

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

DESCRIPTION: Rehabilitation of 1. Abo Al Kasem Al Mokram School, 2. 17th of February School, 3. Al Ssabiaa Al Markzeia High School in Al Ssabiaa Municipality, Tripoli, Libya	DATE: May 9, 2018 REFERENCE: RFQ/LBY/SFL/2019/028
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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 **27th May 2019, 14:00 hours** Tunis, Tunisia 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
Rue du Lac Windermere, Les Berges du Lac, 1053 Tunis, Tunisia

An organized site visit is also arranged on 19th May 2019 at the below timing:

- | | |
|--|---------------------------|
| 1. Abo Al Kasem Al Mokram School | - 09:00 hrs (Libya Time). |
| 2. 17 th of February School | - 10:00 hrs (Libya Time). |
| 3. Al Ssabiaa Al Markzeia High School | - 11:00 hrs (Libya Time). |

Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Phone number: +218 91795 6527;
Ashraf Arefe, Field Engineer, Phone number: +218 917118100

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 Ssabiaa Municipality, Tripoli, Libya 1. Abo Al Kasem Al Mokram School, 2. 17 th of February School, 3. Al Ssabiaa Al Markzeia High School
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit is also arranged on 19 th May 2019 at the below timing: 1. Abo Al Kasem Al Mokram School - 09:00 hrs (Libya Time). 2. 17 th of February School - 10:00 hrs (Libya Time). 3. Al Ssabiaa Al Markzeia High School - 11:00 hrs (Libya Time). Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Phone number: +218 91795 6527; Ashraf Arefe, Field Engineer, Phone number: +218 917118100
Period of Validity of Quotes	<u>120 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: 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 & 2A</u> (FORM FOR SUBMITTING SUPPLIER'S QUOTATION – Annex 2) and (BILL OF QUANTITIES – Annex 2A)</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 80,000.00 for each contract. (Copies of contracts and completion certificates (handover of work) to be provided. The evidence (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"> • Civil Engineer/Project Manager - shall have a Degree in Civil engineering and minimum of 3 years of experience of work. • Electrician – with a minimum of 3 years of experience of work. • Plumber with a minimum of 3 years of experience of work. <p>4. Submission of Implementation Timeline/Meeting the works completion deadline of 90 days.</p> <p>5. Acceptance of General Terms & Conditions for Civil Works.</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within 90 days from the award of contract. Offeror's technical approach shall fully comply with the specifications, drawings and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<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 27 th May 2019, 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 & 2A)</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 /2019/028</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>

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:

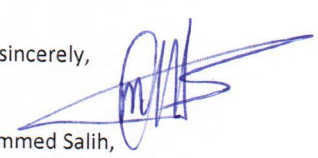
<http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

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 be 'MS', is written over the typed name.

Mohammed Salih,
Programme Coordinator
UNDP Libya

Scope of Work

- 1. Name of Project: Rehabilitation of Abo Al Kasem Al Mokaram School**
Location: Al Ssabiaa Municipality

Scope of Work

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 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 17th of February School**
Location: Al Ssabiaa Municipality

Scope of Work

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.

3. Name of Project: Rehabilitation of Al Ssabiaa Al Markzeia High School
Location: Al Ssabiaa Municipality

Scope of Work

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 two floors.
- Approximate floor area – 900 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete central staircase for access from ground floor up to another 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.
- 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.

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/2019/028- Rehabilitation of 1. Abo Al Kasem Al Mokram School, 2. 17th of February School, 3. Al Ssabiaa Al Markzeia High School- Al Ssabiaa Municipality, Tripoli, Libya.**

Description:	Total (US\$)
1. Abo Al Kasem Al Mokram School (as per priced BOQ – Annex 2A)	
2. 17 th of February School, (as per priced BOQ – Annex 2A)	
3. Al Ssabiaa Al Markzeia High 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. Abo Al Kasem Al Mokram School, 2. 17th of February School, 3. Al Ssabiaa Al Markzeia High School- Al Ssabiaa Municipality, Tripoli, Libya.

