

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

DESCRIPTION: <b>Rehabilitation of 1. Sakina Bent Hussin School, 2. Talae'a Al-Takadom School, 3. Magarba School - Tripoli Center Municipality, Tripoli, Libya</b>	DATE: <b>July 18, 2018</b>
	REFERENCE: <b>RFQ/LBY/SFL/2018/050</b>

We kindly request you to submit your quotation for the following works, as detailed in Annex 1 of this RFQ. Quotations may be submitted on or before **02<sup>nd</sup> August 2018, 14.00 hours** Tripoli, Libya time, ref. [www.greenwichmeantime.com](http://www.greenwichmeantime.com), and via email at [tenders.ly@undp.org](mailto:tenders.ly@undp.org) or hand delivered to the address below:

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

An organized site visit is also arranged on 25<sup>th</sup> July 2018 at the below timing:

- |                              |                           |
|------------------------------|---------------------------|
| 1. Sakina Bent Hussin School | - 11:00 hrs (Libya Time). |
| 2. Talae'a Al-Takadom School | - 13:00 hrs (Libya Time). |
| 3. Magarba School            | - 15:00 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	Tripoli, Libya Rehabilitation of 1. Sakina Bent Hussin School, 2. Talae'a Al-Takadom School, 3. Magarba School Tripoli Center Municipality, Tripoli, Libya						
Preferred Currency of Quotation	United States Dollars (US\$)						
Site visit	An organized site visit is also arranged on 25 <sup>th</sup> July 2018 at the below timing:  <table border="0"> <tr> <td>1. Sakina Bent Hussin School</td> <td>- 11:00 hrs (Libya Time).</td> </tr> <tr> <td>2. Talae'a Al-Takadom School</td> <td>- 13:00 hrs (Libya Time).</td> </tr> <tr> <td>3. Magarba School</td> <td>- 15:00 hrs (Libya Time).</td> </tr> </table> <p>Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Dr. Mohamed Ewaze, Field Engineer, Phone number: +218 91795 6527; + 218 919683397</p>	1. Sakina Bent Hussin School	- 11:00 hrs (Libya Time).	2. Talae'a Al-Takadom School	- 13:00 hrs (Libya Time).	3. Magarba School	- 15:00 hrs (Libya Time).
1. Sakina Bent Hussin School	- 11:00 hrs (Libya Time).						
2. Talae'a Al-Takadom School	- 13:00 hrs (Libya Time).						
3. Magarba School	- 15:00 hrs (Libya Time).						
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 &amp; 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"> <li>• Civil Engineer/Project Manager - shall have a Degree in Civil engineering and minimum of 5 years of experience of work.</li> <li>• Electrician - with a diploma and minimum of 3 years of experience of work of an equivalent nature.</li> <li>• Plumber with a minimum of 3 years of experience of work of an equivalent nature).</li> </ul> <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 &amp; Conditions for Civil Works.</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within <b>120 days</b> from the award of contract. Offeror's technical approach shall fully comply with the specifications, drawings and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<p><b>English</b></p> <p><b>Documents provided in other languages must be translated into English</b></p>
Deadline for the Submission of Quotation	On or before 02 <sup>nd</sup> August 2018, 14.00 hours Tripoli, Libya time, ref. <a href="http://www.greenwichmeantime.com">www.greenwichmeantime.com</a>
Partial Quotes	Not permitted
UNDP will award to	One and only one Vendor
Type of Contract to be Signed	Contract for works
Conditions for Release of Payment	Submission of invoice and acceptance/certification by UNDP Engineer
Annexes to this RFQ	<p>Scope of Works (Annex 1)</p> <p>Form for Submission of Quotation including the BOQ (Annex 2)</p> <p>Specifications (Annex 3)</p> <p>General Terms and Conditions for Civil Works (Annex 4).</p> <p>Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>



Request for clarification	<p>Offerors requesting clarification of any of the items, technical requirements or conditions stipulated in this RFQ shall communicate in writing with UNDP office to <a href="mailto:procurement.ly@undp.org">procurement.ly@undp.org</a> stating the RFQ reference number: RFQ/LBY/SFL/2018/050</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](http://www.un.org/depts/ptd/pdf/conduct_english.pdf)

Thank you and we look forward to receiving your quotation.

