

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

DESCRIPTION: Rehabilitation of 1. Omar Ebn Al-khattab School, 2. Al-Nidhal School, 3. Ebn Alhasan School, in Souq Al Khamees Municipality, Tripoli, Libya	DATE: August 5, 2018 REFERENCE: RFQ/LBY/SFL/2018/065
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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 **15th August 2018, 14:00 hours** Tripoli, Libya time, ref. www.greenwichmeantime.com and via email at tenders.ly@undp.org or hand delivered to the address below:

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

An organized site visit is also arranged on 8th August 2018 at the below timing:

- | | |
|--------------------------------|---------------------------|
| 1. Omar Ebn Al-khattab School, | - 10:00 hrs (Libya Time). |
| 2. Al-Nidhal School, | - 12:00 hrs (Libya Time). |
| 3. Ebn Alhasan School, | - 14:00 hrs (Libya Time). |

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

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

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

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

Place of contract	Tripoli, Libya Rehabilitation of 1. Omar Ebn Al-khattab School, 2. Al-Nidhal School, 3. Ebn Alhasan School, in Souq Al Khamees Municipality, Tripoli, Libya
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit is also arranged on 8 th August 2018 at the below timing: 1. Omar Ebn Al-khattab School, - 10:00 hrs (Libya Time). 2. Al-Nidhal School, - 12:00 hrs (Libya Time). 3. Ebn Alhasan School, - 14:00 hrs (Libya Time). Focal Person(s): Mr. Ala Dhiem, Project Coordinator, Dr. Mohamed Ewaze, Field Engineer, Phone number: +218 91795 6527; + 218 919683397
Period of Validity of Quotes	<u>90 days - commencing on the submission date</u> In exceptional circumstances, UNDP may request the Offeror to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Offeror shall then confirm the extension in writing, without any modification whatsoever on the Quotation.

Advanced Payment upon signing of contract	Except when the interests of UNDP so require, it is the UNDP's preference to make no advanced payment(s) on contracts (i.e., payments without having received any outputs). In the event that the Bidder requires an advanced payment upon contract signature, and if such request is duly accepted by UNDP, and the said advanced payment exceeds 20% of the total Bid price or exceed the amount of USD 30,000.00 UNDP shall require the Bidder to submit a Bank Guarantee in the same amount as the advanced payment.
Liquidated Damages	Will be imposed under the following conditions: Percentage of contract price per day of delay up to maximum duration of 01 calendar month: 5% per day Max. limit of delay: 15%
Quotation shall include the following:	<p>a. <u>Cover Letter</u>: A cover letter that lists the lead contact person with contact information, confirmation of acceptance to the General Terms & Conditions for Civil Works (signed/stamped)</p> <p>b. <u>General Information</u>: Include a description of the firm/company's history and experience to demonstrate that the firm/company has the capacity to undertake the works.</p> <p>c. <u>Business Licenses</u>: Valid business license in general construction works. Interested bidders must have appropriate permission/registration from relevant Government body to operate in Libya (copy must be provided with the quote)</p> <p>d. <u>Experience</u>: List and value of similar projects performed in past, plus client's contact details who may be contacted for further information on those contracts.</p> <p>A minimum number of similar 2 contracts implemented in past. <u>Copies of contracts and completion certificates (handover of work) to be provided.</u></p> <p>e. <u>Project Schedule</u>: An outline of the firm/company's proposed timeline reflecting start and completion dates of works including:</p> <p>f. List of proposed personnel with CV's showing relevant experience and qualification.</p> <p>g. Signed/stamped Annex 2 (<u>FORM FOR SUBMITTING SUPPLIER'S QUOTATION</u>) and Annex 2A (<u>BILL OF QUANTITIES</u>)</p>
Evaluation method to be used in selecting the most responsive Bid	Lowest priced offer of technically qualified/responsive quotation

