

REQUEST FOR QUOTATION (RFQ)

(Works)

DESCRIPTION: Rehabilitation of Al Ghurda Polyclinic in Sebha, Libya	DATE: February 8, 2018
	REFERENCE: RFQ/LBY/SLCRR/2018/006

Dear Sir / Madam:

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 on or before **21 February 2018, 14.00 hours** Tunis, Tunisia time, ref. www.greenwichmeantime.com, and via email/hand delivered to the address below:

United Nations Development Programme
Libya Country Office
Rue du Lac Windermere, Les Berges du Lac, 1053 Tunis, Tunisia
tenders.ly@undp.org

An organized site visit is also arranged on 13 February 2018 at 11:00 hrs. (Libya Time).

Focal Person(s): Ibrahim Abunowarah, Regional Project Coordinator
Phone number: + Libya: (+218) 919990630

Quotations submitted by email must be limited to a maximum of 5MB, 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	Al Ghurda Polyclinic in Sebha, Libya
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit will be held on 13 February 2018 at 11:00 hrs. (Libya Time). Focal Person(s): Ibrahim Abunowarah, Regional Project Coordinator Phone number: + Libya: (+218) 919990630
Period of Validity of Quotes	<u>90 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:0.1% per calendar day Max. limit of delay in :10%
Quotation shall include the following:	<p>a. <u>Cover Letter</u>: A cover letter that lists the lead contact person with contact information, confirmation of acceptance to the General Terms & Conditions for Civil Works (signed/stamped)</p> <p>b. <u>General Information</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.</p> <p>c. <u>Business Licenses</u>: Provide a statement warranting that all state, and local registrations, licenses, and permits required for the operation of business conducted by the firm/company are current.</p> <p>d. <u>Experience</u>: 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>A minimum number of similar 2 contracts (construction/maintenance/rehabilitation) implemented in past. <u>Copies of contracts and completion certificates (handover of work) to be provided.</u></p> <p>e. <u>Project Schedule</u>: An outline of the firm/company's proposed timeline reflecting start and completion dates of works including:</p> <p>f. List of proposed personnel with CV's showing relevant experience and qualification.</p> <p>g. Signed/stamped Annex 2 (<u>FORM FOR SUBMITTING SUPPLIER'S QUOTATION</u>) and Annex 2A (<u>BILL OF QUANTITIES</u>)</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 construction/renovation works: 3 (three).</p> <p>2. Capacity to undertake mixture of the construction and renovation works, including previous experience with same type of works, availability of equipment and materials and current workload.</p> <p>3. The company should have completed at least two contracts of similar nature (construction/renovation/maintenance) with the contract value of USD 100,000.00 for each contract. Copies of contracts and/or completion certificates (handover of work) to be provided.</p> <p>4. Qualifications 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 - shall have a Degree in Civil engineering and minimum of 5 years of experience of work. • Electrical engineer - with a diploma in electrical engineering and minimum of 3 years of experience of work of an equivalent nature. • Plumber with 03 years of experience of work <p>5. Submission of Implementation Timeline/Meeting the works completion deadline of <u>90</u> days or shorter.</p> <p>6. Acceptance of General Terms & Conditions for Civil Works.</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within 90 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	<u>English</u> Documents provided in other languages must be translated into English
Deadline for the Submission of Quotation	On or before 21 February 2018, 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)</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/SLCRR/2018/006</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 that reads 'Basha'.

Ermira Basha,
Operations Manager
UNDP Libya

Scope of Works

Rehabilitation of Al Ghurda Polyclinic in Sebha, Libya

Polyclinic Description

This polyclinic consists of many departments of different specialties on total area of 2460 m², 820*3=2460, divided into three floors, the ground floor was maintained on 31/12/2017 It is currently being received by the Sabha Municipal Council, The second Floor is used for storage, the total area of each roof is 820 m².

