

REQUEST FOR QUOTATION (RFQ)

(Works)

DESCRIPTION: Rehabilitation of Health Centre Building in Sabratha, Libya	DATE: April 6, 2018
	REFERENCE: RFQ/LBY/SLCRR/2018/015

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 **22 April 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 12 April 2018 at 11:00 hrs. (Libya Time).

Focal Person(s): Eng. Tawfeak Alghanoudi, Civil Engineer
Phone number: +218913706873

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	Health Centre Building in Sabratha, Libya
Preferred Currency of Quotation	United States Dollars (US\$)
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.
Site visit will be held on	An organized site visit is also arranged on 12 April 2018 at 11:00 hrs. (Libya Time). Focal Person(s): Eng. Tawfeak Alghanoudi, Civil Engineer Phone number: +218913706873
Liquidated Damages	Will be imposed under the following conditions: Percentage of contract price per day of delay: 0.33% 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>: Interested bidders must have appropriate permission/registration from relevant Government body to operate in Country (copy of valid registration must be provided with the bid);</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 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:</p> <p>f. <u>List of Proposed Personnel</u>: 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: 2 (two)</p> <p>2. Capacity to undertake the construction works including previous experience with same type of works and services, work plan, availability of equipment and materials and current workload.</p> <p>3. The company should have completed at least two contracts with the contract value of USD 100,000 for each contract. <u>(Copies of contracts and completion certificates (handover of work) to be provided)</u></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 University Degree in Civil engineering and minimum of 5 years of experience of work of an equivalent nature and volume. • Electrician - with a diploma in the relevant field and minimum of 3 years of experience of work of an equivalent nature. • Plumber - with a minimum of 3 years of experience of work of an equivalent nature. <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 120 days from the award of contract. Offeror's technical approach shall fully comply with the specifications and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	English
Deadline for the Submission of Quotation	On or before 22 April 2018, 14.00 hours Tunis, Tunisia time, ref. www.greenwichmeantime.com
Partial Quotes	Not permitted
UNDP will award to	One and only one supplier
Type of Contract to be Signed	Contract for works
Conditions for Release of Payment	Submission of suppliers invoice and acceptance/certification by UNDP Engineer.

Annexes to this RFQ	<p>SOW (Annex 1)</p> <p>Form for Submission of Quotation including the BOQ (Annex 2)</p> <p>General Terms and Conditions for Civil Works (Annex 3).</p> <p>Non-Acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>
Contact Person for Inquiries	<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/2018/015</p> <p>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 'Ermira Basha'.

Ermira Basha,
Operations Manager
UNDP Libya

Scope of Work

Rehabilitation of Health Centre Building in Sabratha, Libya

BACKGROUND:

UNDP's project 'Strengthening Local capacities for Resilience and Recovery' is a three-year EU funded initiative, aiming at supporting local authorities in Libya to respond to the many conflict and human mobility induced challenges - by strengthening the local resilience and recovery mechanisms - that impact negatively citizens' access to essential services, sources of livelihoods, the social cohesion and security of communities.

The project aims at responding to the many conflict and human mobility induced challenges - by strengthening the local resilience and recovery mechanisms - that impact negatively citizens' access to essential services, sources of jobs and livelihoods, the social cohesion and security of communities. Target beneficiaries are host communities – including internally displaced persons (IDPs) and returnees – migrants and refugees.

The project is built around 3 outputs: (1) Better provision of basic services at local level and increase access for most vulnerable groups from host communities - including Internally Displaced Populations (IDPs) and returnees - as well as migrants and refugees is ensured; (2) Local authorities and administrations are supported in fulfilling their role and responsibilities with a focus on enforcing local stability and community security (3) Local economic recovery/development, including job creation and livelihoods are supported.