Yours sincerely,



Mohammed Salih,  
Programme Coordinator  
UNDP Libya

## Scope of Work

### 1. Name of Project: Rehabilitation of Sakina Bent Hussin School

**Location: Tripoli Center 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" - 50 m x 15m, Two Floor.
- Approximate floor area – 750 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete central staircase for access from ground floor to the first 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: 2 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 Talae'a Al-Takadom School

**Location: Tripoli Center 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 - "Medium" – 60 m x 25 m, Three Floors.
- Approximate floor area – 1500 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Reinforced concrete central staircase for access from ground floor to another up floors
- 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: 2 male, 2 females.
- 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 Magarba School

Location: Tripoli Center 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 - " Medium" - 50 m x 20m, three floors.
- Approximate floor area – 1000 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: 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: 2 male, 2 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.



# 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/2018/050- Rehabilitation of 1. Sakina Bent Hussin School, 2. Talae'a Al-Takadom School, 3. Magarba School - Tripoli Center Municipality, Tripoli, Libya**

Description:	Total (US\$)
1. Sakina Bent Hussin School (as per priced BOQ – Annex 2A)	
2. Talae'a Al-Takadom School (as per priced BOQ – Annex 2A)	
3. Magarba 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. Sakina Bent Hussin School, 2. Talae'a Al-Takadom School, 3. Magarba School - Tripoli Center Municipality, Tripoli, Libya

RFQ Reference Number: RFQ/LBY/SFL/2018/050

## 1. Sakina Bent Hussin School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
<b>A</b>	<b>Demolishing and Preparing</b>				
<b>A1</b>	Demolish and remove damaged floor and roof tiles, 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>D</b>	<b>Painting Works</b>				
	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.				
<b>D1</b>	Internal painting for internal walls and ceiling, one under coat primer and min. 2-coats of emulsion paint with all required works.	SQ.M	100		
<b>D3</b>	Painting of existing wood works (both sided, edges and frame), one under coat primer and min. 2-coats of oil paint for doors, and windows, including rubbing off old paints with all required works. The rate should be paid for overall one plain face of the works.	SQ.M	300		
<b>D4</b>	Painting of existing metal works (both sided, edges and frame), one under coat, primer and min. 2 coats of oil-based paint including rubbing off old paint, surface preparation as per Engineer instructions. The rate should be paid for overall one plain face of the works.	SQ.M	250		
<b>E</b>	<b>Tiling and Marble Works</b>				
	<ul style="list-style-type: none"> <li>All tilling works shall be measured net in square meters, deducting all openings and voids more than 0.25 mgs.</li> <li>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.</li> </ul>				
<b>E1</b>	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	40		
<b>E2</b>	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	130		
<b>F</b>	<b>Doors, Windows and Metals Works</b>				
	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			
	Dismantling of existing water closet doors of overall size 800 X 1900 mm with frame, painting, fixing a new lock and re-fixing at old places after completing wall tiles.	No	7		
	Supply and fix interior UPVC windows, overall size 2200 X 1500 mm with frame, constructed of approved profiles and 3 openable leaves with 4mm clear glass, including handle, all iron monger and hardware,	No	1		