Evaluation Criteria	<p>1. Minimum no. of years of experience in construction (civil works)/renovation works: 3 (three)</p> <p>2. Capacity to undertake mixture of the construction and renovation works, including previous experience with same types of works, availability of equipment and materials and current workload.</p> <p>2.1. The company should have completed at least two similar in nature contracts with the contract value of USD 100,000.00 for each contract. (Copies of contracts and/or completion certificates (handover of work) to be provided.</p> <p>2.2. Qualifications and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment.</p> <ul style="list-style-type: none"> • Civil Engineer/Project Manager - shall have a Degree in Civil engineering and minimum of 5 years of experience of work. • Electrician - with a diploma and minimum of 3 years of experience of work of an equivalent nature. • Plumber with a minimum of 3 years of experience of work of an equivalent nature). <p>3. Submission of Implementation Timeline/Meeting the works completion deadline of <u>120</u> days or shorter.</p> <p>4. Acceptance of General Terms & Conditions for Civil Works.</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within 120 days from the award of contract. Offeror's technical approach shall fully comply with the specifications, drawings and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<p>English</p> <p>Documents provided in other languages must be translated into English</p>
Deadline for the Submission of Quotation	On or before 15 th August 2018, 14:00 hours Tripoli, Libya time, ref. www.greenwichmeantime.com
Partial Quotes	Not permitted
UNDP will award to	One and only one Vendor
Type of Contract to be Signed	Contract for works
Conditions for Release of Payment	Submission of invoice and acceptance/certification by UNDP Engineer
Annexes to this RFQ	<p>Scope of Works (Annex 1)</p> <p>Form for Submission of Quotation including the BOQ (Annex 2)</p> <p>Specifications (Annex 3)</p> <p>General Terms and Conditions for Civil Works (Annex 4).</p> <p>Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>

Request for clarification	<p>Offerors requesting clarification of any of the items, technical requirements or conditions stipulated in this RFQ shall communicate in writing with UNDP office to procurement.ly@undp.org stating the RFQ reference number: RFQ/LBY/SFL /2018/065</p> <p>All the enquiries should be made five days prior to deadline. Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the offerors.</p>
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The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail, and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Contract/Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP herein attached as Annex 4.

UNDP is not bound to accept any quotation, nor award a Contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process.

In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:


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

UNDP encourages every prospective Vendor to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link: http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your quotation.

Yours sincerely,



Mohammed Salih,
Programme Coordinator
UNDP Libya

Scope of Work

1. Name of Project: Rehabilitation of Omar Ebn Al-khattab School

Location: Souq Al Khamees 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" - 35 m x 15m, one Floor.
- Approximate floor area – 400 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: Wood.
- Doors: timber frame external, steel security doors.
- Floors: Ceramic floor tiles in toilets, in-situ color chips elsewhere.
- Wall finishes- internal and external - plaster and paint.
- Rainwater disposal: Concealed GS gutter and downpipes.
- Roof structure: Reinforced concrete slab
- Toilets: 1 male, 1 female.
- Kitchen facilities: 1 tea room.
- Plumbing: GI water supply pipes, bronze valves, PVC sewage/sanitation pipes, ceramic toilets, sinks, steel sinks in kitchen.
- Electrical/lighting: Concealed conduits, fluorescent lighting throughout.
- Security: Steel security bars on all windows, steel doors at main entrance and safe room, steel shutters on safe room windows.

2. Name of Project: Rehabilitation of Al-Nidhal School

Location: Souq Al Khamees 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" - 35 m x 30m, one floor.
- Approximate floor area – 700 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.
- 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 Ebn Alhasan School

Location: Souq Al Khamees 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 - "Large " - 60 m x 60m, one Floor.
- Approximate floor area – 1700 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: 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.

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/2018/065- Rehabilitation of 1. Omar Ebn Al-khattab School, 2. Al-Nidhal School, 3. Ebn Alhasan School, in Souq Al Khamees Municipality, Tripoli, Libya.**

Description:	Total (US\$)
1. Omar Ebn Al-khattab School (as per priced BOQ – Annex 2A)	
2. Al-Nidhal School (as per priced BOQ – Annex 2A)	
3. Ebn Alhasan 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. Omar Ebn Al-khattab School, 2. Al-Nidhal School, 3. Ebn Alhasan School, in Souq Al Khamees Municipality, Tripoli, Libya