The first floor (which is targeted for maintenance) consists of the following:

- 13 rooms as outpatient clinic and administration offices.
- Dental Department: consists of four dental clinics.
- Otorhinolaryngology Department: consists of three clinics.
- General Practitioner's Room.
- Internal Medicine Room.
- Administrations Department: consists of sixteen rooms, meeting room, and archive.
- Bathrooms.
- Small tea Room.
- Corridors.
- Storage room for storage of medical equipment

The contractor will provide and make available all materials, labor, equipment required to complete the works.

Rehabilitation activities are described below:

The works includes various repair works such as plastering, painting, water proofing and other finishing works as per the BoQ

- The polyclinic requires rehabilitation mainly in the broken windows and doors, as well as the change of those windows and doors as detailed in the draft BOQ.
- Repairing of damaged walls
- Repair/replace of Floors are not suitable for medical use, where there are a lot of gaps, cracks and missing parts in some places. As well as ceramics for bathrooms, coffee shops and clinics. Need to be change.
- Decoration and painting : Paint needs to be removed and refurbished in accordance with specifications, (Because of Humidity and other damages).
- Electrical connections: Check the safety of the electrical connections and change the light .and should also be remove and changing air conditioners and changing their electrical connections. Remove the false ceiling and cladding works.
- Maintenance of sanitary network and change of damaged parts.
- Maintenance of stairs (metalwork works - marble works).

The offeror shall make his own inquiries and satisfy himself that the position, size, shape, method of construction, color and usage of temporary buildings and facilities is compatible with all local and national requirements and laws.

All temporary buildings and work areas such as site offices, workshops, and stores shall be constructed only in positions approved by the Client.

Excluding any approval given by the Client to the sitting of any temporary building or facility, responsibility for complying with local and national laws remains with the Contractor.

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/SLCRR/2018/006 - Rehabilitation of Al Ghurda Polyclinic in Sebha, Libya**

Description:	Total (US\$)
Sub-Total For Civil Works	
Sub- Total For Plumbing and Sanitary Works	
Sub- Total For Electrical Air Conditioning Works	
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.

Company Name: _____

Contact Person: _____

Position: _____

Email: _____

Mobile Number: _____

Address: _____

Authorised Signature: _____ Date: _____

BILL OF QUANTITIES

Rehabilitation of Al Ghurda Polyclinic in Sebha, Libya

RFQ Reference No. RFQ/LBY/SLCRR/2018/006

Item	Description	Unit	Qty	Unit Cost in USD	Total Amount in USD
	A - Demolishing and preparatory works:				
	<p>The work shall include and comply with the following:-</p> <p>a. Removing the demolished material off site to authorized dumping sites.</p> <p>b. The dismantled materials are the sole property of the client (in case those materials are required by the Client).</p> <p>c. The contractor shall coordinate implementation of his daily work activities, working hours, throughout the construction period with the client and the supervising engineer for smooth implementation of the work and to avoid interruption of the functioning building.</p> <p>d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles.</p> <p>e. The contractor shall make the necessary temporary water, electrical power connections. Etc. to prevent interruption of the power and water supply for the existing functioning building.</p> <p>f. The contractor shall take all necessary measures to ensure safety of his labor and the existing structures, finishes, utilities, services. Etc. and to minimize environmental hazards including pollution, noise and dust.</p>				
A1	Dismantle and remove ceramic from internal walls and floors tiles in the existing bath rooms, including removal of surplus and preparing surfaces for new tiling works.	SQ.M	165		
A2	Dismantle and remove under floor sewage pipes of any size and remove surplus.	Lin. M	200		
A3	Dismantle and remove the damaged sanitary fixtures including wash basins and kitchen sinks and remove surplus.	Nos	15		
A4	Dismantle and remove damaged eastern W.C. suite or shower pan and remove surplus.	Nos	2		
A5	Dismantle and remove the existing water pipes and fittings of any size and remove surplus.		35		
A6	Dismantle and remove water steel tank.	Nos	2		
A7	Dismantle and remove damaged wooden doors size 1000 X2200 mm, including frames.	Nos	16		
A8	Ditto, but doors size 1450 X 2200 mm	Nos	7		
A9	Dismantle and remove of damaged wooden windows, size 1350 X 1450 mm, including frames.	Nos	16		
A10	Ditto, but windows size 1350 X 2000 mm	Nos	8		

