



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

DESCRIPTION: Rehabilitation of 1. Al Rrabi School, 2. Al Karaimeia Al Markazeia School, and 3. Giel Al Wahda School in Al Swani Ben Adam Municipality, Tripoli – Libya	DATE: July 9, 2018 REFERENCE: RFQ/LBY/SFL/2018/041
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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 **19th July 2018, 14.00 hours** Tripoli, Libya time, ref. www.greenwichmeantime.com, and via email at tenders.ly@undp.org or hand delivered to the address below:

United Nations Development Programme
Libya Country Office
Palm City Residence,
Sidi Abduljaleel, Janzour Area, Tripoli, Libya

An organized site visit is also arranged on 15th July 2018 at the below timing:

- | | |
|-------------------------------------|---------------------------|
| 1. Al Rrabi School | - 10:00 hrs (Libya Time). |
| 2. Al Karaimeia Al Markazeia School | - 12:00 hrs (Libya Time). |
| 3. Giel Al Wahda | - 14:00 hrs (Libya Time). |

Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Dr. Mohamed Ewaze, Field Engineer
Phone number: : +218 91795 6527; + 218 919683397

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 Swani Ben Adam Municipality, Tripoli – Libya Rehabilitation of 1. Al Rrabi School, 2. Al Karaimeia Al Markazeia School, and 3. Giel Al Wahda School in Al Swani Ben Adam Municipality, Tripoli – Libya
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit is also arranged on 15 th July 2018 at the below timing: 1. Al Rrabi School - 10:00 hrs (Libya Time). 2. Al Karaimeia Al Markazeia School - 12:00 hrs (Libya Time). 3. Giel Al Wahda - 14:00 hrs (Libya Time). Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Dr. Mohamed Ewaze, Field Engineer Phone number: : +218 91795 6527; + 218 919683397
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 up to maximum duration of 01 calendar month: 5% per day Max. limit of delay: 15%
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>: 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)</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 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(civil works)/renovation works: 3 (three)</p> <p>2. Capacity to undertake mixture of the construction and renovation works, including previous experience with same types of works, availability of equipment and materials and current workload.</p> <p>2.1. 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/or completion certificates (handover of work) to be provided.</p> <p>2.2. 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/Project Manager - shall have a Degree in Civil engineering and minimum of 5 years of experience of work. • Electrician - with a diploma 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>3. Submission of Implementation Timeline/Meeting the works completion deadline of <u>120</u> days or shorter.</p> <p>4. 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, drawings and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	English Documents provided in other languages must be translated into English
Deadline for the Submission of Quotation	On or before 19th July 2018, 14.00 hours Tripoli, Libya 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/SFL/2018/041</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>
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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,



Ermira Basha,
Operations Manager
UNDP Libya

Scope of Works

1. Name of Project: Rehabilitation of Al Rrabi School.

Location: Al Sawani Ben Adam Municipality

Provide all materials and transport to site, construct/erect all structures as per attached Drawings, Bill of Quantities and Specifications. Structures are described briefly below:

School Building:

- Approximate size - " Medium" - 30 m x 30m.
- Approximate floor area – 900 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete central staircase for access from ground floor to the roof.
- Walls - brick masonry.
- Wheelchair ramp: stone masonry sides with concrete ramp.
- Windows: wooden .
- Doors: timber frame external, steel security doors.
- Floors: Ceramic floor tiles in toilets, in-situ color chips elsewhere.
- Wall finishes- internal and external - plaster and paint.
- Rainwater disposal: Concealed GS gutter and downpipes.
- Roof structure: Reinforced concrete slab
- Toilets: 1 male, 1 female, 1.
- Kitchen facilities: 1 tea room.
- Plumbing: GI water supply pipes, bronze valves, PVC sewage/sanitation pipes, ceramic toilets, sinks, steel sinks in kitchen.
- Electrical / lighting: Concealed conduits, fluorescent lighting throughout.
- Security: Steel security bars on all windows, steel doors at main entrance and safe room, steel shutters on safe room windows.