RFQ Reference Number: RFQ/LBY/SFL/2018/065

1. Omar Ebn Al-khattab School

Item	Description	Unit	Qty	Rate in USD	Amount in USD
A	Sire works and Excavation				
A1	General site cleaning and levelling works as directed by Engineer.	L.S.	1		
A2	Excavation for foundation as shown on drawings in any material except rock. Rate is included for back filling, levelling and dispose of surplus material where Engineer direct.	M3	9		
A3	Supply tools, materials and equipment for backfilling of the building ground by clean empty of debris soil by layers of 20 cm/each with water spraying and compaction.	M3	15		
A4	Post construction works and clean up.	L.S.	1		
B	Concrete Works				
B1	Supply and place plain concrete under foundation with thickness of 100mm of mix ratio (1:4:8) according to drawings and specifications and as directed by the Engineer.	M2	6		
B2	Ditto for floors, 150mm thick including ground compaction and levelling, 150 mm hardcore layer as directed by Engineer.	M2	18		
B3	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 foundation, sub-columns, and tie beams.	M3	5		
B4	Ditto for RCC columns and lintels.	M3	2		
B5	Ditto for RCC roof beams and slabs.	M3	10		
B6	Supply and cast plain concrete grade C25, 150 mm thick and 1200 mm wide sidewalks around the building. The rate includes ground compaction and levelling, 150 mm hardcore layer, expansion joint filled with approved bituminous mix, levelled surfaces, ramp adjustments at door openings and all required works as directed by Engineer.	M2	26		
C	Block Works				
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	85		
D	Plastering Works				
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	100		
D2	Supply and make external plastering 25 mm thick. The work includes rough 15 mm primer rendering with cement sand mortar (1:3) mix and metal mesh at concrete block work joints, edges and openings, finishing 10 mm coat with 350 Kg cement+ 580 Kg limestone powder + 1170 Kg sand mix, and Tyrolean finish of required colours.	M2	80		

E	Painting Works				
E1	Supply & paint internal walls with colored emulsion paint (Supercryle) with one under coat primer and min. 2-coats of emulsion paint. The work shall also include removing the old paints, cleaning, preparation of surface and puttying, and all required works.	M2	50		
E2	Supply & paint internal ceiling with water proof colored emulsion paint (Supercryle) with one under coat primer and min. 2-coats of emulsion paint. The work shall also include removing the old paints, cleaning, preparation of surface and puttying, and all required works.	M2	80		
F	Tiling and Marble Works				
F1	Supply and install cement tiles for roofs, size 200mm X 200mm X 20mm, installed with cement sand mortar made of 250 Kg cement + 1 M3 sand, including skirting of the same type, slopes toward rain gutters and all required works.	M2	24		
F2	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		
F3	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	70		
F4	Supply and install white Carrara marble (grade A), 30mm thick for windows sills laid on 20mm thick mortar bed, including all required works.	M2	3		
G	Doors, Windows and Metals Works				
G1	Supply and fix interior UPVC doors, overall size 1000 X 2200 mm with frame, constructed of approved profiles and UPVC boards, including door lock, all iron monger and hardware, and all required works.	No	1		
G2	Ditto, but overall size 850 X 2100 mm with frame.	No	4		
G3	Supply and fix interior UPVC windows, overall size 1500 X 600 mm with frame, constructed of approved profiles and 4mm clear glass, including handle, all iron monger and hardware, and all required works.	No	2		
G4	Supply and fix steel door, overall size 1000 X 2200 mm with frame, constructed of 2 panels made of 2 mm single galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints, and all required works.	No	1		
G5	Supply and fix galvanized steel protection grill for windows, size 1500 X 600 mm, including all iron monger and hardware, painting with approved paints, and all required works.	No	2		
H	Insulation and Expansion Joints Works				
H1	Supply & paint 2 coats of bitumen protection coating on all RCC for foundation, sub-columns, and tie beams. The work shall also include cleaning, preparation of surface and all required works as directed by Engineer.	M2	30		
H2	Supply and install double layer bituminous sheet 4mm thick for floor and roof insulation, lay with 75mm side laps and 100mm end laps, raised 200mm at floor edges and comply with ASTM D751.	M2	45		
I	Plumbing & Sanitary Works				
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	30		
I2	Ditto, but pipe size 3/4".	L.M	10		
I3	Ditto, but pipe size 1".	L.M	40		
I4	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		