A11	Ditto, but windows size 1350 X1000 mm	Nos	6		
A12	Dismantle and remove damaged steel doors size 1100 X2200 mm, including frames.	Nos	7		
A13	Dismantle and remove electrical water heater.	Nos	15		
A14	Dismantle and remove electrical light unit (fluorescent or any other) for the roofs.	Nos	54		
A15	Demolish and remove damaged floor and roof tiles & walls, including meters etc. below the tiles and preparing surfaces for new tiling works.	SQ.M	1370		
A16	Demolish and remove block work walls, including preparing surfaces for new works.	CU.M	5		
A17	Dismantle and remove air-conditions unit.	SQ.M	15		
A18	Demolish and remove old kitchen Marble size 800 mm*1450 mm with all work necessary with walls attached.	Nos	2		
A19	Dismantle and remove 1 hp water pump,	Nos	2		
	B - Block Works				
B1	Supply & build hollow concrete blocks grade 35 of size 40x20x20cm, built with cement sand mortar (1:3) mix according to technical specification and instructions of the Engineer.	SQ.M	60		
	C - Plastering Works				
C1	Supply and make two coats of plaster for the internal walls and ceiling with cement sand mortar 1:3; all according to specification and the Engineer approval.	SQ.M	150		
C2	Repair cracks in the existing plastered walls and ceilings. The work shall include stripping off 15-20 cm wide plaster along the cracks, filling the cracks with approved filling material, plastering and rendering the surfaces to match the existing finishes, according to technical specifications and Engineer's instructions.	Lin.M	50		
	D - Painting Works				
	All painting materials shall be of high quality approved product complying with the technical specifications and manufacturer's instructions. The work shall include surface preparation for new painting works, including peeling off old damaged paint, filling holes, plaster patching, putty, priming, etc. Type and textures and finishing paint coat shall be similar and matching the existing paint finishing.				
D1	Supply & paint minimum 2 coats colored emulsion paint (Supercryle) on the internal walls. The work shall also include removing the old paints, cleaning, surface preparation and puttying, and all required works, and rendering coats to match the existing paint finishing.	SQ.M	1250		

D2	Supply & apply minimum 2 coats of colored oil based paint walls to match the internal painting. The work shall include surface preparation, under priming, undercoats, sanding, putty; all in accordance with the specifications and the engineer's instructions and approval.	SQ.M	200		
	E - Tiling and Marble Works:				
	The work shall include and comply with the following: Tiles should be of high quality approved product, comply with relevant applicable specifications. Samples should be provided for the Engineer's approval Surface preparation for new tiling works. Tiling pattern and color shall match the existing, as directed by the Engineer. Cleaning and grouting with approved grout.				
E1	Supply and install ceramic tiles (grade A), for walls, according to the specifications and Engineer's instructions.	SQ.M	550		
E2	Supply and install ceramic floor tiles (grade A), size 330mm x 330mm x 8mm thick for floors, laid on 30mm mortar bed, according to the specifications and Engineer's instructions.	SQ.M	820		
E3	Supply and install non- slip ceramic floor tiles (grade A), size 330mm x 330mm x 8mm thick for toilet floors, laid on 30mm mortar bed, according to the specifications and Engineer's instructions.	SQ.M	63		
E4	Supply and install counter for the reception from marble according to the drawings and instructions of the engineer in the main entrance - the entrance of the dental department.	Lum.S	1		
E5	Supply and installation of white marble (carara) for window and stairs. including all required works	M2	97		
E6	Supply and installation of beech Baluster with width of 30 cm and thickness of 5 cm installed on the walls of the corridors and the price includes installation and painting.	M2	53		
E7	Maintenance of stair rails and item includes all works	Lin.M	20		
E8	Supply and install 100 mm high thick ceramic skirting.	Lin.M	365		
	F - Doors, Windows and Metals Works				
	The work shall include supply, fabricate and installation of a high quality doors and windows, in accordance with relevant Standards and or as per the existing doors and windows. The contractor shall submit shop drawings for the approval of the Engineer, prior to fabrication. Rate to include supplying and installing high quality, hardware and accessories.				
F1	Supply and install Swedish wood door, size 1150X 2200 mm, including frames, similar to the existing. The door shall have 2 leaves, made of 20 mm medium density fiber (MDF), stiles and rails from Swedish wood grad1, including door lock with handle, approved paints.	Nos	16		

