

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

DESCRIPTION: Rehabilitation of 1. Al Saieda zainab School, 2. Ein Al Shams School, 3. Fatemah Al Zahra School in Abo Salim Municipality, Tripoli, Libya	DATE: June 12, 2018
	REFERENCE: RFQ/LBY/SFL/2018/028

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 **01st 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 20th June 2018 at the below timing:

- | | |
|----------------------------|---------------------------|
| 1. Al Saieda zainab School | - 10:00 hrs (Libya Time). |
| 2. Ein Al Shams School | - 12:00 hrs (Libya Time). |
| 3. Fatemah Al Zahra School | - 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	Abo Salim Municipality Rehabilitation of 1. Al Saieda zainab School, 2. Ein Al Shams School, 3. Fatemah Al Zahra School in Abo Salim Municipality, Tripoli, Libya
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit is also arranged on 20 th June 2018 at the below timing: 1. Al Saieda zainab School - 10:00 hrs (Libya Time). 2. Ein Al Shams School - 12:00 hrs (Libya Time). 3. Fatemah Al Zahra School - 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: 0.0033% per 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>: 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	<p><u>English</u></p> <p>Documents provided in other languages must be translated into English</p>
Deadline for the Submission of Quotation	On or before 01 st 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/2018/028</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,

A handwritten signature in blue ink, appearing to read 'E. Basha'.

Ermira Basha,
Operations Manager
UNDP Libya

Scope of Works

1. Name of Project: Al Saieda zainab School.

Location: Abo Salim Municipality

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

School Building:

- Approximate size - " Medium" - 60 m x 30m.
- Approximate floor area – 1800 m2.
- Structure: Reinforced concrete foundations, columns and beams
- Reinforced concrete basement over the full building area.
- Reinforced concrete central staircase for access to basement from ground floor.
- Reinforced concrete central staircase for access from ground floor to another up floor.
- Walls - brick masonry.
- Wheelchair ramp: stone masonry sides with concrete ramp.
- Windows: wood .
- 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

2. Name of Project: Ein Al Shams School

Location: Abo Salim Municipality

School Building:

- Approximate size - "Small" - 40 m x 20m.
- Approximate floor area – 1200 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete central staircase for access from ground floor to another up floor.
- 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.

3. Name of Project: Fatemah Al Zahra School

Location: Abo Salim Municipality

School Building:

- Approximate size - "Medium" – 40 m x 40 m.
- Approximate floor area – 1600 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete basement over the full building area.
- 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 with thick concrete layer for rain sewage
- 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.

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/2018/028 - Rehabilitation of 1. Al Saieda zainab School, 2. Ein Al Shams School, 3. Fatemah Al Zahra School in Abo Salim Municipality, Tripoli, Libya.**

Description:	Total (US\$)
1. Al Saieda zainab School	
2. Ein Al Shams School	
3. Fatemah Al Zahra School	
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 Saieda zainab School, 2. Ein Al Shams School, 3. Fatemah Al Zahra School in Abo Salim Municipality, Tripoli, Libya

RFQ Reference No.RFQ/LBY/SFL/2018/028

1. Al Saieda zainab School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
1	Civil Works				
A	Demolishing and Preparing				
A1	Dismantle and remove and haul away the damaged doors, windows and sanitary fixtures etc in the existing W.Cs and bathrooms.	L S	1		
B	Painting Works				
	All paint works should conform to manufacturer's instructions regarding number of coats, rate of application or drying time. Price shall include all costs for completing painting on new or old surfaces, including peeling off old defective paint, batching and surface preparation ready for the painting works.	Note			
B1	Supply & apply minimum two coats of colored emulsion(supercryle) paint on the internal walls and ceiling	SQ.M	120		
C	Doors, windows and metals works				
	The work shall include supply, fabricate and installation of doors, windows of grade 1 timber as per specification and the existing doors and windows. The contractor shall submit shop drawings for the approval of the Engineer, prior to fabrication. All samples shall be provided for Engineer's approval prior to purchase of material. Rates shall include clear float glass/ wired glass /tinted glass /translucent glass as appropriate to suit the respective doors and windows as similar to the existing doors and windows.				
C1	Supply and fix interior wood door, size 920 X 2150 X 45 mm thick without frame, similar to the existing, made of 20 mm medium density fiber (MDF), stiles and rails from wood grad1, including door lock with handle, approved paints, as directed by Engineer.	No	12		
C2	Supply and fix high quality locks for the internal wooden doors.	No	24		