2. Name of Project: Rehabilitation of Al Karaimeia Al Markazeia School

Location: Al Sawani Ben Adam Municipality

Provide all materials and transport to site, construct/erect all structures as per attached Drawings, Bill of Quantities and Specifications. Structures are described briefly below:

School Building:

- Approximate size - " small" - 300 m x 20m.
- Approximate floor area – 600 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete central staircase for access from ground floor up to roof.
- Walls - brick masonry.
- Wheelchair ramp: stone masonry sides with concrete ramp.
- Windows: wooden.
- Doors: timber frame external, steel security doors.
- Floors: Ceramic floor tiles in toilets, in-situ color chips elsewhere.
- Wall finishes- internal and external - plaster and paint.
- Rainwater disposal: Concealed GS gutter and downpipes.
- Roof structure: Reinforced concrete slab
- Toilets: 1 male, 1 female.
- Kitchen facilities: 1 tea room.
- Plumbing: GI water supply pipes, bronze valves, PVC sewage/sanitation pipes, ceramic toilets, sinks, steel sinks in kitchen.
- Electrical / lighting: Concealed conduits, fluorescent lighting throughout.
- Security: Steel security bars on all windows, steel doors at main entrance and safe room, steel shutters on safe room windows.

3. Name of Project: Rehabilitation of Giel Al Wahda School

Location: Al Sawani Ben Adam Municipality

Provide all materials and transport to site, construct/erect all structures as per attached Drawings, Bill of Quantities and Specifications. Structures are described briefly below:

School Building:

- Approximate size - " Small" - 30 m x 30m one floor.
- Approximate floor area – 900 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete basement over the full building area.
- Reinforced concrete central staircase for access from ground floor to another up floors.
- Walls - brick masonry.
- Wheelchair ramp: stone masonry sides with concrete ramp.
- Windows: wooden .
- Doors: timber frame external, steel security doors.
- Floors: Ceramic floor tiles in toilets, in-situ color chips elsewhere.
- Wall finishes- internal and external - plaster and paint.
- Rainwater disposal: Concealed GS gutter and downpipes.
- Roof structure: Reinforced concrete slab
- Toilets: 1 male, 1 female.
- Kitchen facilities: 1 tea room.
- Plumbing: GI water supply pipes, bronze valves, PVC sewage/sanitation pipes, ceramic toilets, sinks, steel sinks in kitchen.
- Electrical / lighting: Concealed conduits, fluorescent lighting throughout.
- Security: Steel security bars on all windows, steel doors at main entrance and safe room, steel shutters on safe room windows.

Conducting repair and rehabilitation works for the existing schools buildings, to restore the existing schools and its utilities fully functional.

The works incorporate rehabilitation various finishing activities such as demolishing works, painting, repair of the existing doors and windows, external works, plumbing and electrical 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/SFL/2018/041 - Rehabilitation of 1. Al Rrabi School, 2. Al Karaimeia Al Markazeia School, and 3. Giel Al Wahda School in Al Swani Ben Adam Municipality, Tripoli – Libya.**

Description:	Total (US\$)
1. Al Rrabi School (as per priced BOQ – Annex 2A)	
2. Al Karaimeia Al Markazeia School (as per priced BOQ – Annex 2A)	
3. Giel Al Wahda School (as per priced BOQ – Annex 2A)	
Grand Total	

Currency: United States Dollars

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

Company Name: _____

Contact Person: _____

Position: _____

Email: _____

Mobile Number: _____

Address: _____

Authorised Signature: _____ Date: _____

BILL OF QUANTITIES

Rehabilitation of 1. Al Rabi School, 2. Al Karaimeia Al Markazeia School, and 3. Giel Al Wahda School in Al Swani Ben Adam Municipality, Tripoli – Libya

RFQ Reference No. RFQ/LBY/SFL/2018/041

1. Al Rabi School

	Item Description	Unit	Qty	Rate in USD	Amount USD
A	Demolishing and Preparing Works				
	<p>Preamble</p> <p>Unit rates shall include, but not limited to, the following:</p> <p>a. Removing of demolished material out of site to dumping area approved by the relevant Authorities.</p> <p>b. The dismantled material are 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, dust etc</p>	Note			
A1	Demolish, dismantle and remove the existing damaged floor and roof tiles, masonry blocks, wash basins, European and eastern W.C. suites, doors, windows etc ready to start tiling works. The surplus should be removed to approved dump areas, all as directed by Engineer	LS	1		
B	Doors, Windows and Metals Works				
	<p>The contractor shall submit shop drawings for the prior approval of the Engineer.</p> <p>All doors and windows hardware and accessories shall be high quality approved by the Engineer.</p>	Note			
B1	Supply and install galvanized steel doors, overall size 2000 X 2500 mm complete with frame, 2 leaves constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, hardware, painting with approved paints. The gate shall be fixed to the existing concrete columns of the fence.	No	7		
B2	Supply and fix wooden door, size 1050 X 2200 X 45 mm thick without frame, similar to the existing, constructed of 2 panel made of 20 mm melamine, stiles and rails from Swedish wood grade 1, including door lock with handle, approved paints, and removal of damaged doors and all required works.	No	5		
B3	Repair, adjust and conduct maintenance for the existing wooden doors of different sizes. The work includes replacing all damaged parts with new one (except locks, handles and paints), frames fixation and all needed wooden materials for frames and leaves and rubbing off old paints, and all required works.	M2	5		