I5	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	3		
I6	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and all required works.	No	3		
I7	Supply and fix chromium plated water tap 1/2" diameter, including removal of old ones and all required works.	No	4		
I8	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	15		
I9	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	3		
I10	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		
I11	Ditto for external underground waste drainage. The work includes trench excavation, backfilling, levelling to slope, connecting to existing manholes and all related work accessories and fittings.	L.M	30		
I12	Supply and build an inspection chamber of concrete (C25), (450*600 mm internal) and depth to invert not exceeding 1 meter, the item includes excavation, concrete, backfilling, and heavy-duty cover and frame complete, chamber wall and bottom is 150mm thick all according to the technical specifications	No	2		
I13	Supply and install UPVC gutter of 4" diameter for rain water drainage. The work includes all related work accessories and fittings.	No	2		
I14	Supply and install UPVC pipes of 4" diameter for rain water drainage. The work includes all tees, bends, and all required fittings and accessories works as directed and approved by Engineer.	L.M	10		
I15	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	L.S	1		
J	Electrical Works				
	Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.	Note			
J1	Supply install connect and test single pole two-way switch, 220V, 16A, complete inside rigid PVC conduits, junction boxes, covers and all necessary accessories. Wires shall be single core PVC insulated of 2.5 mm ² section and comply with BS 6004 Table 5, and of 600/1000V grade.	No	2		
J2	Supply install connect and test flush mounting socket outlet (2P+E), 220V/16A, inside rigid PVC conduits, junction boxes, covers and all necessary accessories. Wires shall be single core PVC insulated of 4 mm ² section and comply with BS 6004 Table 5, and of 600/1000V grade.	No	2		
J3	Supply and install fluorescent lighting fixture 2 X 20-watt water proof type IP 65 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	5		
J4	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	2		
	Grand Total Omar Ebn Al-khattab School carried to summary				

2. Al-Nidhal School

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 estrean 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 areas, all as directed by Engineer.	S L	1		
B	Painting Works				
B1	Internal painting for internal ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	M2	900		
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.	M2	500		
B3	External painting (weather shield) for exterior school walls, one under coat primer and min. 2-coats of paint. The work includes repairing damaged plaster up to 20 X 20 cm and cleaning the surface and all required works	M2	600		
B4	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	40		
B5	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. The rate should be paid for overall one plain face of the works.	M2	20		
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.	M2	20		
C2	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	65		
C3	Supply and install white marble (grade A), 30mm thick for windows sills laid on 20mm thick mortar bed, including all required works.	M2	15		
D	Doors, Windows and Metals Works				
D1	Dismantling of existing water closet doors of overall size 800 X 2100 mm with frame, painting, fixing a new lock and re-fixing at old places after completing wall tiles.	No	4		
D2	Dismantling of existing interior aluminium windows, overall size 800 X 1200 mm with frame, replacing all damaged parts with new one (except handle and glass) and re-fixing at old places after completing window sills.	No	32		
D3	Ditto, but overall size 1200 X 1700 mm with frame.	No	18		
D4	Dismantling of existing window protection grills, overall size 800 X 1200 mm with frame, replacing all damaged parts with new one, painting and re-fixing at old places after completing window sills.	No	32		
D5	Ditto, but overall size 1200 X 1700 mm with frame.	No	18		
D6	Maintenance for 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.	M2	20		
D7	Ditto, but for aluminium doors.	M2	12		
D8	Ditto, but for steel doors.	M2	10		

D9	Supply and fix wooden doors' lock with handle, including removing of old lock and all required works.	No	10		
D10	Ditto, but for aluminium doors.	No	4		
D11	Ditto, but for steel doors.	No	5		
D12	Supply and fix aluminium windows' handle, including removing of handle one as directed by Engineer.	No	20		
D13	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	M2	10		
E	Insulation and Expansion Joints Works				
E1	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.	M2	20		
F	Plumbing & Sanitary Works				
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.	L.M	30		
F2	Ditto, but pipe size 3/4".	L.M	15		
F3	Ditto, but pipe size 1 1/2".	L.M	15		
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	4		
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	4		
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	2		
F7	Supply and install floor waste trap, size 150 X 150 mm, including chromium plated cover and 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	6		
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	2		
F10	Supply and fix flushing cistern set for European W.C. suite, including all related work accessories and fittings.	No	2		
F11	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	4		
F12	Supply and install UPVC pipes 1 1/2", for waste water network. The work includes all tees, bends, and all related work accessories and fittings.	L.M	20		
F13	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	10		
F14	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	25		
F15	Supply and fix electrical water heater, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm dia., chromium plated control valve, non-return valve and all required works.	No	1		
F16	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		
F17	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	1		

