

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

<b>DESCRIPTION: Rehabilitation of Alnawwaqiah Water Pump Station, Benghazi City, Libya.</b>	<b>DATE: October 22, 2019</b>
	<b>REFERENCE: RFQ/LBY/SLCRR/2019/132</b>

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 **05<sup>th</sup> November 2019 at 14:00 hours** Tunis, Tunisia time, ref. [www.greenwichmeantime.com](http://www.greenwichmeantime.com) and via email at [tenders.ly@undp.org](mailto: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 28<sup>th</sup> October 2019 at 10:00 hrs (Libya Time)

Focal Person(s): Mohamed Shembesh, Regional Project Coordinator Mobile No. +218911011012; and Walid Mughrabi, Civil Engineer; Mobile No. +218925302129

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	Alnawwaqiah Water Pump Station, Benghazi City, Libya.
Preferred Currency of Quotation	United States Dollars (US \$)
Site visit	An organized site visit is arranged for 28 <sup>th</sup> October 2019 at 10:00 hrs (Libya Time)  Focal Person(s) Mohamed Shembesh, Mobile No. +218911011012; and Walid Mughrabi, Mobile No. +218925302129
Period of Validity of Quotes	<b><u>120 days</u></b> - commencing on the submission date 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 &amp; 2A (FORM FOR SUBMITTING SUPPLIER'S QUOTATION – Annex 2) and (BILL OF QUANTITIES – Annex 2A)</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 (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"> <li>• Civil Engineer/Project Manager - shall have a Degree in Civil engineering and minimum of 3 years of experience of work.</li> <li>• Electrician - with a minimum of 3 years of experience of work.</li> <li>• Plumber - with a minimum of 3 years of experience of work.</li> </ul> <p>4. Submission of Implementation Timeline/Meeting the works completion deadline of 90 days.</p> <p>5. Acceptance of General Terms &amp; Conditions for Civil Works.</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within <b>90 days</b> 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>  <b>Documents provided in other languages must be translated into English</b>



Deadline for the Submission of Quotation	On or before 05 <sup>th</sup> November 2019 at 14:00 hours Tunis, Tunisia time, ref. <a href="http://www.greenwichmeantime.com">www.greenwichmeantime.com</a>
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 &amp; 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 <a href="mailto:procurement.ly@undp.org">procurement.ly@undp.org</a> stating the RFQ reference number: RFQ/LBY/SLCRR/2019/132.</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](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 'Shohrukh Abdulloev', is written over the typed name.

Shohrukh Abdulloev  
Procurement Specialist,  
UNDP Libya

## Scope of Work

### Rehabilitation of Alnawwaqiah Water Pump Station, Benghazi City, Libya

#### Background:

Alnawwaqiah is a middle size village which is located on the southern boundary of Benghazi city. It has been recently accommodated under Benghazi municipality administration. The village is 8 KM far from Benghazi's cement factory. The village accommodate around 10,000 inhabitants and its major activity is agricultural, livestock rearing and traditional crafts sectors.

#### Pump Station Descriptions:

The pump station consists of a pump house, elevated water tank, two administrative buildings, well No.1 and No.2 rooms, operators' room, guard room, generator room, warehouse, kitchen, toilets and a surrounding wall.

The pump station is located in the Northern West part of Alnawwaqiah with the following GPS coordinates 31.932006 Northing & 20.170924 Easting respectively.

Due to the lack of maintenance for more than ten years, the station has been moderately damaged and need to be totally rehabilitated.

#### Required Works:

The required works that need to be done are mainly the normal civil works which includes demolishing of three rooms made of masonry work, demolition of one 5x5 m water tank, dismantling the corrugated sheet on the warehouse roof.

The work also includes plastering and painting works. The whole windows and doors need to be either repaired or replaced. There is a big area around the elevated water tank that need to be paved to stop water seepage beneath the tank which might affect the tank foundations. New aluminum doors and PVC windows in addition to the metal protection doors need to be supplied and installed as they are either damaged or stolen.

The kitchen and toilet are in very bad shape and new basins, sinks including water mixers, and toilet seats need to be installed in addition to the water network of the building that needs to be taken care of by replacement of the existing punctured water lines and water tanks. The floor and wall ceramic tiles are all damaged need to be replaced.

Most of the lighting fixtures are missing in addition to electrical panels and switches which need to be replaced. Installation of new air-conditioning is required for more comfort for operators.

