

REQUEST FOR QUOTATION (RFQ)
(Civil Works)

DESCRIPTION: Rehabilitation of Omar Al-Mukhtar School	DATE: October 22, 2020
Derna Municipality, Libya	REFERENCE: RFQ/LBY/SFL/2020/088

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 **05th November 2020 at 14:00 hours** Tunis, Tunisia time, ref. www.greenwichmeantime.com and via email at tenders.ly@undp.org.

An organized site visit, subject to government movement restrictions, is arranged for 29th October 2020, at 11:00 hours, Libya time, at below mentioned place.

- The Location of the School is in the Al-Jabila, Derna Municipality, Libya with GPS coordinates; 32.770918, 22.636017.

Focal Person(s):

Eng Mosadk Elspei Phone: +218 92-5794896

Eng. Najib Ellyas. Project Coordinator Phone+218 925431675

Quotations submitted by email must be limited to a maximum of 10 MB, 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	The School is located in Al-Jabila, Derna Municipality, Libya with GPS coordinates; 32.770918, 22.636017
Preferred Currency of Quotation	United States Dollars (US \$)
Site visit	An organized site visit is arranged for 29 th October 2020, at 11:00 hrs (Libya Time) Focal Person(s): Eng Mosadk Elspei Phone+218 92-5794896 Najib Ellyas. Project Coordinator Phone +218 925431675
Period of Validity of Quotes	120 days - commencing on the submission date In exceptional circumstances, UNDP may request the Offeror to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Offeror shall then confirm the extension in writing, without any modification whatsoever on the Quotation.

Advanced Payment upon signing of contract	Except when the interests of UNDP so require, it is the UNDP's preference to make no advanced payment(s) on contracts (i.e., payments without having received any outputs). In the event that the Bidder requires an advanced payment upon contract signature, and if such request is duly accepted by UNDP, and the said advanced payment exceeds 20% of the total Bid price or exceed the amount of USD 30,000.00 UNDP shall require the Bidder to submit a Bank Guarantee in the same amount as the advanced payment.
Liquidated Damages	Will be imposed under the following conditions: Percentage of contract price per day of delay up to maximum duration of 01 calendar month: 0.5% per day Max. limit of delay: 10%
Performance Security	<p>Required: In lieu of Performance security, contract will be subject to a deduction of 10 % (TEN) percent of the amount accepted for the payment as security deposit from all progressive payments.</p> <p>This amount will be kept as Retention to cover the Defect Liability period* of 6 months after Contract completion date. Retention amount could be replaced with the Bank Guarantee issued by reputable International Bank.</p> <p>a. The proceeds of the Performance Security shall be payable to UNDP as a compensation for any loss resulting from the Contractor's failure to complete its obligations under the contract.</p> <p>b. Upon successful completion of Defect Liability Period of 6 months and upon issuance of completion certificate, UNDP will release retention money to the Bidder.</p> <p>* Retention Defect Liability is instrument to cover any defects that are discovered or raised in the normal course of usage within 6 months after the works/goods have been put into the service</p>

<p>Quotation shall include the following:</p>	<p>a. <u>General Information and Experience</u>: Include a description of the firm/company's history and experience to demonstrate that the firm/company has the capacity to undertake the works including the list and value of similar projects performed in past, plus client's contact details who may be contacted for further information on those contracts.</p> <p>b. <u>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>c. <u>Copies of Contracts and Completion Certificate</u> of two similar contracts as prime contractor.</p> <p>d. <u>List of proposed personnel with CV's</u> showing relevant experience and qualification.</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. <u>Signed/stamped Annex 2 & 2A</u> (FORM FOR SUBMITTING SUPPLIER'S QUOTATION – Annex 2) and (BILL OF QUANTITIES – Annex 2A)</p>
<p>Evaluation method to be used in selecting the most responsive Bid</p>	<p>Lowest priced offer of technically qualified/responsive quotation</p>