F18	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	L.S	1		
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 labour 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 10 mm ² size, according to the specifications, and Engineer instructions.	L.M	100		
G2	Ditto, but 2.5 mm ² size.	L.M	200		
G3	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	15		
G4	Ditto, but double pole 16 A, 220V, lighting switch.	No	10		
G5	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		
G6	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 ² wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	6		
G7	Supply and fix fluorescent day light lamps, 40-watt, 120 cm, the work includes removal of old ones and all required works.	No	60		
G8	Supplying and fix chock coils for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	20		
G9	Supplying and fix starters for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	60		
G10	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	2		
G11	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	Grand Total Al-Nidhal School carried to summary				

3. Ebn Alhasan School

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 estrean 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 areas, all as directed by Engineer.	S L	1		
B	Painting Works				
B1	Internal painting for internal ceiling one under coat primer and min. 2-coats of emulsion paint with all required works.	M2	200		
B2	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	80		
B3	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. The rate should be paid for overall one plain face of the works.	M2	30		
C	Doors, Windows and Metals Works				

C1	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.	M2	30		
C2	Supply and fix interior UPVC windows, overall size 1000 X 600 mm with frame, constructed of approved profiles and 4mm clear glass, including handle, all iron monger and hardware, and all required works.	No	15		
C3	Supply and fix interior UPVC doors, size 700 X 2000 mm with frame, constructed of approved profiles and UPVC boards, including door lock, all iron monger and hardware, and all required works.	No	15		
C4	Supply and fix UPVC window' handle, including removing of old handle and all required works.	No	40		
C5	Supply and fix wooden doors' lock with handle, including removing of old lock and all required works.	No	20		
C6	Ditto, but for steel doors.	No	5		
C7	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	M2	20		
D	Plumbing & Sanitary Works				
D1	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	120		
D2	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	12		
D3	Supply and fix chromium plated water tap 1/2" diameter, including removal of old ones and all required works.	No	15		
D4	Supply and fix chromium plated waste trap for hand washing basins and kitchen sink, including removal of old ones and all required works.	No	12		
D5	Supply and fix flushing cistern set for European W.C. suite, including all related work accessories and fittings.	No	15		
D6	Supply and fix PPR valves of 1/2, 3/4 and 1" diameter and remove old ones, including all required works.	No	8		
D7	Supply and fix electrical water heater, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm dia., chromium plated control valve, non-return valve and all required works.	No	2		
D8	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		
D9	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		
D10	Careful cleaning of blocked waste water pipes and sewage manholes, according to the specifications, and Engineer instructions.	L.S	1		
E	Electrical Works				
E1	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	100		
E2	Ditto, but 2.5 mm ² size.	L.M	200		
E3	Supply and install single pole 16 A, 220V, lighting switch, the work includes removal of old ones and all required works.	No	20		
E4	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		
E5	Supply and install fluorescent lighting fixture 2 X 40 watt, including 120 cm day light lamps, 3 X 1.5 mm ² wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	24		

E6	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 mm2 wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	16		
E7	Supply and fix fluorescent day light lamps, 40-watt, 120 cm, the work includes removal of old ones and all required works.	No	50		
E8	Supplying and fix chock coils for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	15		
E9	Supplying and fix starters for fluorescent fixture of all sizes, the work includes removal of old ones and all required works.	No	50		
E10	Supply and fix electrical air extractor, size 300 X 300 mm. The work includes all related work accessories and fittings.	No	4		
E11	Supplying and fix external spotlight with 1000-watt halogen lamp. The work includes all related work accessories and fittings.	No	4		
	Grand Total Ebn Alhasan School carried to summary				

Summary	
	Amount in USD
Grand Total for Omar Ebn Al-khattab School	
Grand Total for Al-Nidhal School	
Grand Total for Ebn Alhasan 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