The project – which will be implemented through conflict-sensitive approach - will offer support to local actors in achieving concrete results in three areas: 1) service delivery; 2) social cohesion and community security; and 3) livelihoods and local economic recovery/development. Within the second output, the project will support local governments to enhance local stability and security for the entire population in the selected locations. Strengthened collaboration between local authority staff, immigration officials and rule of law institutions is needed to effectively identify potential victims, provide necessary assistance to current victims.

PROJECT DESCRIPTION:

Sabratha Health Center is located in the Sabratha city center of residential area, located in 12°29'6.02"E and 32°47'28.86"N that had suffered a fighting during the last war, which led to some destruction/damages in this area.

This Health Center is one story building and consists of some offices, policlinics, medical laboratory, and chemist/pharmacy on total roofing area of the building about 500 m2, one floor building.

Location Map and Photo of the Centre:



Required work

The Health Center building rehabilitation work requires mainly cast new reinforced concrete as shelter, repair walls/structures elements plastering, broken windows with classes, doors broken, repainting the walls, all these provisions are indicated as detailed in the draft BOQ.

The management offices, polyclinic offices, medical laboratory Pharmacy, wound healing room's doors and windows needs to be replaced.

Below are the important and summary of the required rehabilitation works, for more detail refer to BOQ, the work shall include but not limited to the following:

- A - Demolishing, Dismantling and Preparing
- B - Concrete Works
- C - Block Works
- D - Waterproofing system provisions
- E - Plastering Works
- F - Painting Works
- G - Tiling and Marble Works
- H - Doors, Windows, Metal Works, and Suspending Ceilings
- J- Plumbing & Sanitary Works
- K -Air Conditioner Works
- L- Electrical Works.

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/2018/015– Rehabilitation of Health Centre Building in Sabratha, Libya**

Summary		
Bill	Description	Amount USD
1	Sub-Total for Civil Works	
2	Sub-Total for Plumbing and Sanitary Works	
3	Sub-Total for Air Conditioner Works	
4	Sub-Total for Electrical Works	
Grand Total in USD		

Currency: USD

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

RFQ Reference No. RFQ/LBY/SLCRR/2018/015

Project Title: Rehabilitation of Health Centre Building in Sabratha, Libya

Location: Sabratha City, Libya

Currency: USD

Item	Description	Unit	Qty	Unit rate in USD	Total amount in USD
	A - Demolishing and Preparing				
	<p>The work shall include and comply with the following:</p> <p>a. Removing of demolished material off site to authorized dumping sites.</p> <p>b. The dismantled material is the sole properties of the client (in case those material 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.</p> <p>d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles, etc.</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 protect and minimize environmental hazards including pollution, noise and dust.</p>				
A1	Demolish and remove damaged masonry block work, including preparing surfaces for new block works, as directed by Engineer.	CU.M	45		
A2	Demolish and remove roof tiles including mortar and preparing surfaces for new tiles works.	SQ.M	500		
A3	Demolish and remove the damaged water proofing membrane on the roof including cleaning preparing surfaces for new water proofing membrane works, as directed by Engineer.	SQ.M	500		
A4	Demolish and remove concrete screed for rainwater drainage, cleaning including preparing surfaces for new concrete screed works, as directed by Engineer.	SQ.M	500		
A5	Dismantle and remove floor tiles of the existing WC's and kitchen, including mortar beds, lean concrete, seats, sewage pipes, cleaning and preparing surfaces for new tiling works, as directed by Engineer.	SQ.M	30		
A6	Dismantle and remove for wall tiles for the existing WC's and kitchens, including cement mortar; sewage pipes; water supply pipes, cleaning and preparing surfaces for new works, as directed by Engineer.	SQ.M	140		
A7	Dismantle and remove the Marble skirting, including cement mortar, cleaning, and preparing surfaces for new works, as	Lin.M	350		