F2	Ditto, but doors size 1450 X 2200 mm	Nos	7		
F3	Supply and install PS windows of size 1350X 1450 mm including accessories similar to existing, complete as directed by and approved by the Engineer	Nos	16		
F4	Ditto, but windows size 1350 X 2000 mm	Nos	8		
F5	Ditto, but windows size 1350 X 1000 mm	Nos	6		
F6	Supply and installation of Ps aluminum partitions size 6000 mm*2500 mm according to the Engineer.	Nos	2		
F7	Supply and install steel doors size 1100 X2200 mm, including frames. including panting , good quality hardware's and accessories. and approved by engineer.	Nos	7		
F8	Supply and install gypsum false ceiling size 600mm x 600mm, including suspension system and lighting, complete as directed by the Engineer.	SQ.M	250		
	G - Insulation works				
G1	Supply and apply 2 coats of a good quality waterproofing emulsion on concrete surfaces including surface preparation and in accordance with the manufacture's instruction, specification and the Engineer's approval.	SQ.M	50		
1	Total for Civil Works. Carried to summary				
	H - Plumbing & Sanitary Works				
	Plasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must conform in every respect to the requirements of BS 4514. All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed. All sanitary fittings & fixtures shall be ISO certified and approved by engineer Rates for plumbing work shall include for:- Cutting and waste of pipes etc., and joining pipes. All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured separately. Testing and disinfection after completion.				
H1	Supply and install and connect Poly Propylene (PPR) pipes 3/4", for potable water network. The work shall include the needed fittings such as tees, bends, and all related work accessories.	Lin.M	265		
H2	Supply and install and connect Poly Propylene (PPR) pipes 1", for potable water supply. The work includes all needed fittings such as tees, bends, and all related accessories.	Lin.M	170		
H3	Supply, install and flush white vitreous china Eastern W.C. (grade A) suite comply with BS 3402, with 10 liter plastic flushing cistern, good quality chromium plated tap 1/2" including pipes, valves, fittings and all associated accessories.	Nos	3		

H4	Supply, install and flush white vitreous china European W.C. (grade A suite comply with BS 3402), with 10 liter ceramic double action flushing cistern, chromium plated tap 1/2" , including pipes, valves, UPVC drainage pipe connecting to the nearest manhole or sewage header and all associated fittings and accessories.	Nos	3		
H5	Supply and fix white glazed fire clay standing hand wash basin with overflow and single hole faucet, size 480 x 580 mm, made of vitreous china to BS 3402 (grade A), complete with all water supply pipes, good quality chromium plated mixer and waste trap. The work includes all related work accessories and fittings.	Nos	16		
H6	Supply and installation of wash basin pots of pottery, 80 x 45 x 24 cm complete with water mixer and 2 siphons and hot and cold water holders 3/4 ". The category includes a 1 1/2" plastic link, so that the floor will be set to 10 cm thick and all necessary.	Nos	7		
H7	Supplying and installing a 70 x 70 cm bath tub of Chinese white clay, complete with siphon, mixer and shower, all of which are copper plated with chrome. The category includes a 3/4 locker with a coated copper rim and a plastic link of 1/2 1/2 inch to a floor siphon and a 15 x 15 Cm and all that is necessary to stop work.	Nos	2		
H8	Supplying and installing 3 "plastic flushing toilet with movable filter and the category includes delivery to the inspection room and all necessary to make the work done.	Nos	30		
H9	Supply and install high quality electrical water heater, 120 liters capacity, 0.8 Map pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve electrical connections and all required works.	Nos	16		
H10	Supply and install high quality electrical water heater, 80 liters capacity, 0.8 Map pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve electrical connections and all required works.	Nos	4		
H11	Supply and install PVC tank for potable water, of 1000 liters capacity, including the electrical floating valve and all related work accessories and fittings according to the specifications, and Engineer instructions.	Nos	5		
	Supply and install UPVC pipes 1.5" and 10 bar pressure. The work includes all tees, bends, and all related work accessories and fittings.	Lin.M	62		
H12	Supply and install UPVC pipes 2" and 10 bar pressure, The work includes all tees, bends, and all related work accessories and fittings.	Lin.M	50		
H13	Supply, install and connect UPVC pipes 3" and 10 bar pressure, for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	Lin.M	65		
H13	Supply, install and connect UPVC pipes 4" and 10 bar pressure, for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	Lin.M	63		