C3	Repair, adjust and conduct maintenance for the existing wooden doors. The work includes replacing all damaged parts with new one, frames fixation and all needed wooden materials for frames, ironmongery, door lock, handles. The work also includes painting the door and frame with approved wooden paint, rubbing off old paints and Applying two coat of wood preservative, two coats of primer, two coats of wood sheen spray paint, as directed by Engineer.	No	54		
C4	Repair, adjust and conduct maintenance for the existing Aluminum doors. The work includes replacing all damaged parts with new one, frames fixation and all needed hardware and accessories	No	16		
C5	Supply and fix interior wood window, size 650 X 1020 mm thick without frame, similar to the existing. The window shall have 2 leaf's from wood grad 1, glass thick 4 mm and painting with approved wood paints, as directed by Engineer.	No	55		
C6	Repair, adjust and conduct maintenance for the existing wooden windows frames. The work includes replacing all damaged parts with new one, frames fixation and all needed wooden materials for frames, ironmongery, door lock, glass thick 4 mm, rubbing off old paints and Applying two coat of wood preservative, two coats of primer, two coats of wood sheen spray paint, as directed by Engineer.	No	70		
C7	Supply and fix a glass thick 4 mm for widows.	SQ.M	100		
	External Works				
F1	Repair, adjust and conduct maintenance for the galvanized steel panels for windows of different sizes, including decorations, frames, all iron monger and hardware, painting with approved paints, and all required works.	No	40		
F2	Repair, adjust and conduct maintenance for steel doors of size 4750 x 2700. The work includes replacing all damaged parts with new one, door lock, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, as directed by Engineer.	No	1		
2	Plumbing & Sanitary Works				
	The plasticized polyvinyl chloride (uPVC) pipes shall comply with the requirement of BS 4514 All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the existing plumbing and sanitary networks.	Note			
D1	Supply and install Poly Propylene (PPR) pipes 1/2", for potable water network. The work includes all tees, bends, and all required fittings.	L.M	100		
D2	Supply and install Poly Propylene (PPR) pipes 3/4", for potable water network. The work includes all tees, bends, and all required fittings.	L.M	100		

D3	Supply and install 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	16		
D4	Supply and fix electrical water boiler, 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, electrical connections.	No	3		
D5	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10-liter ceramic double action flushing 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	16		
D6	Supply and fix white glazed fireclay Eastern W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10-liter ceramic double action flushing 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	3		
D7	Supply and fix flushing ceramic cistern set for European W.C. suite, including the apply and fixing the required pippins, accessories and fittings.	No	16		
D8	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover as directed by Engineer.	No	30		
D9	Supplying and installing an upper plastic water tank 2000 liter of high quality and all piping and connection works.	No	1		
3	Electrical Works.				
	Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials cables, conduits, PVC sunk box, bulbs.; all in accordance with the specification and the relevant Standards.				
E1	Supply and install insulated electrical wire 6 mm ²	L.M	100		
E2	Ditto, but 4 mm ² size.	L.M	100		
E3	Ditto, but 2.5 mm ² size.	L.M	100		
E4	Cable 3 G2.5 (1PH+N+PE), cables for pump and well	L.M	25		
E5	Supply and install fluorescent lighting fixture 2 X 40 watt with plastic cover, including 60 cm day light lamps, 3 X 1.5 mm ² wires, water proof, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	30		
E6	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	40		
E7	Supply and install a single-pole circuit breaker 16Amp	No	6		
E8	Supply and fix electrical socket outlet 16 Amp.	No	100		

E9	Supplying and fix single lighting switches a single way 16 Amp switches as directed by Engineer.	No	50		
E10	Supplying and fix double ways lighting switches, 16 Amp switches as directed by Engineer.	No	50		
E11	Testing and commissioning of the electrical network in the whole school building.	LS	1		
	Grand Total for Al Saeida Zenab School carried to summary				