B4	Supply and install high quality collared PVC windows of size 1200 X 1200 mm, including the required accessories, clear glass 4 mm thick. The work includes removal of the existing damaged windows; all in accordance with specification and the engineer approval.	No	68		
B5	Supply and fix windows and doors' handles similar to the existing, including removing of old one and all required works.	No	7		
B6	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	M2	14		
C	Plumbing & Sanitary Works				
C1	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	12		
C2	Supply and fix electrical water heater, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve and all required works.	No	1		
C3	Supply and fix plastic cover for European W.C. suite, including all required works.	No	6		
C4	Supply and fix 10 liter plastic flushing cistern for Eastern W.C. suite, including all required works.	No	6		
C5	Supply and fix 10 liter white glazed fire clay flushing cistern for European W.C. suite, including all required works.	No	7		
D	Electrical Works				
	Unless otherwise stated separately in the BoQ, rates shall include all necessary materials such as cables, conduits, bulbs, and all required work to complete the electrical network.	Note			
D1	Supply and install insulated wire 6 mm ²	L.M	100		
D2	Ditto, but 4 mm ² size.	L.M	100		
D3	Ditto, but 2.5 mm ² size.	L.M	100		
D4	Supply and installation of electrical sockets, 16 Am.	No	10		
D5	Supplying and installation of single lighting switch 16 Am, as directed by Engineer.	No	10		
D6	Supplying and fix double lighting switch, 16 Am, as directed by Engineer.	No	10		
D7	Testing and commissioning of the electrical network in the whole building.	LS	1		
	Grand Total for Al Arabi school carried to summary				

2. Rehabilitation of Al Karaimeia Al Markazeia School

	Item Description	Unit	Qty	Rate in USD	Amount in USD
A	Painting Works				
	The contractor should allow in his pricing that the engineer may use as many different colours or combination of colours to meet an approved colour scheme. All paint works should be high quality and conform to manufacturer's instructions regarding number of coats, rate of application or drying time Rates shall include: Preparation of surface including puttying, sealing and priming. Painting for any area, width, or location	Note			
A1	Supply & paint minimum 2 coats of coloured emulsion paint (Supercryle) on the internal walls or ceilings	M2	700		
A2	Supply & paint minimum 2 coats of coloured oil based paint.	M2	2000		
B	Tiling and Marble Works				
	Rates shall include: Surface preparation ready to start the tiling works. Samples for approval and all the required tests. Cleaning, mechanical polishing and pointing using grout.	Note			
B1	Supply and install none slipping ceramic (grade A) size 330mm x 330mm x 8mm thick for toilet floors, similar to the existing, laid on 30mm mortar bed, including all required works according to specifications and Engineer instructions.	M2	30		
B2	Supply and install white glazed wall tiles (grade A) size 250mm X 500mm X 4mm, similar to the existing, laid on 20mm mortar (1:3), including all required works.	M2	50		
C	Doors, Windows and Metals Works				
C1	Repair, adjust and conduct maintenance for the existing wooden doors of different sizes. The work includes replacing all damaged parts with new one, frames fixation and all needed, ironmongery, door lock. The work shall also include painting with approved paint.	No	13		
C2	Repair, adjust and conduct maintenance for the existing wooden windows of different doors of different sizes. The work includes replacing all damaged parts with new one, frames fixation and all needed, ironmongery, door lock. The work shall include painting with approved paint.	No	12		
C3	Supply and fix 4mm thick glass for windows.	No	15		
C4	Repair and fill the existing expansion joint in the building by approved filler including aluminium cover.	L.M	12		
C6	Repair and conduct maintenance for the existing metal tables and desks	No	25		
D	Plumbing & Sanitary Works				
	Plumbing, fittings, pipe, accessories, sanitary fixtures shall be of high quality and in accordance with specification and compatible with the existing systems and in accordance with the instructions of the Engineer. Unless otherwise stated separately, unite rates shall include the following: The needed fittings accessories of high quality and in accordance with specification and compatible with the existing systems and in accordance with the instructions of the Engineer. Connections to the existing network.	Note			
D1	Supply and install Poly Propylene (PPR) pipes 1/2", for potable water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	40		