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 preparation works
- B- Concrete works
- C- Plastering, painting and coating works
- D- Doors, windows and metal works
- E- Waterproofing and insulation works
- F-Plumbing and sanitary works
- E-Electrical works



## Project Location



# 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/2019/132 - Rehabilitation of Alnawwaqiah Water Pump Station, Benghazi City, Libya.**

Description:	Total (US\$)
Total work for <b>Rehabilitation of Alnawwaqiah Water Pump Station, Benghazi City, Libya.</b> (as per priced BOQ-Annex 2A)	
<b>Grand Total:</b>	

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 Alnawwaqiah Water Pump Station, Benghazi City, Libya**

**RFQ Reference Number: RFQ/LBY/SLCRR/2019/132**

S.N.	Item Description	Unit	Qty	Rate (US\$)	Amount (US\$)
<b>1</b>	<b>Demolishing, Dismantling and Preparation Works</b>				
1.1	Cleaning and clearing the work site and perimeter. The work includes removal of unwanted trees and weeds and transportation of excess materials to dump area as per received instructions. This item is for the whole pump station premises	LS	1		
1.2	Demolishing the existing three rooms built of masonry works only with a maximum size of 4 x 4 m. The work includes transportation of demolished materials to approved dump area as per consultant engineer instructions	LS	1		
1.3	Demolishing the existing water tank made by concrete. The demolishing works shall be done using hand tools to minimize vibration which might affect adjacent foundations. The tank should be demolished up to the ground level and the work includes transportation of demolished materials to approved dump area as per consultant engineer instructions	LS	1		
1.4	Demolishing the existing corrugated sheet roof on the warehouse building. The work includes transportation of demolished materials to approved dump areas as per consultant engineer	m2	100		
1.5	Dismantle the existing wooden doors. The item includes transportation of demolished materials to approved dump areas as per consultant engineer	no	5		
1.6	Dismantle the existing metal windows. The item includes transportation of demolished materials to approved dump areas as per consultant engineer	no	20		
1.7	Demolishing the existing ceramic tiles for floors and walls. The work includes preparation of the surface to receive new ceramic and transportation of demolished materials to approved dump areas as per consultant engineer	m2	70		
<b>2</b>	<b>Concrete Works</b>				
2.1	Supply and cast C30 Concrete for solid slabs. The price shall include modifications and adjustments on the four sides of masonry work in terms of level and all required electrical conduits that need to be embedded in the slab, the required steel reinforcement (one layers of 14 mm diameter bars (5 bars/meter at two directions), shuttering, formworks, required bonding agent and curing and all the necessary to complete the work as per the consultant engineer instructions	m3	15		



2.2	Paving the areas around the water tank and inside the ware-house building with 10 cm thick C20 concrete with joints of 2 cm width. The work includes all necessary task to complete the work including sub-grade preparation and site levelling as per consultant engineer instructions	m2	500		
<b>3</b>	<b>Plastering, Painting and coating Works</b>				
3.1	Supply and apply two layers of cement plastering for the Internal walls and ceilings. The first layer shall be cement sand mortar (1:3) and the second layer of 350 kg cement and 580 kg lime stone powered + 1170 Kg sand + marble powder. The item includes all the necessary task to complete the work as per consultant engineer instructions	m2	300		
3.2	Supply and apply 3 coats of high-quality emulsion paint "Supercryle" (of approved product such as Scab, PA chin or GLC) for internal walls and ceilings. The price includes removal of the damaged old paint where applicable, surface preparation and applying of paste and priming (primary coat) and two final coats as per the site engineer instructions	m2	1000		
3.3	Supply and apply 2 coats of high-quality weather shield paint (of approved product such as Scab, PA chin or GLC) for the elevated tank. The price includes all necessary scaffolding, removal of the damaged old paint where applicable, surface preparation and applying of paste and priming (primary coat) and two final coats as per the site engineer instructions	m2	1300		
3.4	Supply and apply 3 coats of high-quality weather shield paint (of approved product) for all buildings. The price includes repair the existing damaged parts on the existing paint with similar type, surface preparation and applying of priming (primary coat) and two final coats. The work includes scaffolding and all the necessary to complete the work as per the site engineer instructions	m2	900		
3.5	Supply and install high quality anti-slippery ceramic tiles (Spanish type or equivalent to be approved after supplying 3 samples to the consultant engineer) for kitchen, toilet and pump room floors. The price includes all required materials to fix the ceramic such as glue, mortar, grouting with selected colour and skirting and all the necessary to finalize the work as per the site engineer instructions	m2	35		
3.6	Supply and install high quality ceramic tiles (Spanish type or equivalent to be approved after supplying 3 samples to the consultant engineer) for toilet and kitchen walls. The price includes all required materials to fix the ceramic such as glue, mortar and all the necessary to finalize the work as per the site engineer instructions	m2	30		