H12	Supply and fix a good quality 0.5 HP horizontal centrifugal pump, one flange and 50 HZ motor, installed on potable water main to supply the water tank. The work includes all related work accessories and fittings.	Nos	3		
H13	Supply and fix a good quality 1' and 1 HP horizontal centrifugal pump, one flange and 50 HZ motor, installed on potable water main to supply the water tank. The work includes all related work accessories and fittings.	Nos	2		
H14	Supply and installation of mirror, Hand wash basins size 60 * 80 of approved sample.	Nos	16		
H15	Supply and install a High quality water mixer, With the installation of all the necessary supplies to complete the work as required by Engineer.	Nos	25		
Total Sanitary and Plumbing Works.					
I - Electrical and Air-Conditioning Works:					
	Unless otherwise stated, rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order. Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates. Testing and commissioning of the electrical installation is to be carried out by the contractor and cost of such testing and reports to be included in the rates unless otherwise mention separately. All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.				
I1	Supply and install single pole 16 A, 220V, lighting switch, The work include removal of old ones and all required works.	Nos	25		
I2	Ditto, but double pole 16 A, 220 V.	Nos	27		
I3	Supply and fix air of good approved type extractor size 300mm*300mm to replace the old existing air extractors, including all required wiring and accessories according to the engineer instructions.	Nos	4		
I4	Supply and fix plastic covers for electrical junction boxes.	Nos	12		
I5	Supply and install fluorescent lighting fixture 2 X 40 watt with plastic cover, including 120 cm day light lamps, 3 X 2.5 mm2 wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	Nos	20		
I6	Ditto, but 2 X 20 watt water proof type IP 65, for toilets.	Nos	20		
I7	Ditto, but 4 X 20 watt, with reflective face.	Nos	20		

I8	Supply, install and maintain wall mounted inverter split air-conditioners. The price shall include one year Warranty, wiring, electrical connections, drain pipes to the nearest drain points, water proof on-off switch on the external units, galvanized steel holders/stands, opening in walls by coring machine, closing holes with sika sealant, gas and oil charging. The units shall be according to below specifications and the applicable Standards, and as per the following specifications: Capacity-18 000 BTU Pre charged with Eco. Friendly R 410A. Washable screen anti-bacterial filtration Low Ambient Heating Temp. Power supply source-V/Ph/Hz-208-230V-1-60 Hz Air flow volume-m3/h-840 Noise level in door d/B-47 Noise level out door d/B- 53 Air circulation-(H/M/L) -m3/h 850/680/540 Digital, Multi-function LCD Remote Control	Nos	16		
I9	Testing and commissioning of the entire electrical installation in the school (first floor). The work includes - disassembly and removal & Cleaning the building to be ready to accept work and new fixtures. And ensure the quality of the connections and everything necessary to finish the work according to the instructions of the Engineer.	Lum.S	1		
3	Total for Electrical and Air conditioner works.carried to summary				

Section	Bill Of Quantities Sections Summary	Amount USD
1	Sub-Total For Civil Works	
2	Sub- Total For Plumbing and Sanitary Works	
3	Sub- Total For Electrical Air Conditioning Works	

Summary	
	Amount in USD
Grand total in words USD	
Name of the contractor:	
Signature and stamp of the contractor	
Date:	



Annex 3

Specifications

Attached



Annex 4

UNDP General Conditions of Contract for Civil Works

Attached