2. Ein Al Shams School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
1	Civil Works				
A	Demolishing and Preparing				
A1	Dismantle, remove and haul away ceramic wall tiles in the existing W.C. including preparing surfaces ready for new tiling works.	SQ.M	50		
B	Block Works				
B1	Supply & build hollow concrete blocks Grade 35 of size 40x20x20 cm, built with cement sand mortar (1:3) mix according to technical specification and instruction of Engineer.	SQ.M	10		
C	Plastering Works				
	"Plastering to all areas shall be measured net, including openings that are less than 0.25-Meter Sq. Rates shall include; Supply of all needed materials, including galvanized angles for the corners, windows and external decoration as well as the use of galvanized wire mesh between concrete and block work, mix and proportion cement plaster in accordance with ASTM C926 and preparation works by covering all conduits of electricity, water supplies, etc., and removal of wires and nails and cleaning of surfaces to be ready for plastering wok.	Note			
C1	Supply and apply two coats 15 mm thick cement sand plaster for the internal walls and ceilings. The work shall include surface preparation, fixing of metal mesh at the joints, all according to the specification and engineer approval.	SQ.M	65		
C2	Repair damaged plaster in existing plastering and around doors and windows frames and the surface cracks.	Lin.M	70		
D	Painting Works				

	All paint works should conform to manufacturer's instructions and specifications regarding number of coats, rate of application or drying time. Painting will be carried out on new or old surfaces. Price shall include surface preparation, peeling off old defective paint for completing the required painting works.	Note			
D1	Supply & paint minimum 2 coats of colored emulsion paint (Supercryle) for the internal walls. The work shall include removing the old paints, cleaning, preparation of surface and puttying.	SQ.M	65		
E	Tiling and Marble Works				
E1	Supply and install marble floor tiles (grade A) with thick 30 mm with basalt stone of medium size, laid on 30mm mortar bed and sand bed, including tiles skirting and grouting and all required works.	SQ.M	5		
F	Doors, Windows and Metals Works				
	Doors and windows approved timber and as per the respect specification and the existing doors and windows. Rate shall include for providing sundry items related to the door & windows including for clear float glass/ wired glass /tinted glass /translucent glass as appropriate to suit the respective doors and windows as similar to the existing doors and windows, where required.	Note			
F1	Repair, adjust and conduct maintenance for wooden doors of different sizes. The work includes replacing all damaged parts with new one, frames fixation and all needed wooden materials for frames, ironmongery, door lock, rubbing off old paints and Applying two coat of wood preservative, two coats of primer, two coats of wood sheen spray paint, as directed by Engineer.	No	16		
F2	Supply and fix interior PVC window, size 1500 X 1500 mm thick without frame, similar to the existing.	No	1		
F3	Ditto, but window size 1200 X 1400 mm	No	3		
F4	Repair, adjust and conduct maintenance of Aluminum windows frames. The work includes replacing all damaged parts with new one, frames fixation and all needed wooden materials for frames.	No	8		
F5	Supply and fix a glass thick 4 mm for widows, approved paints, as directed by Engineer.	SQ.M	150		
F6	Supply and fix a PVC barrier with 2100x1500 mm	No	1		
F7	Repair and conduct maintenance and painting the existing the wooden handrail	Lin.M	40		

F8	Supply and install steel grill for windows protections 1500x1500 mm, similar to the existing protections. Price to include, welding, grinding, smoothing, oil paint in three coats in addition to two primer coats, as per specifications and engineer instructions.	No	1		
F9	Supply and cast C20 concrete 150 mm thick slab on grade for leveling layer. The price shall include: leveling, compaction and surface preparation, polythene sheet below slab, steel reinforcement using 6 mm diameter steel mesh 200X200mm; all required works to complete according to the engineer's instruction and approval.	SQ.M	200		
F10	Supply and install one-layer waterproofing membrane SBS 4 mm thick on the existing roof. The price shall include removing the existing damaged water proofing layer, repair of damages and surface preparation ready to install the new water proofing membrane, priming and water proofing on the roof parapets 50cm above roof surface.	SQ.M	190		
2	Plumbing & Sanitary Works				
	The plasticized polyvinyl chloride (uPVC) pipes shall comply with the requirement of BS 4514 All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the existing plumbing and sanitary networks.	Note			
G1	Supply and fix high quality chromium plated mixer for hand wash basin. The work includes piping works, valves and all related work accessories.	No	8		
G2	Supply and fix flushing ceramic cistern set for W.C. suite, including all related piping and connection works and accessories.	No	8		
G3	Supply and install floor chrome plated waste trap, size 150 X 150 mm.		6		
G4	Supply and install UPVC pipes 3" and 10 bar pressure, for waste water drainage. The work includes all tees, bends, and all related works and fittings.	Lin.M	60		
G5	Supplying and installing water pump 1 inch diameter 3.0 Hp of high quality approved by the engineer.	No	1		
3	Electrical Works.				
	Unless otherwise stated, Rates in Bill of Quantities shall include all connections necessary materials cables, conduits, PVC sunk box, bulbs.; all in accordance with the specification and the relevant Standards, all in accordance with the specification and the existing electrical networks.	Note			
H1	Supply and install electrical wire 6 mm ²	Lin.M	150		