	directed by Engineer.				
A8	Dismantle and remove sanitary fixtures and piping in the existing WC's. The work shall include removal of all WC suits, wash basins, flush tank, water heater, accessories, pipes, etc., cleaning, and preparing surfaces for new works, as directed/instructed by Engineer.	LS	1		
A9	Dismantle and remove the existing pipes and fittings for the water supply, sewage and drainage installed on external wall, complete, including cleaning and preparing surfaces for new works, as directed/instructed by Engineer.	LS	1		
A10	Dismantle and remove aluminum doors and windows (the good doors and windows should be handled to client for re-use), cleaning and preparing surfaces for new works, as directed by Engineer.	SQ.M	15		
A11	Dismantle and remove double wooden windows including the frame and steel hinges and all related accessories and to hand over the good windows to client to reused, cleaning and preparing surfaces for new works, as directed/instructed by Engineer.	SQ.M	21		
	B - Concrete Works				
B1	Supply and cast smoothed finish slopped concrete screed on the roof for rain water drainage, the minimum thickness of the screed should not be less than 5 cm at the roof drains. The concrete shall have a mix of 200 kg cement 1M3 sand and 1M3 fine aggregate. The price shall include cost of all material and workmanship for completing the work.	SQ.M	500		
B2	Supply and cast 15 cm thick suspended slab grade C35 to cover the existing space between the existing two buildings of the center (to shade the space area which will be used by clinic visitors). The price shall include all required works for the complete erection of a safe structure in accordance with Standards and the Engineer instruction and approval. The price shall include casting of the supporting columns, beams, connections and anchorage of the of the new structure with the parapets of the existing roof and the required steel reinforcement. complete. The price shall also include the needed finishing works such as masonry, plastering, painting, and fixing the sign board of the clinic. The contractor shall submit detailed design drawings for the Engineer prior approval.	LS	1		
	C - Block Works				
C1	Supply & build hollow concrete blocks, size 40x20x20cm, built with cement sand mortar (1:3) mix according to technical specification and instruction of Engineer.	CU.M	20		
C2	Supply and install high approved quality of concrete paver interlocking floor tiles 8cm thick, including surface preparation, sand beds, compactions, grouting; all according to relevant specification and Engineer's instructions.	SQ.M	400		

	D- Waterproofing				
D1	Supply and install one layer of high quality 4 mm thick bituminous water proofing membrane for the roof. The work shall include priming, testing and all necessary work in accordance with the technical specification.	SQ.M	550		
D2	Supply and install two coats of approved water proofing layer, similar to Sika product or equivalent, below the floor tiles of the WC's and Kitchens. The price shall include cement sand screed layer, surface preparation and testing, complete	SQ.M	40		
	E - Plastering Works				
E1	Supply and apply two coats of cement sand plaster on the internal walls and ceilings to match the finishing of the existing plastered surfaces. The work shall include fixing of metal/plastic net/lath at the joints; all according to the specification and Engineer approval.	SQ.M	200		
E2	Supply and apply 2 coats, 15 mm thick cement sand plaster on the external walls and facades to match the finishing of the existing plastered surfaces. The work shall include fixing of metal/plastic net/lath at the joints; all according to the specification and Engineer approval.	SQ.M	50		
	F - Painting Works				
	a. Painting works shall comply with the manufacturer's instructions and specifications. b. Painting material shall be of high quality and approved products. c. Painting to be carried out on new or old surfaces. The work includes, peeling off old defective paint, batching, puttying, sanding, and surface preparation; all in accordance with specification and the Engineer's instructions.				
F1	Internal Walls and Ceilings Emulsion Paint: Supply & apply minimum 2 coats of colored emulsion paint 'Supercryle' on the internal walls and ceilings. The work shall include surface preparation, priming, sanding and finishing the surfaces to match the existing wall finish; all in accordance with the specifications and the Engineer's instructions and approval.	SQ.M	800		
F2	Oil Based Paint: Supply & apply minimum 2 coats of colored oil based paint walls to match the existing 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		
F3	Graphite paint for entrances: Supply & apply Graphite paint for entrances and external walls, facades. The work shall include surface preparation, bonding priming, and sanding, all in accordance with the specifications and the Engineer's instructions and approval	SQ.M	500		
	G - Tiling and Marble Works				
	a)The work shall include surface preparation for tiling works, sand cement mortar, finish to falls, special tile pieces, grouting and cleaning; all as per specifications and the				