RFQ Reference Number: RFQ/LBY/SFL/2019/028

1. Abo Al Kasem Al Mokram School

Item	Description	Unit	Qty	Unit rate in USD	Total amount in USD
A	Demolishing and Preparing				
A1	Demolish and remove floor and wall ceramic tiles, hand wash basins, glazed fireclay European and Estrin W.C. suites, including meters. etc bell the tiles and preparing surfaces for new tiling works. The surplus should be removed to approved dump arsenal as directed by Engineer.	S L	1		
B	Block Works				
	1- All works of this bill shall be of concrete blocks Grade 35 of high quality standards and as per specifications.	Note			
C1	Supply and make 1 coats 15 mm thick cement sand plaster for the two sides of the fence walls. The work shall include fixing of metal mesh at the joints, all according to the specification and engineer approval.	M2	50		
D	Painting Works				
D1	Internal painting for internal wall ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	M2	15		
D2	Internal painting for internal walls, one under coat primer and min. 2-coats of oil paint with all required works. The work shall also include supply and application of one coat of putty with rubbing.	M2	30		
E	Tiling and Marble Works				
E1	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	20		
E2	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	35		
F	Doors, Windows and Metals Works				
	The work shall include supply, fabricate and installation of doors, windows, made out of approved timber to be finish as per the respective specification and the existing doors and windows.	Note			
F1	Supply and fix interior Swedish wood 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		
F2	Maintenance for all wooden doors with 1050x2200x45 mm sizes. The work includes replacing all damaged parts with new one (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	12		

F3	Ditto, but 800x2000x45mm size.				
F4	Supply and fix interior PVC window, size 750 X 1000 mm without frame, constructed of clear glass 4 mm thick panel, side rails from grade1, including spring bolt lock, tilt structing metal arm, approved color, as directed by Engineer.	No	7		
F5	Ditto, but 1250x2200 mm size.	No	1		
F6	Ditto, but 1100x1250 mm size.	No	1		
F7	Ditto, but 1500x2200 mm size.	No	12		
F8	Ditto, but 1000x1500 mm size.	No	2		
F9	Maintenance the external steel main gate door with sizes 4000 x 2500 mm. The work includes adding small door inside the gate with 900x2000mm, replacing all damaged parts with new one, except locks, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, as directed by Engineer.	No	1		
	Total for Civil works. carried to summary				
G	Plumbing & Sanitary Works				
	Plasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of BS 4514.	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	30		
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	40		
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	30		
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	4		
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	1		
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	9		
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	25		
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	1		
G11	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		

G12	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	30		
G13	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	40		
G14	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	L.S	1		
	Total for Mechanical works. carried to summary				
H	Electrical Works.				
	Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order.	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	Supply and install double pole 16 A, 220V, socket outlet. The work includes the earthling cable and removal of old ones and all required works.	No	2		
H3	Supply and install fluorescent lighting fixture 2 X 20-watt water proof type IP 65, for toilets, with plastic cover, 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	12		
	Total for Electrical works. carried to summary				
I	External Works.				
I1	Maintenance the external steel main gate door with sizes 4000 x 2500 mm. The work includes adding small door inside the gate with 900x2000mm, replacing all damaged parts with new one, except locks, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, as directed by Engineer.	No	1		
I2	Supply and fix galvanized steel protection grill for windows, size 1000 X 1500 mm, similar to the existing, including decorations, door lock, all iron monger and hardware, painting with approved paints, as directed by Engineer.	No	2		
	Grand Total for Abo Al Kasem Al Mokram School				

2. 17th of February School

Item	Description	Unit	Qty	Unit rate in USD	Total amount in USD
A	Demolishing and Preparing				
A1	Demolish and remove floor and wall ceramic tiles, hand wash basins, glazed fireclay European and Estrin W.C. suites, including meters. etc bell the tiles and preparing surfaces for new tiling works. The site location should be cleaned, and the surplus should be removed to approved dump arsenal as directed by Engineer.	S L	1		
B	Tiling and Marble Works				
	<ul style="list-style-type: none"> All tilling works shall be measured net in square meters, deducting all openings and voids more than 0.25 mgs. Rate shall include preparation of surfaces under tiles, sand with cement mortar, finish to falls and cross falls, special tile pieces for edges and plastic spacers, pointing and cleaning; all as per specifications and engineer approval. 				

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	90		
C	Painting Works				
	The contractor should allow in his pricing that the engineer may use as many different colors or combination of colors to meet an approved color scheme.				
C1	Internal painting for internal walls and ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	M2	90		
C2	Internal painting for internal walls, one under coat primer and min. 2-coats of oil paint with all required works. The work shall also include supply and application of one coat of putty with rubbing.	M2	250		
D	Doors, Windows and Metals Works				
	The work shall include supply, fabricate and installation of doors, windows, made out of approved timber to be finish as per the respective specification and the existing doors and windows.	Note			
D1	Supply and fix interior Swedish wood 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	3		
D2	Maintenance for all wooden doors with 1050x2200x45 mm 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.	No	13		
D3	Maintenance for all wooden windows with 1200x1750 mm 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.	No	50		
D6	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	M2	50		
	Total for Civil works. carried to summary				
E	Plumbing & Sanitary Works				
	Plasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of BS 4514.	Note			
E1	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		
E2	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		
	Supply and install Poly Propylene (PPR) pipes 1", for potable water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	50		
E3	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	12		
E4	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	3		

