements shall be inserted in sleeves located in the finned coil, 2 or 3 heating elements are placed under the intermediate drain pan. Also, one cable type drain heater of 5mt. shall be supplied with the evaporator unit.</p> <ul style="list-style-type: none"> • ELECTRONIC COLD ROOM CONTROLLER <p>Each refrigeration unit shall be supplied with an electronic cold room controller to manage refrigeration devices such as compressors, fans, defrost, alarms and lights. The enclosure shall be IP65 class, Electronic Cold Room Controller shall include a digital HACCP recording for the room temperature.</p> <ul style="list-style-type: none"> • OPERATION TEMPERATURE AND REFRIGERATION CAPACITY DATA <p>Refrigeration units shall be designed to operate at dual temperature range (-15 deg. C to -22 deg. C) and (+2 deg. C to +10 deg. C) / Refrigerant R404A</p> <p>Refrigeration Capacity Shall Be for the each of the unit: 6,00kW (tolerance: + %10) @ -8 deg. C evaporation temperature and +48 deg. C condensing temperature (Condenser Liquid Sub Cooling 2 K / Suction Gas Superheat 10K)</p> <p>5,00kW (tolerance: + %10) @ -28 deg. C evaporation temperature and +48 deg. C condensing temperature (Condenser Liquid Sub Cooling 2 K / Suction Gas Superheat 10K)</p>				
E4	<ul style="list-style-type: none"> • INSTALLATION SUPPLIES <p>PUR Foam, Silicone Sealant, Mastic, Screws, Rivets, Inter Connection Accessories between evaporators and condensing units such as copper tubes, electrical cables, isolation, fittings and accessories, cold room control panels and refrigerant R404A</p>	Set	2		

E5	<ul style="list-style-type: none"> • COLD ROOM SHELVING SYSTEM <p>Cold room on three (3) sides (Two long sides and one short side) shall be surrounded with AISI304 grade stainless steel grill shelving. Modules Shall be: 5 no's x 460mm(D) x 1520mm(L) x 2500mm(H) and 2 no's x 460mm(D) x 1370mm(L) x 2500mm(H)</p> <p>Specifications Shall be:</p> <ol style="list-style-type: none"> 1) Each unit shall be supplied with four (4) posts 2) Depth: 4600mm 3) Height: 2500 mm 4) 6 Stores 5) Bolt-free assembly 6) Shelving shall be resistant down to -22 deg. C 	Set	2.00		
	Total of Civil Works				
D	Plumbing & Sanitary Works				
D1	Supply and install Poly Propylene (PPR) pipes 3/4", for potable water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	40.00		
D2	Supply and fix chromium plated water tap 1/2" diameter Remer or similar, including removal of old ones and all required works.	No	5.00		
D3	Supply and fix chromium plated waste trap for hand washing basins and kitchen sink, including removal of old ones and all required works.	No	6.00		
D4	Supply and fix chromium plated mixer Remer or similar for and kitchen sink. The work includes water supply pipes 16mm and all related work accessories and fittings.	No	6.00		
D5	Supply and fix high quality valves Remer or similar of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	5.00		
D6	Supply and fix toilet flush box with all needed materials for Oriental WC	No	0.00		
D7	Supply and fix toilet flush accessories with all needed materials for western WC	No	2.00		
D8	Supply and fix electrical water heater, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve and all required works.	No	1.00		
D9	Supply and install PVC tank for potable water, of 2000 liters capacity, including the electrical floating valve, metal stand with 1.25 Hight with bars to hold the tank and all related work accessories and fittings according to the specifications, and Engineer instructions.	No	1.00		
D10	Supply and install PVC tank for potable water, of 1000 liters capacity, including the electrical floating valve, metal stand with 1.25 Hight with bars to hold the tank and all related work accessories and fittings according to the specifications, and Engineer instructions.	No	0.00		
D11	Supply and fix 1' and 2 HP horizontal centrifugal pump, one flange and 50 HZ motor, installed on potable water main to supply the water tank. The work includes IT'S AUTOMATIC to control the water flow and all related work accessories and fittings.	No	1.00		
	Total Plumbing & Sanitary Works				
E	Electrical Works				

J10	Supply and fix electrical single air circuit breakers (Schneider or similar),3 phase voltage, of 2 pole and (400 A) rating and shall conform to IEC 60947-2.	No	1		
E2	Ditto, but 100 A.	No	1		
	Supply and install connect and commission manual switch board 100 A	No	1		
J4	Supply and install connect and commission, electrical N.Y.Y. copper cables of 600/1000 V grade and comply with BS and IEC 60502, IEC 60228, insulated with PVC, size 4 X 35 mm, according to the specifications, and Engineer instructions.	L.M	100		
E2	Excavate trenches 600 mm deep and 400 mm wide in all types of soil for electrical cables connections. The work includes the cut of the concrete and repute, two clean sand layers below and above the cable as shown on the drawings, strong concrete tiles and warning tape (yellow background) along the trench length, and backfilling, cast of the cut concrete according to the specifications, and Engineer instructions.	L.M	100		
E5	Maintenance and cleaning for all A/C units. The work includes replacing all damaged parts with new one, gas, breakers and all needed materials for to complete the work, as directed by site engineer.	No	8		
	Total of Electrical Works				
Summary					
	Description				Total Amount
1	Total of Civil Works				
2	Total Plumbing & Sanitary Works				
3	Total of Electrical Works				
5	Grand Total				
	Grand total in words USD				
	Name of the contractor:				
	Contact Person:				
	Position:				
	Email:				
	Mobile Number:				
	Address				
	Signature and stamp of the contractor				
	Date:				



Annex 3

Specifications

Attached



Annex 4

UNDP General Conditions of Contract for Civil Works

Attached