

REQUEST FOR QUOTATION (RFQ) (Works)

DESCRIPTION Rehabilitation of the Building institute, in Sirte	DATE: September 6, 2018
Libya	REFERENCE: RFQ/LBY/SFL/2018/080

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 **19**th **September 2018**, **14:00** hours Tripoli, Libya time, ref. <u>www.greenwichmeantime.com</u> and via email at <u>tenders.ly@undp.org</u> 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 11th September 2018 at the below timing:

Building institute, in Sirte Libya - 10:00 hrs (Libya Time).

Focal Person(s): Algaddafi Saleh Khalifa, Coordinator and Engineer Abdulsalam Musa Marhe Phone number: + 218 91 378 8452 and + 218 91 103 3552

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.

Place of contract	Sirte Libya
	Building institute, in Sirte Libya
Preferred Currency of Quotation	United States Dollars (US\$)
Site visit	An organized site visit is also arranged on 11 th September 2018 at the below timing:
	Building institute, in Sirte Libya - 10:00 hrs (Libya Time).
	Focal Person(s): Algaddafi Saleh Khalifa, Coordinator and Engineer Abdulsalam Musa Marhe; Phone number: + 218 91 378 8452 and + 218 91 103 3552
Period of Validity of Quotes	90 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 prefere no advanced payment(s) on contracts (i.e., payments without having outputs). In the event that the Bidder requires an advanced payment u signature, and if such request is duly accepted by UNDP, and the sa payment exceeds 20% of the total Bid price or exceed the amount of US UNDP shall require the Bidder to submit a Bank Guarantee in the sam 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: 10%

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



Quotation shall include the following:	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)
	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.
	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)
	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.
	A minimum number of similar 2 contracts implemented in past. <u>Copies of contracts</u> and completion certificates (handover of work) to be provided.
	e. <u>Project Schedule</u> : An outline of the firm/company's proposed timeline reflecting start and completion dates of works including:
	f. List of proposed personnel with CV's showing relevant experience and qualification.
	g. Signed/stamped Annex 2 (<u>FORM FOR SUBMITTING SUPPLIER'S QUOTATION</u>) and Annex 2A (<u>BILL OF QUANTITIES)</u>
Evaluation method to be used in selecting the most responsive Bid	Lowest priced offer of technically qualified/responsive quotation
Evaluation Criteria	1. Minimum no. of years of experience in civil works: 3 (three)
	2. The company should have completed at least two similar in nature contracts with the contract value of USD 80,000.00 for each contract. (Copies of contracts and/or completion certificates (handover of work) to be provided.
	3. Qualifications and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment.
	• 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).
	4. Submission of Implementation Timeline/Meeting the works completion deadline of <u>120</u> days or shorter.
	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, drawings and BOQ.
All documentations, including	English
catalogs, instructions and operating manuals, shall be in this language	Documents provided in other languages must be translated into English
Deadline for the Submission of Quotation	On or before 19 th September 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	Scope of Works (Annex 1)
	Form for Submission of Quotation including the BOQ (Annex 2)
	Specifications (Annex 3)
	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 <u>procurement.ly@undp.org</u> stating the RFQ reference number: RFQ/LBY/SFL/2018/080
	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.

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 recomputed 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: <u>http://www.un.org/depts/ptd/pdf/conduct_english.pdf</u>

Thank you and we look forward to receiving your quotation.

Yours sincerely,

Ermira Basha, Operations Manager UNDP Libya



Scope of Work

Background

The Stabilization Facility for Libya aims to bridge the critical period of transition from initial period of humanitarian relief towards mid- and long-term structural and sector-specific support. It includes time bound quick interventions at the municipality level providing concrete improvements and peace dividends at the community level through rehabilitation of critical infrastructure, building the capacity of local authorities and enhancing local mediation and conflict resolution capacities and processes.

Under this project, UNDP Libya is working to repair light infrastructure within the conflict affected areas to reverse the physical disruption caused by the conflict and enable the reopening of key services at the municipal level. It will also support quick recovery of businesses that are critical to the survival of whole communities through rehabilitation and provision of equipment. Through these activities it will also aim to boost the capacity of municipalities.

Institute Description

The Building institute is located in the residential Area No3 in the city of Sirte which had suffered a fighting during the last war, which led to a wide destruction in this area, and Institute had suffered some of this destruction.



This institute consists of few departments of different areas on total area of 11520 m2, divided into two floors, the total area of roof is 754 m2.

The ground floor is containing the administration labs, restrooms, and contain the classrooms, the first floor is containing offices, class rooms, and the studying interval is in the morning with 60students are enrolled.



 120
 Image: Constitute

 Image: Constitute
 120

 Image: Constitute
 Image: Constitute

The sketch plan is showing the internal details of this building

The institute was built in 1997, and last maintained and rehabilitated comprehensively in 2003.

Required work

The institute requires rehabilitation meanly in the broken glass of windows and doors, as well as the repairing of those windows and doors as detailed in the draft BOQ.

Some openings in the walls of the institute has resulted from the conflict and its shown in the accompanied photos in this report. The rooms' doors need the repairing of the locks and some needs handles as well, so as some windows in the facility as shown in pictures and BOQ.

































