

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

<b>DESCRIPTION: Rehabilitation of 1. Al-Raja School, 2. Osood Libya School in Al Garabouli Municipality, Tripoli – Libya</b>	<b>DATE: July 10, 2018</b>
	<b>REFERENCE: RFQ/LBY/SFL/2018/046</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 **22<sup>nd</sup> July 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 16<sup>th</sup> July 2018 at the below timing:

1. Al-Raja School - 10:00 hrs (Libya Time).
2. Osood Libya School - 11:00 hrs (Libya Time).

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

Quotations submitted by email must be limited to a maximum of 5MB, transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned works:

Place of contract	Al Garabouli Municipality, Tripoli – Libya Rehabilitation of 1. Al-Raja School, 2. Osood Libya School in Al Garabouli Municipality, Tripoli – Libya
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit is also arranged on 16 <sup>th</sup> July 2018 at the below timing:  <ol style="list-style-type: none"> <li>1. Al-Raja School - 10:00 hrs (Libya Time).</li> <li>2. Osood Libya School - 11:00 hrs (Libya Time).</li> </ol> Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Dr. Mohamed Ewaze, Field Engineer Phone number: : +218 91795 6527; + 218 919683397
Period of Validity of Quotes	<u>90 days - commencing on the submission date</u> In exceptional circumstances, UNDP may request the Offeror to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Offeror shall then confirm the extension in writing, without any modification whatsoever on the Quotation.

Advanced Payment upon signing of contract	Except when the interests of UNDP so require, it is the UNDP's preference to make no advanced payment(s) on contracts (i.e., payments without having received any outputs). In the event that the Bidder requires an advanced payment upon contract signature, and if such request is duly accepted by UNDP, and the said advanced payment exceeds 20% of the total Bid price or exceed the amount of USD 30,000.00 UNDP shall require the Bidder to submit a Bank Guarantee in the same amount as the advanced payment.
Liquidated Damages	Will be imposed under the following conditions: Percentage of contract price per day of delay up to maximum duration of 01 calendar month: .5% per day Max. limit of delay: 15%
Quotation shall include the following:	<p>a. <u>Cover Letter</u>: A cover letter that lists the lead contact person with contact information, confirmation of acceptance to the General Terms &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 (2) 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 University 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 22 <sup>nd</sup> July 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/2018/046</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,



Ermira Basha,  
Operations Manager  
UNDP Libya

## Scope of Works

### 1. Name of Project: Rehabilitation of Al-Raja School

Location: Al Garabouli Municipality, Tripoli, Libya.

#### Objective Services / (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" - 40 m x 15m, Two floors.
- Approximate floor area – 600 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 the first 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: 2 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.

### 2. Name of Project: Rehabilitation of Osood Libya School

Location: Al Garabouli Municipality

#### Objective Services / (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 30 m, one floor.
- Approximate floor area – 900 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- 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/2018/046 - Rehabilitation of 1. Al-Raja School, 2. Osood Libya School in Al Garabouli Municipality, Tripoli – Libya**

Description:	Total (US\$)
1. Al-Raja School (as per priced BOQ – Annex 2A)	
2. Osood Libya School (as per priced BOQ – Annex 2A)	
<b>Grand Total (as per priced BOQ – Annex 2A)</b>	

Currency: United States Dollars

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

Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Position: \_\_\_\_\_

Email: \_\_\_\_\_

Mobile Number: \_\_\_\_\_

Address: \_\_\_\_\_

Authorised Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Rehabilitation of 1. Al-Raja School, 2. Osood Libya School in Al Garabouli Municipality, Tripoli – Libya

## 1. Al-Raja School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
A1	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.	S L	1		
B	<b>Concrete Works</b>				
B1	Supply and place reinforced concrete grade C25. The rate us including the supply and fixing high tensile reinforcing steel (350 Newton/M2) as directed by engineer and plywood formwork. Further the rate includes for supplying, cleaning, cutting, bending, fabricating, placing and the provision of all necessary temporary fixings and supports of reinforcement including binding wires, bends, hooks, tying wires, chairs, distance blocks, steel separators/spacers. For door lintels (200 X 200 X 1500mm).	No	2		
C	<b>Block Works</b>				
C1	Supply & build hollow concrete blocks size 40x20x20cm, built with cement sand mortar (1:4) mix according to technical specification and instruction of Engineer.	M2	30		
D	<b>Plastering Works</b>				
D1	Supply and make internal plastering 25 mm thick for walls and ceiling with cement sand mortar (1:3) mix made of 440 Kg cement + 1 M3 sand. The work includes rough 15 mm primer rendering, finishing coat 10 mm and metal mesh at concrete block work joints, edges and openings.	M2	60		
E	<b>Painting Works</b>				
E1	Internal painting for internal ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	M2	250		
E2	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.	M2	150		
E3	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.	M2	110		
F	<b>Tiling and Marble Works</b>				
	<ul style="list-style-type: none"> <li>All tiling 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>				
F1	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	120		
F2	Supply and install white glazed wall tiles (grade A) size 200mm X 400mm X 4mm, similar to the existing, laid on 20mm mortar (1:3), including all required works.	M2	220		