	Engineer's approval.				
G1	Supply and install a high quality 8mm thick non-slip porcelain floor tiles. The price shall include grouting and all needed works, complete in accordance with specifications and engineer signature.	SQ.M	410		
G2	Supply and install high quality 55 mm thick porcelain wall tile. The price shall include grouting and all needed works, complete in accordance with specifications.	SQ.M	150		
G3	Supply and install of a high quality 20 mm thick marble frames for doors and windows opening, install with cement mortar, including removing the existing damaged frames and surface preparation.	SQ.M	167		
G4	Supply and install of a high quality colored marble 12 mm thick for cladding the entrance walls and facades.	SQ.M	80		
G5	Supply and install marble skirting, 20 mm thick and 160mm Height.	Lin.M	25		
G6	Supply and install 30 mm thick marble for threads of steps.	SQ.M	5		
G8	Supply and install 30 mm marble for step risers.	SQ.M	2		
	H - Doors, Windows and Metals Works				
	The work shall include: a)supply, fabricate and installation of doors, windows, made out of grade 1 timber to be finish as per relevant applicable Standards. B) Rates shall include fixing frame, door sash / window casement brass fixing screws, and lock sets with 3 keys. c) Preservative treatment for back of door & door frame in contact with masonry. d) Unless otherwise stated all surface of timber doors & windows and casements and door sashes shall be applied with two coat of wood preservative, two coats of prime, two coats of approved paint, paint type and finishing shall be similar to the paint finishing of the existing doors and windows.				
H1	Supply and install a solid double leaves wooden doors for main entrance. The price shall include frame, high quality hardware, and door lock with handle. The price shall also include painting the door and frame, complete as instructed and approved by the Engineer.	SQ.M	7		
H2	Supply and install interior single leaf PVC doors , white color doors grade 1 of average size 220 X 120 cm, including frame, high quality hardware, door lock with handle, all as directed and approved by the Engineer.	SQ.M	76		
H3	Supply and install aluminum ceiling, similar to the existing, including the suspension system, complete.	SQ.M	180		

H4	Supply and install PVC white color windows with frame (grade 1), with high quality hardware and accessories including, locks, handle, glass, all as directed and approved by the Engineer.	SQ.M	60		
H5	Supply and install steel metal fence, similar to the existing and to the Engineer approval. The price shall include the cost painting and all the needed works to complete fixing of the new fence	SQ.M	60		
H6	Supply and apply security steel bars for windows, similar to the existing; in accordance to specifications and Engineer instructions.	SQ.M	60		
H7	Supply and apply curtain wall for window openings, in accordance to specifications and Engineer instructions.	SQ.M	50		
1.00	Total for Civil works.carried to summary				
	J - Plumbing & Sanitary Works				
	<p>Plasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of BS</p> <p>All fittings and pipe specials used in the plumbing installation shall be suitable <u>plumbing work shall include for:-</u></p> <p>All fittings such as elbows, bends, tees, junctions, plugs, Connecting pipes to sanitary fixtures and appliances. Connecting of different types of pipes. Testing and disinfection after completion. Excavation, backfilling, disposal of surplus off site.</p> <p><u>Rates for sanitary fittings shall include for:-</u></p> <p>Fittings such as taps, waste water outlet, internal overflows etc. and supporting brackets, incidental materials for fixing, unless otherwise measured separately. Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order on completion. Jointing and connecting of pipes to sanitary fittings. Testing and commissioning of the installation.</p> <p><u>Rates for drainage work shall include for :-</u></p> <p>Excavation, backfilling, disposal of surplus soil All pipe specials such as bends, junctions, elbows, tees etc. Connection to sides of manholes. Giving notices, obtaining permits, paying fees, fixing, testing and commissioning. Supply and install PVC hard plastic pipes for underground installation, for exposure PVC pipes shall be 10 bar in pressure, the work include all necessary fittings; elbows, tees, cast concrete surrounding the pipes, and accessories prior to complete the work in good quality for the sewage and rain drainage networks with various diameters as follows:-</p>				
J1	PVC pipes, Diameter 4 inch	Lin.M	25		
J2	PVC pipes, Diameter 6 inch	Lin.M	30		