E5	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	12		
E6	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	12		
E7	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	60		
E8	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	15		
E9	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		
E10	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	40		
E11	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		
E12	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	60		
E13	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	L.S	1		
	Total for Mechanical works. carried to summary				
F	Electrical Works.				
	Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order.	Note			
F1	Check and test and repair the whole electrical net system, change the damage parts with a new one as engineers provable	S L	1		
F2	Ditto, but 4 mm ² size for external spotlights.	L.M	300		
F4	Supply and fix fluorescent day light lamps, 40-watt, 120 cm, the work includes removal of old ones and all required works.	No	100		
F5	Supplying and fix starters for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	100		
F6	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	Grand Total for 17th of February School				

3. Al Ssabiaa Al Markzeia High School

Item	Description	Unit	Qty	Unit rate in USD	Total amount in USD
A	Demolishing and Preparing				
A1	Demolish and remove damaged floor and roof tiles, Blocks, hand wash basins, glazed fireclay European and Estrin W.C. suites, doors, windows including meters. etc bell the tiles and preparing surfaces for new tiling works. The surplus should be removed to approved dump arsenal as directed by Engineer.	Lum.S	1		
B	Painting Works				

B1	Internal painting for internal wall ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	SQ.M	250		
B2	Internal painting for internal walls, one under coat primer and min. 2-coats of oil paint with all required works. The work shall also include supply and application of one coat of putty with rubbing.	SQ.M	370		
C	Tiling and Marble Works				
C1	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.	SQ.M	60		
C2	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.	SQ.M	120		
D	Doors, Windows and Metals Works				
	The work shall include supply, fabricate and installation of doors, windows, made out of approved timber to be finish as per the respective specification and the existing doors and windows.	Note			
D1	Maintenance galvanized steel doors, with 1400 X 2200 mm size complete with frame, 2 leaves constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints. The gate to be fixed and supported by existing concrete columns of the fence.	No	1		
D2	Ditto, but 1500x2200 mm size.	No	2		
D3	Maintenance the external steel main gate door with sizes 4500 x 2500 mm. The work includes replacing all damaged parts with new one, except locks, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, as directed by Engineer.	No	1		
D4	Maintenance aluminum door, with 1500 X 2200 mm size, similar to the existing, constructed of 2 panel made of 20 mm melamine, stiles and rails from aluminum grade 1, including door lock with handle, and removal of damaged parts and all required works.	No	2		
D5	Maintenance for all wooden doors with 800x2000 mm sizes. The work includes replacing all damaged parts with new one: locks, handles and paints, frames fixation and all needed materials for frames and leaves and rubbing off old paints, and all required works.	No	15		
D6	Ditto, but 1050x2200x45 mm size.	No	10		
D7	Supply and fix interior PVC window size 1200 X 3500 mm without frame, constructed of 1 clear glass 4 mm thick panel, side and rails from grade 1. The work includes spring bolts, pivot arm, removal of damaged windows and approved color.	No	5		
D8	Ditto, but 550x3500 mm size.	No	6		
D9	Ditto, but 700x2000 mm size.	No	2		
D10	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	M2	50		
E	Civil works				
	Plumbing & Sanitary Works				
	Plasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of BS 4514.	Note			
E1	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.	Lin.M	60		

E2	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.	Lin.M	70		
E3	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.	Lin.M	40		
E4	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	9		
E5	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	3		
E6	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	12		
E7	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	15		
E8	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		
E9	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.	Lin.M	50		
E10	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	15		
E11	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.	Lin.M	30		
E12	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.	Lin.M	50		
E13	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.	Lin.M	60		
E14	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	Lum.S	1		
	Total for Mechanical works. carried to summary				
F	Electrical Works.				
	Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order.	Note			
F1	Check and test and repair the whole electrical net system, change the damage parts with a new one as engineers provable	S L	1		
F2	Supply and fix wire 6 mm ² size.	Lin.M	300		
F3	Ditto, but 4 mm ² size.	Lin.M	500		
F4	Ditto, but 2.5 mm ² size.	Lin.M	300		
F5	Supply and fix electrical plunge.	No	30		
F6	Supplying and fix single alighting swatch as directed by Engineer.	No	20		
F7	Supplying and fix double alighting swatch as directed by Engineer.	No	30		

F8	Supply and install 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	40		
F9	Ditto, but 2 X 20-watt water proof type IP 65, for toilets.	No	12		
F10	Supply and fix fluorescent day light lamps, 20-watt, 60 cm, the work includes removal of old ones and all required works.	No	100		
F11	Supplying and fix starters for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	80		
Grand Total for Al Ssabiia Al Markzeia High School					

Summary	
	Amount in USD
Grand Total for Abo Al Kasem Al Mokram School	
Grand Total for 17 th of February School	
Grand Total for Al Ssabiia Al Markzeia High School	
Grand total in words USD	
Name of the contractor:	
Signature and stamp of the contractor	
Date:	

Specifications

Attached



Annex 4

UNDP General Conditions of Contract for Civil Works

Attached