3.7	Supply and install of 2 cm thick, 20 cm width marble doors and window frames (Carrara or equivalent to be approved after supplying 3 samples to the consultant engineer) the color should be homogeneous and free of any defects such as hairy cracks. The frames should be fixed with cement mortar and the item includes all the necessary to complete the work as per consultant engineer instructions	LM	90		
3.8	Supply and install high quality marble skirting 10 cm height and 1 cm thick (Carrara or equivalent to be approved after supplying 3 samples to the consultant engineer) for offices and halls. The price includes all required materials to fix the skirting such as glue, mortar and all the necessary to finalize the work as per the site engineer instructions	L.M	30		
<b>4</b>	<b>Doors, Windows and Metal Works</b>				
4.1	Supply and install high quality aluminum doors of PS type (ALFANIA PROFILE). The item includes supply and installation of all accessories such as locks, cylinders, hinges, handles, etc. The work includes also supply and installation of glass panels (as and where required) and all the requirements according to the relevant specifications and the consultant engineer approval	m2	10		
4.2	Supply and install high quality windows of PVC type (BRIGHT PROFILE with embedded steel profiles reinforcement). The item includes supply and installation of all accessories such as locks, cylinders, hinges, handles, etc. The work includes also supply and installation of glass panels (as and where required) and all the requirements according to the relevant specifications and the consultant engineer approval	m2	23		
4.3	Supply and install new metal protection bars for windows. The price includes all the necessary locks, hinges, cylinders, etc. The price also includes reinforced glass panels (as and where necessary) and painting with primary coat and 3 finish coats as per required colours and as per consultant engineer instructions	m2	25		
4.4	Supply and install new steel doors. The price includes all the necessary locks, hinges, cylinders, etc. The price also includes reinforced glass panels (as and where necessary) and painting with primary coat and 3 finish coats as per required colours and as per consultant engineer instructions	m2	26		
4.5	Repair the existing louvers at the generator room. The work includes installation of missing/damaged parts including handles, locks, hinges, etc and removal of existing damaged glass/metal panels (if any) and installation of new ones like existing (like for like). The work includes removal of entire old paint and rust, painting with approved metal paint including anti-rust primer coat, under coat and the finish coat and all the required works according to the applicable specifications and consultant engineer instructions	m2	5		



4.6	Replacing the existing roller shutter door in the generator room. The price includes dismantling the old one and installation of new one including all the necessary locks, hinges, cylinders, etc. the price also includes painting with primary coat and 3 finish coats as per required colours. The item includes all the necessary task to complete the work as per consultant engineer instructions	m2	8.5		
4.7	Repair the existing steel doors. The work includes installation of missing/damaged parts including handles, locks, hinges, etc and removal of existing damaged glass/metal panels (if any) and installation of new ones like existing (like for like). The work includes removal of entire old paint and rust, painting with approved metal paint including anti-rust primer coat, under coat and the finish coat and all the required works according to the applicable specifications and consultant engineer instructions	m2	23		
5	<b>Waterproofing and Insulation Works</b>				
5.1	Installation of waterproofing membrane on the roof. Waterproofing membrane shall be applied with two layers of 4mm thick and minimum of 4.5 Kg/m2 reinforced with polyester fibres. Bituminous membrane shall be laid fully torched on blinding concrete with minimum of 100mm end laps and 150mm side laps. The rate includes removal of the old waterproofing layers, preparation of the surface and the installation of skirting all over the building parapet.	m2	200		
6	<b>Plumbing and Sanitary Works</b>				
6.1	Replacement of the existing internal water network including the main feed lines to the kitchen and toilet building. Material should be of at least 10 bar PPR pipes of "Kale type". The item includes all required fittings such as bends, tees, elbows, valves, etc. The work also includes dismantling works of the existing network and transportation of materials to dump area and all the necessary task to complete the work as per consultant engineer instructions	LS	1		
6.2	Replacement of the existing internal sewage water network including the connection to the nearest manhole. Material should be of "Smart Home" or equivalent. The item includes all required fittings such as bends, tees, elbows etc. The item also includes dismantling works of the existing sewage network and transportation of materials to dump area and all the necessary to complete the work as per consultant engineer instructions.	LS	1		
6.3	Supply and install 80 liters water boiler of high quality (Ariston or equivalent). The price includes all the necessary tubes, bends, valves and connections as per the site engineer instructions	no	2		