D2	Supply and install Poly Propylene (PPR) pipes 3/4", for potable water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	40		
D3	Supply and install Poly Propylene (PPR) pipes 1", for potable water supply. The work includes all tees, bends, and all related work accessories and fittings.	L.M	25		
D4	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10 liter double action flushing ceramic cistern, and fixed chromium plated tap 1/2", including all water supply pipes 16mm, angle valves, UPVC drainage pipe connecting to the nearest manhole or sewage header and all related work accessories and fittings.	No	4		
D5	Supply and fix white glazed fireclay Eastern W.C. suite, made of vitreous china to BS 3402 (grade A), with 10 liter plastic flushing cistern, and fixed chromium plated tap 1/2", including all water supply pipes. The work includes all related work accessories and fittings.	No	2		
D6	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 16mm, chromium plated mixer and waste trap. The work includes all related work accessories and fittings.	No	4		
D7	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	8		
D8	Supply and install UPVC pipes 1 1/2", for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	20		
D9	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	8		
D10	Supply and fix electrical water heater, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve and all required works.	No	1		
D11	Supply and install UPVC pipes 2" and 10 bar pressure, for waste water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	20		
D12	Supply and install UPVC pipes 3" and 10 bar pressure, for waste water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	25		
D13	Supply and install UPVC pipes 4" and 10 bar pressure, for waste water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	20		
D14	Supply and fix 1.5 HP horizontal centrifugal pump with automatic breaker, 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.	No	1		
D15	Supply and fix heavy duty manhole cover of 700mmx700mm	No	2		
D16	Cleaning, flushing and commissioning of the existing sewage network	L.S	1		
F	Electrical Works.				
	Unless otherwise stated separately, rates in Bill of Quantities shall include all necessary materials, cables, conduits, bulbs etc.) and labour required to complete the electrical installation to good working conditions. All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.	Note			

F1	Supply and fix fluorescent day light lamps, 20-watt, 60 cm. The work includes removal of old ones and all required works.	No	25		
F2	Supplying and fix starters for fluorescent fixture of all sizes. The work include removal of old ones and all required works.	No	80		
F3	Supplying and fix external high-quality spotlight with 1000-watt halogen lamp. The work includes all required cables, connections and accessories	No	5		
F4	Testing and commissioning of the electrical installation in the whole building.	LS	1		
Grand Total for Al Karaimeia carried to summary					

3. Giel Al Wahda School

	Item Description	Unit	Qty	Rate in USD	Amount in USD
A	Demolishing and Preparing				
	<p>Preamble:</p> <p>Unit rates shall include, but not limited to, the following:</p> <p>a. Removing of demolished material out of site to dumping area approved by the relevant Authorities.</p> <p>b. The dismantled material are 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, dust</p>	Note			
A1	Dismantle and remove ceramic tiles including mortar beds and surplus material in the existing W.Cs ready to start rehabilitation works.	LS	1		
B	Block Works				
B1	Supply & build hollow concrete blocks Grade 35 size 40x20x20cm, built with cement sand mortar (1:4) mix according to technical specification and instructions of the Engineer.	M2	110		
C	Plastering Works				
C1	Supply and make 2 coats of cement sand plaster for the boundary wall. The work shall include surface preparation ready to start plastering works.	M2	200		
D	Painting Works				
	<p>The contractor should allow in his pricing that the engineer may use as many different colours or combination of colours to meet an approved colour scheme. All paint works should be high quality and conform to manufacturer's instructions regarding number of coats, rate of application or drying time</p> <p>Rates shall include:</p> <p>Preparation of surface including puttying, sealing and priming.</p> <p>Painting for any area, width, or location</p>	Note			