F3	Supply and install white Carrara marble (grade A) for the kitchen counter-top, size 1200mm x 500mm x 30mm thick. The marble shall be fixed by 4mm galvanized wires and cement grout, supported by dividers according to specification and as directed by Engineer.	No	2		
G	<b>Doors, Windows and Metals Works</b>				
G1	Supply and fix interior wooden door, overall size 950 X 2150 X 45mm thick, with frame, similar to the existing, constructed of 2 panels made of wood chipboards and internal supporting ribs, stiles and rails, all from Swedish wood grade 1, including door lock with handle, approved paints, and all required works.	No	6		
G2	Ditto, but overall size 850 X 2150 X 45mm.	No	1		
G3	Supply and fix interior UPVC doors, size 800 X 2100 mm with frame, constructed of approved profiles and UPVC boards, including door lock, all iron monger and hardware, and all required works.	No	7		
G4	Maintenance for wooden doors with different sizes. The work includes replacing all damaged parts with new ones, locks, handle, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	M2	40		
G5	Ditto, but for steel doors.	M2	10		
G6	Supply and fix wooden windows' internal leaf, overall size 450 X 1000 X 45 mm thick, made of Swedish wood and 4mm clear glass, including handle, all iron monger and hardware, and all required works.	No	5		
G7	Maintenance for wooden windows with different sizes, includes replacing all damaged parts with new ones, locks, handle and glass, frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	M2	50		
G8	Supply and fix locks and handles for steel doors.	No	5		
G9	Supply and fix a UPVC partition of overall size 3500 mm X 3500 mm, constructed of high quality approved profiles, including all iron and hardware, as directed by Engineer.	No	1		
G10	Supply and fix wired glass 4 mm thick, similar to the existing, as directed by Engineer.	M2	10		
H	<b>Insulation Works</b>				
H1	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.	M2	60		
	<b>Total for Civil works. carried to summary</b>				
I	<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			
I1	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	120		
I2	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		
I3	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	40		



14	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10 litre 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	3		
15	Supply and fix white glazed fireclay Eastern W.C. suite, made of vitreous china to BS 3402 (grade A), with 10 litre 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	4		
16	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	6		
17	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	10		
18	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	8		
19	Supply and install UPVC pipes 1 1/2", for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	70		
110	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	80		
111	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		
112	Supply & fix porcelain kitchen sink with two bowls, overall size 1200 X 500 mm, made of vitreous china to BS 3402 (grade A), complete with all water supply pipes 16mm, swan neck chrome plated mixer and waste trap. The work includes all related work accessories and fittings.	No	1		
113	Supply and fix white glazed fire clay foot tub shower with single hole faucet, size 760 x 760 mm, made of vitreous china to BS 3402 (grade A), complete with chromium plated mixer and shower pipe. The work includes all related work accessories and fittings.	No	2		
114	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		
115	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	2		
116	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	L.S	1		
	<b>Total for Mechanical works carried to summary</b>				
J	<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			

J1	Supply and install connect and commission, flexible electrical wires of 750 V grade and comply with BS 6500 Table 12, insulated with PVC of 4 mm <sup>2</sup> size, according to the specifications, and Engineer instructions.	L.M	100		
J2	Ditto, but 6 mm <sup>2</sup> size.	L.M	50		
J3	Ditto, but 2.5 mm <sup>2</sup> size.	L.M	200		
J4	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	20		
J5	Ditto, but double pole 16 A, 220 V.	No	20		
J6	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	20		
J7	Supply and install fluorescent lighting fixture 2 X 40 watt with plastic cover, including 120 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	20		
J8	Ditto, but 2 X 20-watt water proof type IP 65, for toilets.	No	10		
J9	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	4		
J10	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
<b>Grand Total for Al-Raja School carried to Summary</b>					