Evaluation Criteria	<ol style="list-style-type: none"> 1. Minimum of 3 (three) years of experience in construction. 2. Capacity to undertake construction/vertical works. The company should have completed as prime contractor at least two (2) similar contracts (rehabilitation or new construction of buildings), with the value not less than USD 100,000.00 per each contract. Copies of contracts and completion certificates (handover of work) have to be provided. 3. Qualification and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment: <ul style="list-style-type: none"> • Civil Engineer /Project Manager - shall have a University Degree in Civil Engineering and minimum of 3 years of experience of work of an equivalent nature. • Electrician – Shall have 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. 4. Submission of Implementation Timeline/Meeting the works completion deadline of 120 days. 5. Acceptance of General Terms & Conditions for Civil Works.
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 and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	English Documents provided in other languages must be translated into English
Deadline for the Submission of Quotation	On or before 05 th November 2020 at 14:00 hours Tunis, Tunisia 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	<input checked="" type="checkbox"/> Scope of Works (Annex 1) <input checked="" type="checkbox"/> Form for Submission of Quotation including the BOQ (Annex 2 & 2 A) <input checked="" type="checkbox"/> Specifications (Annex 3) <input checked="" type="checkbox"/> General Terms and Conditions for Civil Works (Annex 4). Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.
Request for clarification	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/2020/088 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.
Other Information Related to the RFQ	UNDP has zero tolerance for fraud and corruption, meaning that UNDP vendors are not to engage in fraud or corruption. Vendors engaged in fraud and corruption will be subject to sanctions. Fraud includes the submission of fraudulent or misrepresented documents, such as bid securities and financial statements.

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/procurement/business/protest-and-sanctions.html>

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

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

http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your quotation.

Yours sincerely,

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

Shohrukh Abdulloev
Head of Service Centre a.i.
UNDP Libya

SCOPE OF WORK

Rehabilitation of Omar Al-Mokhtar School Derna Municipality, Libya

Introduction

The above Rehabilitation works will be for Construction Omar Al-Mokhtar School, The Location of the project is in Derna Municipality, Libya.

The Rehabilitation Construction works referred to in the Bill of Quantity and the Technical Specification is planned under Stabilization Facility for Libya Project (SFL stronger) led by Government of National Accord (GNA) and implemented by United Nation Development Programme (UNDP).

Scope of Works

- Number of Classroom: 26 Classroom, 3 Laboratories
- Number of beneficiaries: 800

School Structures are described briefly below:

School Building:

- Approximate size - " Medium" - 54 m x 42m, Three Story Building.
- Approximate floor area –2000 m2.
- Structure: Reinforced concrete foundations, columns and beams.
- Walls - brick masonry.
- Windows: PVC.
- Doors: timber frame external, steel security doors.
- Floors: Ceramic floor tiles in toilets, Terrazzo tiles elsewhere.
- Wall finishes- internal and external - plaster and paint.
- Rainwater disposal: Concealed GS gutter and downpipes.
- Roof structure: Reinforced concrete slab
- Toilets: 2 males, 2 females.
- Kitchen facilities: 1 tearoom.
- 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 doors at main entrance and safe room.

Required Task:

- Demolish and remove damaged floor tiles, hand wash basins, glazed fireclay European and eastern W.C. suites, doors, windows and walls 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.
- Cast concrete for leveling for the existing roofs.
- Plastering for external and internal walls and ceilings.
- Painting for external and internal walls and ceilings and metal works.
- Tiling and marble work for lounges and stairs.
- Carpentry and metal works for classes doors and entry doors.
- Insulation works for the existing roof.
- Plumbing and sanitary works for bathrooms and kitchens.
- Electrical works for school building.

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/2020/088 - Rehabilitation of Omar Al-Mukhtar School Derna Municipality, Libya**

Description:	Total (US\$)
Total work for Rehabilitation of Omar Al-Mukhtar School Derna Municipality, Libya (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.

We declare that the firm/company or individuals employed by the firm/company are not included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List.

Company Name: _____

Contact Person: _____

Position: _____

Email: _____

Mobile Number: _____

Address: _____

Authorised Signature & Stamp: _____ Date: _____

BILL OF QUANTITIES

Description: Rehabilitation of Omar Al-Mukhtar School Derna Municipality, Libya
RFQ Reference Number: RFQ/LBY/SFL/2020/088

BILL OF QUANTITIES (BOQ)					
Rehabilitation of Sewage Water Pump Stations GT7 & SW1, Benghazi, Libya					
Item	Description	Unit	Qty	Unit rate in US\$	Total Amount in US\$
1	CIVIL WORKS				
A	Demolishing, dismantling and preparatory works:				
A	<p>a. Demolishing and preparing works include the following: Removing the demolished material off site to authorized dumping sites.</p> <p>b. The dismantled materials are the sole property of the client (in case such material is required by the Client).</p> <p>c. The contractor shall coordinate implementation of his daily work activities, working hours, throughout the construction period with the client and the supervising engineer for smooth implementation of the work and to avoid interruption of the functioning building.</p> <p>d. The contractor shall protect and safeguard the existing facilities and building finishes, including the painting, the floor tiles.</p> <p>e. The contractor shall make the necessary temporary water, electrical power connections. etc. And prevent interruption of the power and water supply for the existing functioning building.</p> <p>f. The contractor shall take all necessary measures to ensure safety of his labor and the existing structures, finishes, utilities, services. Etc. and to minimize environmental hazards including</p>	Note			