J3	Supply and install high quality 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 16mm, chromium plated mixer and waste trap. The work includes all related work accessories and fittings.	No.	8		
J4	Supply and install dishes washing basin made of glazed fire clay with dimension 120X60X20 cm, complete with all water supply pipes 16mm, sensitive faucet and waste trap. The work includes all related work accessories and fittings.	No.	2		
J5	Supply and install of a high quality Western W.C. suite with flushing tank made of glazed fire clay, including all required fittings and accessories, complete and in accordance to specification and Engineer instructions.	No.	6		
J6	Supply and install eastern W.C. suite including Vitreous China flushing tank and all required fittings and accessories, complete.	No.	2		
J7	Water Flushing Washing Hose for W.C's: Supply and install of high quality water flushing washing hose for W.C's. the work include all associated accessories such as valves removing existing damaged ones according to specification and Engineer	No.	6		
J8	Supply and install of a high quality white glazed 100*100 cm fire clay foot shower for bath, the work include high quality mixers, pipes , and valves, all related work accessories and fittings and removing old/existing ones according to Engineer instructions.	No.	2		
J9	Supply and installation of a high quality marble top 30mm thick the counter of 120X60 cm.	No.	1		
J10	Supply and install high quality chromium plated waste trap, including the cover with dimensions 10X10 cm, including removal of old ones, as directed by Engineer.	No.	8		
J11	Supply and install water supply cold/hot pipes with diameter 1 inch, type P.P.R, the work include all necessary connections and fittings.	Lin.M	40		
J12	Supply and install 3/4 inch P.P.R valves.	No.	10		
J13	Supply and install water copper chrome plated faucet 3/4 inch. The work includes all necessary connections.	No.	2		
J14	Supply and fix electrical water heater best quality and approved, 80 liter capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve, electrical connections, as directed by Engineer	No.	6		
J15	Supply and install high quality electrical water heater quality, 50 liter capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve, electrical	No.	1		

	connections, as directed by Engineer				
J16	Supply and cast concrete manholes of dimensions 60X60 cm of an average depth 120 cm. The price includes; cement plastering, benching, excavation, backfilling, cast-iron cover 60 kg weight.	No.	5		
J17	Supply and install 2000 liter plastic tank for potable water size 2000 liters including floating valve, stop valves, piping connections and all related work accessories.	No.	1		
	Total Sanitary and Plumbing Works				
	K -Air Conditioner Works:				
K1	Supply, install and maintain high quality 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: Supply and install Air conditioning split units of 12 HP, Capacity-12 000 BTU, The work includes connection to the electric power supply and all related work accessories and fittings.	No.	15		
	Total Air Conditioner Works. Carried to Summary				
	L -Electrical Works:				
	a. Unless otherwise stated in Bill of Quantities the work shall include all supply and installation of all necessary materials (cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order. b. 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. c. All types of fittings, materials, painting and finishes shall be high quality comparable and match the existing and comply with relevant standards approved by the Engineer. d. Supply and install copper electrical wires protected/covered by plastic, tested up to 750 V in accordance with the international standard/specification, the work shall include removing the existing/damaged electrical wires and collect them on site as follows:				
L1	Supply and installation of high quality Single pole or two way light switch, 16 Amps .	No	19		
L2	Supply and installation of high quality double pole or two way light switch, 16 Amps .	No.	14		