D1	Supply & paint minimum 2 coats of coloured emulsion paint (Supercryle) on the internal walls or ceilings	M2	65		
D2	Supply & paint minimum 2 coats of coloured oil based paint including putty.	M2	55		
D3	Supply and paint minimum 2 coats of weather shield paint including repair of defective plaster and other surface preparation ready to start painting works.	M2	200		
E	Tiling Works				
E1	Supply and install high quality none slipping ceramic (grade A) size 330mm x 330mm x 8mm thick for toilet floors, similar to the existing, laid on 30mm mortar bed, including all required works according to specifications and Engineer instructions.	M2	70		
E2	Supply and install high quality white glazed wall tiles (grade A) size 250mm X 500mm X 4mm, similar to the existing, laid on mortar bed (1:3), including all required works.	M2	145		
F	Doors, Windows and Metals Works				
	The contractor shall submit shop drawings for the prior approval of the Engineer. All doors and windows hardware and accessories shall be high quality approved by the Engineer.	Note			
F1	Supply and fix interior Swedish wood window of size 2700X1100 mm, similar to the existing, including 4mm clear glass, and accessories, lock with handle. The work shall also include painting of the windows with approved paint and all required works.	No	54		
	Repair, adjust and conduct maintenance for the existing steel doors. The work includes replacing all damaged parts with new one, frames fixation and all needed, ironmongery, door lock. The work shall include painting with approved paint.	M2	10		
F3	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	M2	40		
G	Plumbing & Sanitary Works				
G1	Supply and install Poly Propylene (PPR) pipes 1/2", for potable water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	90		
G2	Supply and install Poly Propylene (PPR) pipes 3/4", for potable water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	60		
G3	Supply and install Poly Propylene (PPR) pipes 1", for potable water supply. The work includes all tees, bends, and all related work accessories and fittings.	L.M	100		
G4	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10 liter double action flushing ceramic cistern, and fixed chromium plated tap 1/2", including all water supply pipes 16mm, angle valves, UPVC drainage pipe connecting to the nearest manhole or sewage header and all related work accessories and fittings.	No	8		
G5	Supply and fix white glazed fireclay Eastern W.C. suite, made of vitreous china to BS 3402 (grade A), with 10 liter plastic flushing cistern, and fixed chromium plated tap 1/2", including all water supply pipes. The work includes all related work accessories and fittings.	No	2		
G6	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 16mm, chromium plated mixer and waste trap. The work includes all related work accessories and fittings.	No	10		
G7	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	6		
G8	Supply and install UPVC pipes 1 1/2", for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	70		

G9	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	10		
G10	Supply and fix electrical water heater, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve and all required works.	No	3		
G11	Supply and install PVC tank for potable water, of 2000 liters capacity, including the electrical floating valve and all related work accessories and fittings according to the specifications, and Engineer instructions.	No	2		
G12	Supply and install UPVC pipes 4" and 10 bar pressure, for waste water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	45		
G13	Supply and install UPVC pipes 2" and 10 bar pressure, for rain water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	70		
G14	Supply and install UPVC pipes 3" and 10 bar pressure, for rain water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	80		
G15	Supply and install UPVC pipes 4" and 10 bar pressure, for rain water drainage. The work includes all tees, bends, and all related work accessories and fittings.	L.M	100		
G16	Supply and fix 2 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.	No	1		
G17	Testing, flushing and commissioning the entire sewage and drainage network in the whole school building.	L.S	1		
H	Electrical Works.				
	Unless otherwise stated separately in the BoQ items, rates shall include all necessary materials, cables, conduits, bulbs etc.). All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.	Note			
H1	Supply and install connect and commission, flexible electrical wires of 750 V grade and comply with BS 6500 Table 12, insulated with PVC of 10 mm ² size, according to the specifications, and Engineer instructions.	L.M	40		
H2	Ditto, but 6 mm ² size.	L.M	100		
H3	Ditto, but 4 mm ² size.	L.M	300		
H4	Ditto, but 2.5 mm ² size.	L.M	500		
H5	Supply and install single pole 16 A, 220V, lighting switch. The work includes removal of old ones and all required works.	No	30		
H6	Ditto, but double pole 16 A, 220 V.	No	20		
H7	Supply and install fluorescent lighting fixture 2 X 40 watt with plastic cover, including 120 cm day light lamps, 3 X 1.5 mm ² wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	50		
H8	Ditto, but 2 X 20-watt water proof type IP 65, for toilets.	No	8		
H9	Supply and fix fluorescent day light lamps, 20 watt, 60 cm. The work includes removal of old ones and all required works.	No	20		
H10	Supplying and fix starters for fluorescent fixture of all sizes. The work includes removal of old ones and all required works.	No	30		
H11	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
H12	Testing and commissioning of the electrical network in the whole building.				
	Grand Total for Giel Al Wahda School carried to summary				

Summary	
	Amount in USD
Grand Total for Al Arabi school	
Grand Total for Al Karaimeia	
Grand Total for Giel Al Wahda School	
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