	pollution, noise and dust.				
A1	Demolish and remove damaged floor tiles, suspended ceiling, air condition ducts, copper and steel pipes, hand wash basins, glazed fireclay European and estrin W.C. suites, doors, windows and walls 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		
A2	Demolish and remove block work walls, concrete slab, damaged floor tiles and all other unwanted material rendered in the existing building and preparing the surfaces ready to start the required rehabilitation works, complete; all in accordance with the Engineer's instructions.	S L	1		
B	Concrete Works				
B1	Supply and cast C20 concrete 150 mm thick slab on grade for leveling layer .The price shall include: leveling, compaction and surface preparation, polythene sheet below slab, steel reinforcement using 6 mm dimeter steel mesh 200X200mm; all required works to complete according to the engineer's instruction and approval.	SQ.M	300		
C	Plastering Works				
C1	Supply and make 2 coats of plastering 25 mm thick for internal 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.	SQ.M	200		
C2	Supply and make 2 coats of plastering 25 mm thick for external walls 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.	SQ.M	1800		
D	Painting and patch painting:				
D1	The work shall include and comply with the following: -Painting material should be of high-quality approved product. -Surface preparation including repairing and peeling off of the damaged or flaked paints,	Note			

	scraping a way any loose paint, applying spackling compound, priming, sanding and all necessary preparatory works to start the new painting. -Painting pattern, finishing and color shall match the existing textures and in accordance with the Engineer's instructions.				
D2	Supply & paint internal walls and ceiling with minimum two coats of approved water-based paint. The work shall include primer coat, two coats of putty, under coat and finishing coats, all according to specification and the Engineer approval. The work shall also include repairing damaged plaster, peeling off damaged old paints, cleaning and surface preparation to receive the new paint, all according to specification and the Engineer approval.	SQ.M	5000		
D3	Supply & paint internal walls and ceiling with minimum two coats of approved oil-based paint. The work shall include primer coat, two coats of putty, under coat and finishing coats, all according to specification and the Engineer approval. The work shall also include repairing damaged plaster, peeling off damaged old paints, cleaning and surface preparation to receive the new paint, all according to specification and the Engineer approval.	SQ.M	2000		
D4	Supply & paint exterior acrylic textured paints for exterior walls and fence, the texture and color to be approved. The work includes repairing damaged plaster up to 20 X 20 cm, rubbing of old paints, cleaning and preparing the surfaces for new works.	SQ.M	2000		
D5	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	200		
E	Tiling Works				
E1	<ul style="list-style-type: none"> • All tiling works shall be measured net in square meters, deducting all openings and voids more than 0.25 mgs. • Rate shall include preparation of surfaces under tiles, sand with cement mortar, finish to falls and cross falls, special tile pieces for edges and plastic spacers, pointing and cleaning; all as per specifications and 	Note			

	engineer approval.				
E2	Supply and install marble (grade A) 20mm thick for entrance and lounge floors, similar to the existing, laid on 20mm thick mortar bed. The price including skirting 20mm thick on the both sides and removal of damaged marble, including all required works.	SQ.M	1		
E3	Ditto, but galaxy.	SQ.M	20		
E4	Supply and install white Carrara Marble size 2000mm x 500mm x 30mm, laid on marble, including all required works according to specifications and Engineer's instructions.	SQ.M	3		
E5	Supply and install marble (grade A) with approved color, 30mm thick for windows and doors sills laid on 20mm thick mortar bed, including all required works.	SQ.M	100		
E6	Supply and install white Carrara marble 20mm thick for floors, for entrance and lounge floors, laid on 20mm thick mortar bed. The price including skirting 20mm thick on the both sides and removal of damaged marble, including all required works.	SQ.M	10		
E7	Supply and install white Carrara marble stair treads 30mm thick with chamfered edges and risers 20mm thick, similar to the existing, laid on 20mm thick mortar bed. The price including skirting 20mm thick on the both sides and removal of damaged marble, including all required works.	L M	10		
E8	Supply and install wall skirting made of white marble (grade A) for stairs, 20mm thick and 160mm height, including all required works.	L M	25		
F	Carpentry and metal works:				
F1	Maintenance for all internal wooden doors and windows with different sizes. The work 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	50		
F2	Supply and fix P.S doors and windows with frame, constructed of approved profiles, and 4mm clear glass, including handle, hardware, and all required works.	SQ.M	10		