L3	Supply and installation of the high quality of single pole 10 A, 220V, socket outlet. The work includes the Grounding system and removal of old ones as directed by Engineer.	No.	40		
L4	Supply and install high quality of single pole 16 A, 220V, socket outlet. The work includes the Grounding system and removal of old ones as directed by Engineer.	No.	25		
L5	Supply and install high quality of external/exposure anti-moisture single pole 16 A, 220V, socket outlet. The work includes the Grounding system and removal of old ones as directed by Engineer.	No.	6		
L6	Supply and installation of electrical wire system for heaters and air conditioning units , connection to main Electrical Distribution Panel and Grounding system , the price include Grounding system wire inside PVC conduits of suitable diameter embedded in the wall by plastering, installation, batching repair, steel/plastic mesh, distributing boxes and all needed tasks to complete the work in good quality as per specification and Engineer instruction.	No.	20		
L7	Supply and installation of complete Telephone outlets, including telephone Wire/cable (2X2X0.6) connected to main distributing box, all required to complete the work in accordance specification and Engineer instruction.	No.	12		
L8	Supply and installation TV network, including TV copper wire/cable (75 ohm) connected to main distributing box, all required tasks to complete the work in accordance specification and Engineer instruction.	No.	12		
L9	Supplying and installation IT networking for , including Internet cables(CAT 6) IT Double Sockets, connected to main service provider box , all required tasks to complete the work in accordance specification and Engineer instruction.	No.	12		
L10	Supply and apply Telephone cables (2X2X0.6) connected to main distributing box, all required tasks to complete the work in accordance specification and Engineer instruction.	Lin.M	300		
L11	Supply and install Exhaust fan, size (30X30 cm), including all required tasks to complete the work in accordance specification and Engineer instruction.	No.	10		
L12	Supply and apply main distribution electrical panel (MDP) Powdered coated with switch breaker of three phases 400Amps, that include Voltage difference indicator, current gage, main and other breakers for the system and all required tasks to complete the work in accordance specification and Engineer instruction.	No.	1		
	Supply and install copper Wires/cables, in accordance to specification and Engineer instructions as follows:-				
L13	Supply and PVC install electrical cable size (4X6) mm PVC/PVC Insulated	Lin.M	120		
L14	Cable size (3X16) mm PVC/PVC Insulated	Lin.M	112		

L15	Supply and installation of copper cable size (10mm) for Grounding system to be connected to distribution panels, in accordance to specification and Engineer instructions.	Lin.M	120		
L16	Supply and installation of fluorescent lighting fixture in the false ceiling, similar to the existing, 2 X 40 watt with plastic cover grade A, including 120 cm day light lamps, 3 X 1.5 mm ² wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories and work to complete the job.	No.	50		
L17	Supply and replacing and installation of new complete side lighting units, wiring and switches for corridors/hallways the Price include all wiring , required switches and all need material and tasks to complete the job as per Engineer instruction	No.	10		
L18	Supply and installation of Electrical Sub Distribution panel with 40 Amps circuit breaker ,12 distribution circuit breakers including all grounding system Copper bar and switches distributed bar, single pole or three poles.	No.	2		
L19	1 inch, 2 HP Submerged Pump: Supply and install high quality, diameter 1 inch 2 HP submerged pump, to supply the water tank. The work includes connection to the existing water network and the electric power supply and all related work accessories.	No.	2		
	Total for Electrical works carried to summary				

Summary	
Description	Amount in USD
Sub-Total for Civil Works	
Sub-Total for Plumbing and Sanitary Works	
Sub-Total for Air Conditioner Works	
Sub-Total for Electrical Works	
Grand Total	
Grand total in words USD	
Name of the contractor:	
Signature and stamp of the contractor	
Date	

Specifications

Attached

UNDP General Conditions of Contract for Civil Works

Attached