H2	Ditto, but 4 mm ² size.	Lin.M	100		
H3	Ditto, but 2.5 mm ² size.	Lin.M	100		
H4	Supply and install fluorescent lighting fixture 2 X 40 watt with plastic cover to be installed in the false ceiling, including 60 cm day light lamps, 3 X 1.5 mm ² wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	30		
H5	Supply and install fluorescent lighting fixture 1 X 40 watt with plastic cover, including 120 cm day light lamps for blackboard, 3 X 1.5 mm ² wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	20		
H6	Supply and fix plastic cover for sub main electrical box.	No	1		
H7	Supplying and fix double lighting switches.	No	50		
H8	Supplying and fix single lighting switch as directed by Engineer.	No	50		
H9	Supply and install electrical cable 3 G2.5 (1PH+N+PE), cables for pump and well	Lin.M	50		
H10	Testing and commissioning of the electrical network in the whole school building.	Lin.M	1		
	Grand Total for Ein Al Shams school carried to summary.				

3. Fatemah Al Zahra School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
1	Civil Works:				
A	Demolishing and Preparing				
A1	Demolish and remove floor tiles, including miters.etc. below the tiles and preparing surfaces for new tiling works. The surplus should be removed to approved dump arsenal as directed by Engineer.	M2	30		
B	Block Works				
B1	Supply & build hollow concrete blocks Grade 35 size 40x20x15cm, built with cement sand mortar (1:3) mix according to technical specification and instruction of Engineer.	M2	50		
C	Plastering Works				

	Thw work shall include the supply of all needed materials, including galvanized angles for the corners, windows and external decoration as well as the use of galvanized wire mesh between concrete and block work, mix and proportion cement plaster in accordance with specifications and ASTM C926 and preparation works by covering all conduits of electricity, water supplies, etc., and removal of wires and nails and cleaning of surfaces to be ready for plastering wok.	Noe			
C1	Supply and make 2 coats 15 mm thick cement sand plaster for the internal walls and ceilings. The work shall include fixing of metal mesh at the joints, all according to the specification and engineer approval.	M2	80		
C2	Repair damaged plaster in existing plastering around doors and windows frames, narrow cracks, with cracks with cement sand mortar (1:3) mix made of 440 Kg cement + 1 M3 sand.	M L	10		
D	Painting Works				
	All paint works should conform to manufacturer's instructions regarding number of coats, rate of application or drying time. Price shall include all costs for completing painting on new or old surfaces, including peeling off old defective paint, batching and surface preparation ready for the painting works.	Note			
D1	Supply & paint minimum 2 coats of colored emulsion paint on the internal walls (Supercryle) with primer, under coat and. The work shall also include removing the old paints, cleaning, preparation of surface and puttying, and all required works.	M2	85		
E	Tiling and Marble Works				
	Tilling works shall be measured net in square meters, deducting all openings and voids more than 0.25 mos. Rate shall include preparation of surfaces under tiles, sand with cement mortars, finish to falls and cross falls, special tile pieces for edges and plastic spacers, pointing and cleaning; all as per specifications and engineer approval.	Note			
E1	Supply and install terrazzo floor tiles (grade A) size 250mm x 250mm x 30 mm with basalt stone of medium size, laid on 30mm mortar bed and 5 cm thick sand bed, including tiles skirting and grouting and all required works.	M2	50		
E2	Supply and install wall ceramic tiles size 250mm x 500mm x 4mm thick for the bathroom and W.C's	M2	60		
F	Doors, Windows and Metals Works				