F3	Supply and fix interior Swedish wood door (grade A) of compressed plywood with frame, , made of internal wooden slides size 40mm x 20mm connected and compressed by plywood from both sides 4 mm thick, including door lock with handle, approved paints, as directed by Engineer.	SQ.M	5		
F4	Supply and fix galvanized steel door with frame, single leave constructed of 2 panel made of 2 mm single galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints, as directed by Engineer.	SQ.M	5		
F5	Supply and fix galvanized sliding steel door with frame, constructed of 2 panel made of 2 mm single galvanized steel plates, including upper steel beam and bottom steel rail, including door lock, all iron monger and hardware, painting with approved paints, as directed by Engineer.	SQ.M	20		
F6	Supply and fix galvanized steel door with frame, 2 leaves constructed of 2 panel made of 2 mm single galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints, as directed by Engineer.	SQ.M	5		
F7	Supply and fix galvanized steel protection grill for windows, including decorations, all iron monger and hardware, painting with approved paints, as directed by Engineer.	SQ.M	50		
F8	Supply and fix steel doors' lock with handle, including removing of old lock and all required works.	No	8		
F9	Supply and fix wooden doors' lock with handle, including removing of old lock and all required works.	No	5		
F10	Supply and fix aluminum doors' lock with handle, including removing of old lock and all required works.	No	35		
F11	Supply and fix clear glass 4 mm thick, similar to the existing, for broken windows.	No	20		
G	Insulation Works				
G1	Supply and install one-layer waterproofing membrane SBS 4 mm thick on the existing roof. The price shall include removing the existing damaged water proofing layer, repair of damages and surface preparation ready to install the new water proofing	SQ.M	1000		

	membrane, priming and water proofing on the roof parapets 50cm above roof surface .				
1	TOTAL FOR CIVIL WORKS. CARRIED TO SUMMARY				
H	Plumbing & Sanitary Works				
H1	Note: Repairing, connecting, testing, flushing and commissioning of the plumbing and sanitary systems rendered in the building/s and premises. Bidders should visit the site to inspect the extend of damages in the exiting systems and consider such costs and expenses for the repair in their offers. Unless otherwise separately stated in the BoQ items, the repair shall include supplying of all required materials and workmanship, such as pipes, fittings, floor drain, clean out, water mixers, water taps, valves, excavation, breaching and digging in the walls and ceilings, connections to existing systems..etc., and all required repair works to restore the existing plumbing and sanitary and plumbing systems including hot and cold water systems and drainage system, fully functional as accepted by the Engineer and the relevant local authorities. Prior to the commencement of the rehabilitation works, the contractor shall collect all relevant information on the existing systems and submit shop drawings for the repair and obtain the Engineer's approvals. Rehabilitation works shall be carried out in coordination with beneficiaries and Engineer's instructions. All material used such as pipes, fittings and accessories shall confirm to BS 4514 and the relevant applicable Standards.	Note			
H2	Supply and install Poly Propylene (PPR) pipes 3/4", for potable water network. The work include all tees, bends, and all required fittings.	L.M	30		
H3	Supply and install white glazed fire clay standing hand wash basin with overflow and single hole faucet, size 450 x 500 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 include all related work accessories and	No	2		

	fittings.				
H4	Supply & fix porcelain kitchen sink with two bowls, overall size 900 X 450 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 include all related work accessories and fittings.	No	1		
H5	Supply and fix white glazed fireclay European W.C. suite made of vitreous china to BS 3402 (grade A), complete with 10 liter ceramic double action flushing cistern, and fixed chromium plated tap 1/2" , including all water supply pipes 16mm, angle valves, UPVC drainage pipe connecting to the nearest manhole or sewage header and all related work accessories and fittings.	No	2		
H7	Supply and install UPVC pipes 4" and 10 bar pressure, for waste water drainage. The work include all tees, bends, and all related works and fittings.	L.M	50		
H8	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 include all related work accessories and fittings.	No	1		
H9	Supplying and install an upper plastic water tank 2000 liter of high quality, including electrical tank float, thermal and magnetic switch, and all piping and connection works. The work include all related work accessories and fittings	No	1		
H10	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		
H11	Build single gully chamber complete, internal dimensions 600 X 600 mm and 150 mm wall thickness with suitable heavy duty grating, heavy duty cast iron manhole 60kg or P.V.C, and frame as per Engineer instructions.	No	3		
2	TOTAL FOR PLUMBING & SANITARY WORKS ..CARRIED TO SUMMARY				