	and all required works.				
	Supply and fix interior solid wood double leaves door, overall size 1750 X 2250 X 50 mm thick with frame, similar to the existing, constructed engrooved panels, mullions, 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	1		
	Maintenance for all internal wooden doors with different sizes. 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, and all required works.	SQ.M	60		
F1	Supply and fix wooden doors' lock with handle, including removing of old lock and all required works.	No	20		
F2	Maintenance for wooden windows with different sizes, includes replacing all damaged parts with new one, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	SQ.M	180		
F3	Supply and fix wooden windows' handle, including removing of old one as directed by Engineer.	No	50		
F4	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	SQ.M	25		
G	<b>Insulation and Expansion Joints Works</b>				
G2	Supply, install and test single layer bituminous sheet 4mm thick for bath rooms floor insulation, lay with 75mm side laps and 100mm end laps, raised 200mm at floor edges and comply with ASTM D751 as directed by Engineer.	SQ.M	40		
	<b>Total for Civil works. carried to summary</b>				
H	<b>Plumbing &amp; Sanitary Works</b>				
	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			
H1	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	80		
H2	Ditto, but pipe size 3/4".	L.M	20		
H4	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	6		
	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	7		
H5	Supply and fix chromium plated mixer for hand wash basin. The work includes water supply pipes 16mm and all related work accessories and fittings.	No	1		
	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	6		
	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	2		
H7	Supply and fix chromium plated water tap 1/2" diameter, including removal of old ones and all required works.	No	6		

H8	Supply and fix chromium plated waste trap for hand washing basins and kitchen sink, including removal of old ones and all required works.	No	1		
H9	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	4		
	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		
H10	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	15		
H11	Supply and install heavy duty cast iron cover of 800 mm dia. For existing water well. The work includes adjustment of existing manhole level and proper bonding of old and new concrete using special approved bonding material.	No	1		
H12	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	Lum.S	1		
	<b>Total for Mechanical works carried to summary</b>				
I	<b>Electrical Works.</b>				
	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			
I1	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 <sup>2</sup> size, according to the specifications, and Engineer instructions.	Lin.M	100		
I2	Ditto, but 2.5 mm <sup>2</sup> size.	Lin.M	200		
I3	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	5		
I4	Supply and install single pole 16 A, 220V, socket outlet. The work includes the earthing cable and removal of old ones and all required works.	No	5		
I5	Supply and install fluorescent lighting fixture 2 X 20-watt water proof type IP 65, for toilets., including 60 cm day light lamps, 3 X 1.5 mm <sup>2</sup> wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	6		
I6	Supply and fix fluorescent day light lamps, 40-watt, 120 cm, the work includes removal of old ones and all required works.	No	80		
I7	Supplying and fix chock coils for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	20		
I8	Supplying and fix starters for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	60		
I9	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	2		
I10	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	<b>Total for Electrical works carried to summary</b>				



## 2. Talae'a Al-Takadom School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
<b>A</b>	<b>Demolishing and Preparing</b>				
<b>A1</b>	Demolish and remove damaged 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>B</b>	<b>Painting Works</b>				
<b>B1</b>	Internal painting for internal walls and ceiling, one under coat primer and min. 2-coats of emulsion paint with all required works.	SQ.M	900		
<b>B2</b>	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	400		
<b>B3</b>	Painting of existing wood works (both sided, edges and frame), one under coat primer and min. 2-coats of oil paint for doors, and windows, including rubbing off old paints with all required works. The rate should be paid for overall one plain face of the works.	SQ.M	100		
<b>B4</b>	Painting of existing metal works (both sided, edges and frame), one under coat, primer and min. 2 coats of oil-based paint including rubbing off old paint, surface preparation as per Engineer instructions. The rate should be paid for overall one plain face of the works.	SQ.M	120		
<b>C</b>	<b>Tiling and Marble Works</b>				
<b>C1</b>	Supply and install white marble (grade A), similar to the existing, 30mm thick for windows and doors sills laid on 20mm thick mortar bed, including all required works.	SQ.M	1		
<b>D</b>	<b>Doors, Windows and Metals Works</b>				
	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			
<b>D1</b>	Supply and fix interior UPVC windows, overall size 2000 X 1200 mm with frame, constructed of approved profiles and 2 openable leaves and 4mm clear glass, including handle, all iron monger and hardware, and all required works.	No	1		
<b>D2</b>	Ditto, but overall size 1500 X 1200 mm with frame.	No	2		
<b>D3</b>	Ditto, but overall size 2300 X 900 mm with frame.	No	1		
<b>D5</b>	Ditto, but overall size 900 X 1000 mm with frame.	No	1		
<b>D6</b>	Supply and fix interior Swedish wood door, size 750 X 2000 X 45 mm thick, with 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	1		
<b>D7</b>	Ditto, but overall size 1200 X 2200 mm with frame.	No	1		
<b>D8</b>	Ditto, but overall size 850 X 2150 mm with frame.	No	3		
<b>D9</b>	Maintenance for all internal wooden doors with different sizes. 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, and all required works.	SQ.M	16		
<b>D10</b>	Supply and fix wooden doors' lock with handle, including removing of old lock and all required works.	No	8		