	The work shall include supply, fabricate and installation of doors, windows of grade 1 timber, as per specification and the existing doors and windows. The contractor shall submit shop drawings for the approval of the Engineer, prior to fabrication. All samples shall be provided for Engineer's approval. Rates shall include clear float glass/ wired glass /tinted glass /translucent glass as appropriate to suit the respective doors and windows as similar to the existing doors and windows.	Note			
F1	Supply and fix interior wood door, size 850 X 2100 X 45 mm thick without frame, similar to the existing. The door shall have 2 leaves, made of 20 mm medium density fiber (MDF), stiles and rails from wood grad1, including door lock with handle, approved paints, as directed by Engineer.	No	3		
F2	Ditto, but door size 950 X 2100 mm	No	10		
F3	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 wooden materials for frames, ironmongery, door lock, rubbing off old paints and applying two coat of wood preservative, two coats of primer, two coats of wood sheen spray paint, as directed by Engineer.	No	40		
F4	Supply and fix interior two leaves wood window, size 900 X 900 mm thick without frame, similar to the existing.	No	2		
F5	Ditto, but window size 1600 X 700 mm	No	2		
F6	Ditto, but window size 1450 X 500 mm	No	2		
F7	Supply and fix a one leaf for wood windows, size 600 X 900 mm thick without frame, similar to the existing.	No	30		
F8	Repair, adjust and conduct maintenance for the existing wooden windows including frames. The work includes replacing all damaged parts with new one, frames fixation and all needed wooden materials for frames, ironmongery, door lock, glass thick 3 mm, rubbing off old paints and applying two coat of wood preservative, two coats of primer, two coats of wood sheen spray paint, as directed by Engineer.	No	40		
G	Plumbing & Sanitary Works				
	The plasticized polyvinyl chloride (uPVC) pipes shall comply with the requirement of BS 4514 and specifications. All fittings and pipe specials suitable and compatible with all respects to the existing networks.	Note			
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	50		
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	50		

G3	Supply and install 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		
G4	Supply and fix PPR valves of 1/2, 3/4 diameter, including all required works.	No	5		
G5	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10 liter ceramic double action flushing cistern, and fixed chromium plated tap 1/2" , including all water supply connections, valves, UPVC drainage pipe connecting to the nearest manhole or sewage header and all related work accessories and fittings.	No	6		
G6	Supply and fix flushing ceramic cistern set for European W.C. suite, including all related accessories and fittings.	No	4		
G7	Supply and install floor chrome plated waste trap, size 150 X 150 mm.	No	6		
	Supply and install UPVC pipes 2.5" and 10 bar pressure, for waste water drainage. The work includes all tees, bends, and all related work accessories and fittings.	No	30		
G8	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	50		
G9	Supply and install UPVC pipes 4" and 10 bar pressure, for rain water drainage. The work includes connections and the required fittings such as tees, bends, and all related work accessories.	L.M	50		
H	Electrical Works.				
	Unless otherwise stated, Rates in Bill of Quantities shall include all connections necessary materials cables, conduits, PVC sunk box, bulbs.; all in accordance with the specification and the relevant Standards, all in accordance with the specification and the existing electrical networks.	Note			
H1	Supply and install electrical wire 6 mm ² size.	L.M	100		
H2	Ditto, but 4 mm ² size.	L.M	100		
H3	Ditto, but 2.5 mm ² size.	L.M	100		
H4	Supply and install single pole 16 A, 220V, lighting switch. The work includes removal of old ones as directed by Engineer.	No	100		
H5	Supply and fix electrical 16 Amp socket outlets	No	60		
H6	Supply and install a complete fluorescent lighting fixture 2 X 40 watt with plastic cover, including 60 cm day light lamps, 3 X 1.5 mm ² wires, conduits, water proof, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	20		

H7	Supply and install a complete fluorescent lighting fixture 2 X 40 watt with plastic cover, including 120 cm day light lamps, 3 X 1.5 mm2 wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	50		
H8	Supplying and fix starters for fluorescent fixture of all sizes. The work includes removal of old ones as directed by Engineer.	No	200		
H9	Testing and commissioning the existing electrical networks, in the whole building.	L.M	1		
	Grand Total for Fatema Al Zahra school carried to summary				

Summary	
	Amount in USD
Grand Total Al Saieda zainab School	
Grand Total Ein Al Shams School	
Grand Fatemah Al Zahra 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