I	Electrical Work & Mechanical Works				
I	General: - The Contractor shall coordinate with the school administration and the maintenance team and the Engineer during the execution of the work to acquire all necessary basic information on the existing site. - Price shall cover all associated civil works , performing any necessary alteration in the existing walls or ceiling and connections to the existing systems. - All the electrical works shall be executed according to IEEE Standards, specifications and supervisor Engineer instructions. - The contractor shall take all necessary measures to protect his works, ensure safety of his worker and school visitors, and prevent interruption of the ongoing operation of the school during the implementation of the rehabilitation works. -The contractor shall provide project closing documents such as-built drawings, catalogues, manuals and free training to the school maintenance team on the maintenance and operation of the systems rendered in the building.	Note			
I1	Supply, install, test, commissioning a complete 16A single phase single socket outlet socket GEWISS, Bticino or equally approved. The work includes removal of the old ones and all the necessary to complete the work as per the Engineer's instructions.	No	80		
I2	Ditto, but double socket.	No	60		
I3	Supply and install LED ceiling lighting (60x60),40W ,The lighting should be of approved brand (Philips or equivalent) input Voltage AC 220V, 50HZ and the work includes all the necessary to complete the work as per the consultant engineer instructions.	No	60		

I4	Supply, install, test, and commissioning Round LED 20w ,200 mm wall mounted, Luminous Flux 1500lm ,Material of Body Aluminum, Input Voltage AC 220V, 50HZ, Philips or equally approved type. and the work includes all the necessary to complete the work as per the consultant engineer instructions.	No	12		
I5	Supply, install, test, and commissioning Flood Light 150 Watt LED, 15000 Lumens ,100-240V AC, IP65 Waterproof, Housing materials aluminum, LED Life Expectancy 50,000 hours, Ambient temp range -20°C to +80°C, Philips or equally approved type. The work includes all related work accessories and fittings.	No	7		
I6	Supply and installation of copper wire PVC insulated, 600/1000V, similar to Prysmian, BALDASSARE or equally approved type. and the work includes all the necessary to complete the work as per the consultant engineer instructions.	Note			
I6.1	wire size 2.5 (mm ²)	L.M	350		
I6.2	wire size 4 (mm ²)	L.M	150		
I6.3	wire size 6 (mm ²)	L.M	200		
I6.4	wire size 10 (mm ²)	L.M	100		
I7	Supply and fix 18-watt, 60 cm long high-quality fluorescent lamp	No	100		
I8	Supply and fix 32-watt, 120 cm long high-quality fluorescent lamp	No	150		
I9	Supply and fix high quality 500-watt halogen lamp	No	10		
I10	Supply and fix high quality 1000-watt halogen lamp	No	8		
I11	Repairing, testing and maintenance of the electrical system in the building. The price shall include supplying and installation of all needed material and works and provide all missing parts like electrical boards, missing cables, circuit breakers. fix all the system defects to ensure safe operation, (unless	S L	1		

	paid separately in the BoQ items) all in accordance with the requirement of the relevant Standards and the engineer's instructions.				
3	TOTAL FOR ELECTRICAL WORKS. CARRIED TO SUMMARY				
G	External Works				
G1	Supply and install artificial turf 55 mm, third generation, including all related works, all in accordance with the requirement of the relevant Standards and the engineer's instructions.	SQ.M	1300		
4	TOTAL FOR EXTERNAL WORKS. CARRIED TO SUMMARY				

1	TOTAL FOR CIVIL WORKS		
2	TOTAL FOR PLUMBING AND SANITARY WORKS		
3	TOTAL FOR ELECTRICAL WORKS		
4	TOTAL FOR EXTERNAL WOKS		
5	GRAND TOTAL IN WORDS USD:		
6	COMPANY NAME		
7	AUTHORIZED PERSON & POSITION -SIGN AND STAMP		
8	COMPANY ADDRESS		
9	EMAIL		
10	MOBILE NUMBER		
11	DATE		



Annex 3

Specification

Attached



Annex 4

UNDP General Conditions of Contract for Civil Works

Attached