D11	Maintenance for all internal steel doors with different sizes. 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, and all required works.	SQ.M	12		
D12	Supply and fix steel doors' lock, including removing of old lock and all required works.	No	6		
D13	Maintenance for wooden windows with different sizes, includes replacing all damaged parts with new one, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	SQ.M	120		
D14	Supply and fix wooden windows' handle, including removing of old one as directed by Engineer.	No	30		
D15	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	SQ.M	20		
E	<b>Insulation and Expansion Joints Works</b>				
E1	Supply and fix aluminum cover strips of 150 mm width for expansion joints, including all required works.	Lin.M	12		
	<b>Total for Civil works. carried to summary</b>				
F	<b>Plumbing &amp; Sanitary Works</b>				
	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			
F1	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	50		
F2	Ditto, but pipe size 3/4".	Lin.M	20		
F3	Ditto, but pipe size 1".	Lin.M	30		
F4	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	2		
F5	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	2		
F6	Supply and fix chromium plated mixer for hand wash basin. The work includes water supply pipes 16mm and all related work accessories and fittings.	No	5		
F7	Supply and fix 10-liter plastic flushing cistern for Eastern W.C. suite, including all required works.	No	3		
F8	Supply and fix chromium plated water tap 1/2" diameter, including removal of old ones and all required works.	No	12		
F9	Supply and fix chromium plated waste trap for hand washing basins and kitchen sink, including removal of old ones and all required works.	No	5		
F10	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	5		
F11F	Supply and fix flushing cistern set for European W.C. suite, including all related work accessories and fittings.	No	8		
F12	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	2		
F13	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		

<b>F14</b>	Supply and fix 1' and 1 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		
<b>F15</b>	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	Lum.S	1		
	<b>Total for Mechanical works carried to summary</b>				
<b>G</b>	<b>Electrical Works</b>				
	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			
<b>G1</b>	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 <sup>2</sup> size, according to the specifications, and Engineer instructions.	Lin.M	100		
<b>G2</b>	Ditto, but 2.5 mm <sup>2</sup> size.	Lin.M	200		
<b>G3</b>	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	6		
<b>G4</b>	Supply and install single pole 16 A, 220V, socket outlet. The work includes the earthing cable and removal of old ones and all required works.	No	6		
<b>G5</b>	Supply and install fluorescent lighting fixture 2 X 20-watt water proof type IP 65, for toilets., including 60 cm day light lamps, 3 X 1.5 mm <sup>2</sup> wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	25		
<b>G6</b>	Ditto, but 2 X 20-watt water proof type IP 65, for toilets.	No	9		
<b>G7</b>	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	2		
<b>G8</b>	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	<b>Total for Electrical works carried to summary</b>				

### 3. Magarba School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
<b>A</b>	<b>Demolishing and Preparing</b>				
<b>A1</b>	Demolish and remove damaged floor and roof tiles, hand wash basins, glazed fireclay European and Eastern 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>B</b>	<b>Concrete Works</b>				
<b>B1</b>	Supply and cast smooth finished slopped concrete screed (of mix 0.8 m3 gravel, 0.4 m3 sand, and 250 Kg cement). The screed shall be slopped at minimum 1% and the thickness shall be minimum 5 cm at the water drains. The work shall also include cement fillet (triangles) at roof parapets, complete ready for installation of the waterproofing membrane; all in accordance specifications, drawings and the Engineer instructions.	SQ.M	400		
<b>C</b>	<b>Tiling and Marble Works</b>				
<b>C1</b>	Supply and install cement tiles for roofs, size 200mm X 200mm X 20mm, similar to the existing tiles. The price shall include cement sand mortars bellow tiles, cement sand filling, skirting (the skirting will not be measured and paid separately) sloping toward rain gutters; all	SQ.M	400		