## 2. Osood Libya School in Al Garabouli Municipality, Tripoli – Libya

Item	Description	Unit	Qty	Rate in USD	Amount in USD
A	Demolishing and Preparing				
A1	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.	S L	1		
B	Plastering Works				
B1	Repair damaged plaster around door and window frames with cement sand mortar (1:3) mix made of 440 Kg cement + 1 M3 sand.	L.M	100		
C	Painting Works				
C1	Internal painting for internal ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	M2	200		
C2	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.	M2	120		
C3	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.	M2	80		
D	Tiling and Marble Works				
D1	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	M2	60		



	specifications and Engineer instructions.				
D2	Supply and install white glazed wall tiles (grade A) size 200mm X 200mm X 4mm, similar to the existing, laid on 20mm mortar (1:3), including all required works.	M2	25		
E	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			
	<u>Painting / Final Finish</u>				
	Unless otherwise stated all surface of timber doors & windows and casements and door sashes shall be applied with two coat of wood preservative, two coats of primer, two coats of approved paint, paint type and finishing shall be similar to the paint finishing of the existing doors and windows.				
E1	Supply and fix interior wooden door, overall size 1000 X 2150 X 45mm thick, with frame, similar to the existing, constructed of 2 panels made of wood chipboards and internal supporting ribs, stiles and rails, all from Swedish wood grade 1, including door lock with handle, approved paints, and all required works.	No	3		
E2	Maintenance for wooden doors with different sizes. The work includes replacing all damaged parts with new ones (except locks), frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	M2	25		
E3	Ditto, but for steel doors.	M2	10		
E4	Supply and fix interior UPVC window, overall size 1200 X 850 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		
E5	Maintenance for wooden windows with different sizes, includes replacing all damaged parts with new ones (except handle and glass), frames fixation and all needed iron monger and hardware for frames and leaves and rubbing off old paints, and all required works.	M2	30		
E6	Supply and fix wooden doors' lock with handle, including removing of old lock and all required works.	No	20		
E7	Ditto, but for steel doors.	No	5		
E8	Supply and fix wooden window' handle, including removing of old handle and all required works.	No	30		
E9	Supply and fix wired glass 4 mm thick, similar to the existing, as directed by Engineer.	M2	30		
	Total for Civil works. carried to summary				
F	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			
F1	Supply and install Poly Propylene (PPR) pipes 1/2", for potable water network. The work includes all tees, bends, and all related work	L.M	120		



	accessories and fittings.				
F2	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		
F3	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	40		
F4	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10 litre 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	3		
F5	Supply and fix white glazed fireclay Eastern W.C. suite, made of vitreous china to BS 3402 (grade A), with 10 litre 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	5		
F6	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	6		
F7	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	6		
F8	Supply and install UPVC pipes 1 1/2", for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	70		
F9	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	5		
F10	Supply and install UPVC pipes 4", for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	80		
F11	Ditto for rain water drainage.	L.M	40		
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		
F14	Supply and fix 1' and 2 HP horizontal centrifugal pump, one flange and 50 HZ motor, installed on potable water main to supply the water tank. The work includes all related work accessories and fittings.	No	2		
F15	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				
G	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			
G1	Supply and install connect and commission, flexible electrical wires of 750 V grade and comply with BS 6500 Table 12, insulated with PVC of 4 mm <sup>2</sup> size, according to the specifications, and Engineer instructions.	L.M	100		

G2	Ditto, but 6 mm <sup>2</sup> size.	L.M	50		
G3	Ditto, but 2.5 mm <sup>2</sup> size.	L.M	200		
G4	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	20		
G5	Ditto, but double pole 16 A, 220 V.	No	20		
G6	Supply and install single pole 16 A, 220V, socket outlet. The work includes the earthling cable and removal of old ones and all required works.	No	20		
G7	Supply and install fluorescent lighting fixture 1 X 40 watt with plastic cover, including 120 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	9		
G8	Ditto, but 2 X 40 watt.	No	30		
G9	Ditto, but 2 X 20-watt water proof type IP 65, for toilets.	No	10		
G10	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	3		
G11	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	Total for Electrical works. carried to summary				

Summary	
	Amount in USD
Grand Total for Al-Raja School	
Grand Total for Osood Libya School	
Grand total in USD	
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