6.4	Supply and install high quality wash basins size 48x58 cm including chrome plated mixer of GROHE or FIORE type, soap dispenser, feeding tubes, valves, drainage connections and accessories, complete.	no	1		
6.5	Supply and install high quality tub including chrome plated shower mixer of GROHE or FIORE type, soap dispenser, feeding tubes, valves, drainage connections and accessories, complete.	no	1		
6.6	Supply and install high quality kitchen sink including the holder marble frame, the mixer taps, accessories and drainage requirement. The mixer should be chrome plated of high quality like (Swirl). The work includes all the necessary accessories and required task to complete the work as per consultant engineer instructions.	no	1		
6.7	Supply and install high quality toilet seats including the cover, flushing tank 10 liters and accessories. The work includes all the necessary accessories and required labour to complete the work as per consultant engineer instructions.	no	2		
6.8	Supply and install high quality water splasher for toilets. The item includes dismantling the old ones and installation of new ones with all required fittings and accessories as per consultant engineer instructions.	no	2		
6.9	Supply and install high quality anti-corrosion 15 cm x 15 cm floor drains. The item includes all required pipes, fittings and accessories as per consultant engineer instructions	no	7		
6.10	Supply and install of PVC water tanks of 2000 liters capacity. The price includes fixing steel frames, automatic electrical floats, valves, covers, cleaning openings and making all the necessary openings and connection to the existing water main network.	no	1		
6.11	Supply and install water pump of 2.0 hp, 220 volts (SAER, DAB or equivalent) including installation on concrete base, necessary vibration resistance material beneath the pump, the valves, automatic operating board and connection to the existing feeding pipes including all required fittings (2" diameter). The price includes all the necessary items/labour to finish the work as per the consultant engineer instructions.	no	1		
6.12	Supply and install water pump of 0.5 hp, 220 volts (SAER, DAB or equivalent) including installation on concrete base, necessary vibration resistance material beneath the pump, the valves, automatic operating board and connection to the existing feeding pipes including all required fittings (2" diameter). The price includes all the necessary fittings/labour to finish the work as per the consultant engineer instructions.	no	1		
6.13	Flushing out and cleaning existing manholes (8 manholes) and sanitary system and replacing the missing manhole covers (8 Nos) as per consultant engineer instructions	LS	1		

<b>7</b>	<b>Electrical Works</b>				
7.1	Supply and install an internal electrical network for the warehouse building. Cables should be of Italian made of minimum 2.5 mm <sup>2</sup> cross section. The item includes all the required material as conduits, boxes, panels, circuit breakers, etc. The item also includes all required demolishing works in walls and floors and connection to the feeding source. Electrical works on the ceiling are covered in item 2.1 above. The item includes all the necessary fittings, equipment & labour to complete the work as per consultant engineer instructions.	LS	1		
7.2	Supply and installation of electrical copper wires of 10 mm <sup>2</sup> section, 750 volts according to the applicable standards and specifications. The wires shall be flexible and insulated with PVC. The work includes removal/dismantle the old wires as per the consultant engineer instructions.	L.M	70		
7.3	Supply and install Secondary Distribution Board (SDB) consisting of the cabinet and main circuit breakers (GEWISS or equivalent). The work includes all the necessary connections as per consultant engineer instructions	no	2		
7.4	Supply and install fluorescent lighting fixtures size 60 x 60 cm. The fixtures should be of approved brand (Philips or equivalent) and the work includes removal of the old fixtures and electrical connections.	no	30		
7.5	Supply and install single internal electrical first grade switch 16 A (ABB or equivalent) for the lighting fixtures. The work includes removal/dismantle the old switches as per consultant engineer instructions	no	40		
7.6	Supply and install single internal electrical first grade socket 16 A (ABB or equivalent). The work includes removal/dismantle the old switches as per consultant engineer instructions.	no	20		
7.7	Supply and install wall mounted inverter split air conditioners type LG, Sharp or equivalent. The price shall include one-year warranty, wiring, electrical connections, drain pipes to the nearest drain point, waterproof on-off switch on the external units, galvanized steel holders/stands, opening in walls by scoring machine, closing holes with sika sealant, gas and oil charging. the units shall be according to the below specifications: Capacity: 12000 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-1-60HZ Air flow volume m <sup>3</sup> /h-840 Noise level in-door D/B-47 Noise level out-door D/B-53 Air Circulation (H/M/L) - m <sup>3</sup> /h 850/680/540 Digital, Multi-function LCD remote Control	no	5		

7.8	Supply and installation of fire extinguisher cylinders 12 kg, ABC Powder.	no	5		
7.9	Supply and install flood-lights of 400 watt and IP-64 as per approved sample. The item includes electrical cables to the nearest source, connection, the metal base and the requirement to fix the unit and all the necessary to complete the work as per the consultant engineer instructions.	No	8		
	<b>GRAND TOTAL</b>				
<b>Grand total in words USD:</b>					
<b>Company Name</b>					
<b>Authorized Person signed and stamp</b>					
<b>Position</b>					
<b>Email</b>					
<b>Mobile Number</b>					
<b>Address</b>					



Specifications

Attached

**UNDP General Conditions of Contract for Civil Works**

**Attached**