	according to specification and as directed by Engineer.				
<b>D</b>	<b>Painting Works</b>				
	cleaning and polish for any place after paint.				
<b>D1</b>	Internal painting for internal ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	SQ.M	70		
<b>D2</b>	Painting of existing wood works (both sided, edges and frame), one under coat primer and min. 2-coats of oil paint for doors, and windows, including rubbing off old paints with all required works. The rate should be paid for overall plain face of the works.	SQ.M	160		
<b>D3</b>	Painting of existing metal works, one under coat, primer and min. 2 coats of oil-based paint including rubbing off old paint, surface preparation as per Engineer instructions.	SQ.M	160		
<b>E</b>	<b>Doors, Windows and Metals Works</b>				
<b>E1</b>	Supply and fix interior UPVC windows, overall size 1450 X 1500 mm with frame, constructed from approved profiles with 4mm clear glass, including handle, all iron monger and hardware, and all required works.	No	27		
<b>E2</b>	Ditto, but overall size 1300 X 600 mm with frame.	No	1		
<b>E3</b>	Ditto, but overall size 1000 X 800 mm with frame.	No	1		
<b>E4</b>	Maintenance for wooden windows' external leaves with different sizes, includes replacing all damaged parts with new one, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	SQ.M	60		
<b>E5</b>	Supply and fix wooden doors' lock with handle.	No	10		
<b>F</b>	<b>Insulation and Expansion Joints Works</b>				
<b>F1</b>	Supply and install single layer bituminous sheet 4mm thick for bath rooms floor insulation, lay with 75mm side laps and 100mm end laps, raised 200mm at floor edges and comply with ASTM D751.	SQ.M	400		
	<b>Total for Civil works carried to summary</b>				
<b>G</b>	<b>Plumbing &amp; Sanitary Works</b>				
	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			
<b>G1</b>	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	30		
<b>G2</b>	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	2		
<b>G3</b>	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	2		
<b>G4</b>	Supply and fix chromium plated water tap 1/2" diameter, including removal of old ones and all required works.	No	10		
<b>G5</b>	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.	Lin.M	60		
<b>G6</b>	Supply and install UPVC gutter of 4" diameter for rain water drainage. The work includes all related work accessories and fittings.	Lin.M	25		
<b>G7</b>	Supply and fix flushing cistern set for European W.C. suite, including all related work accessories and fittings.	No	4		



<b>G8</b>	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	Lum.S	1		
	<b>Total for Mechanical works carried to summary</b>				
<b>H</b>	<b>Electrical Works</b>				
	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			
<b>H1</b>	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 <sup>2</sup> size, according to the specifications, and Engineer instructions.	Lin.M	100		
<b>H2</b>	Ditto, but 2.5 mm <sup>2</sup> size.	Lin.M	200		
<b>H3</b>	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	15		
<b>H4</b>	Supply and install single pole 16 A, 220V, socket outlet. The work includes the earthing cable and removal of old ones and all required works.	No	15		
<b>H5</b>	Supply and install fluorescent lighting fixture 2 X 20-watt water proof type IP 65, for toilets., including 60 cm day light lamps, 3 X 1.5 mm <sup>2</sup> wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	5		
<b>H6</b>	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	<b>Total for Electrical works. carried to summary</b>				

Summary	
	Amount in USD
<b>Grand Total for Sakina Bent Hussin School</b>	
<b>Grand Total for Talae'a Al-Takadom School</b>	
<b>Grand Total for Magarba School</b>	
Grand total in words USD	
Name of the contractor:	
Signature and stamp of the contractor	
Date:	

Specifications

Attached

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

**Attached**