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/2018/080 **Rehabilitation of the Building institute, in Sirte Libya**

Description:	Total (US\$)
Building institute, in Sirte 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.

Company Name:		
Contact Person:		
Position:		
Email:		
Mobile Number:		
Address:		
Authorised Signature:	Date:	



Annex 2A

BILL OF QUANTITIES

Rehabilitation of the Building institute, in Sirte Libya

RFQ Reference Number: RFQ/LBY/SFL/2018/080

Building institute, in Sirte Libya

Item	Description	Unit	Qty	Rate in USD	Amount in USD
	A - Demolishing and Preparing				
	 The work shall include and comply with the following: - a. Removing of demolished material off site to authorized dumping sites. b. The dismantled material are the sole properties of the client (in case those material is required by the Client). c. The contractor shall coordinate implementation of his daily work activities, working hours, throughout the construction period with the client and the supervising engineer. d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles, etc. e. The contractor shall make the necessary temporary water, electrical power connections. Etc. to prevent interruption of the power and water supply for the existing functioning building. f. The contractor shall take all necessary measures to protect and minimize 				
	environmental hazards including pollution, noise and dust.				
A2	Demolish and fill with soil a dilapidated sewage tank, as directed by Engineer.	Lump sum	1		
	Demolish and remove block work walls, including preparing surfaces for new block works as directed by Engineer.	M3	30		
A3	Site clearance and removal of surplus.	Lump sum	1		
	B - Concrete Works				
B2	 Concrete works/repair works shall include: 1. Shoring to protect safety of the structure and shuttering in any form, shape and size. 2. Approved grouting material, filling material and additives. 3. Supplying and fixing of the required steel reinforcement as per the existing dowels or as required. Repair and maintenance solid slab for rain water traps everywhere in the slab 				
	and all other materials as per specifications including remove unfixed part, drawings and supervisor engineer's instructions.	Lump sum	1		
	C - Block Works				
C1	Supply & build hollow concrete blocks grade 35 size 40x20x25cm, built with cement sand mortar (1:3) mix according to technical specification and instruction of Engineer.	M3	20		
	D - Plastering Works				
D1	Supply and make 2 coats 15 mm cement sand plaster on the internal walls and ceilings, including surface preparation. The work shall include fixing of metal mesh at the joints, all according to the specification and the Engineer's approval.	M2	270		
D2	Repair cracks in the existing walls and ceilings. The work shall include stripping off 15 cm wide plaster along the cracks, widen and make V shaped cracks, clean and fill cracks with approved filling material and plastering to match the existing finishing; according to technical specification and Engineer instruction.	L.M	350		
	E - Painting Works				



E1 Supply & paint 2 coats colored enulsion paint (Supercyle) on the internal walls. The work shall as include removing the old paints, cleaning, surface preparation paint with all required works. M2 1500 E2 Supply & paint internal walls, with one under cost primer and min. 2 costs for the cost of a paint match walls with all required works. M2 700 E3 Supply & paint iternal walls, with one under cost primer and min. 2 costs cording to uperficitation and the engineer approval. M2 700 E3 Supply & paint 2 costs colored weather shield emulsion paint on the external walls and facis. The work includes restriction of the small holes. The work shall also include removing the old paints, cleaning, surface preparation, putyling, and rendering dm Marbie Works M2 2100 F • Titing and Marbie Works M2 100 F1 Supply and install variatice preparation for tiling works, sand crement mortar, finish to fails, special tile piceses, groung and cleaning; all as per specifications and the Engineer's approval. M2 100 F1 Supply and install creamic floor tiles, for kitchen and bathrooms, including removing industal caramic marbie (grade A). Iteke weaks the sufficient and all required works. M2 100 G • Doors, Windows and Metals Works M2 100 G • Doors, Windows and Metals Works M2 100					
E2 Supply & paint internal walls, with one under cost primer and min. 2-costs of oil paint with all required works. The work shall also include removing the oid paints, cleaning, preparation of surface and putrying, and all required works according to peculication and the engineer's paperation. M2 700 E3 Supply & paint 2, costs colored weather shield emulsion paint on the external walls and fascia. The work includes restitution of the small holes. The work shall also include removing the old paints, cleaning, surface reparation, putrying, and rendering costs to match the existing paint finishing: all in accordance with specification and the Engineer's instructions. M2 700 F - Tiling and Marble Works The work shall include surface preparation for tiling works, sand cement mortar, finsh to falls, special tile pices, grouting and cleaning: all as per specifications and the Engineer's approval. LM 110 F - Supply and install wall skirting made of white Carara marble (grade A), like the existing. 10mm thick and 100mm height, including all required works. LM 110 Supply and install wall skirting made of white Carara marble (grade A), like the existing tiles, surface preparation for new tiling and all required works. M2 60 Supply and install wall skirting made of white Carara marble (grade A), like the existing tiles, surface preparation for new tiling and all required works. M2 100 G - Doors, Windows and Metals Works M2 100 60 Work ashall includue for A mm thick clear float glass/ wired gla	E1	The work shall also include removing the old paints, cleaning, surface preparation	M2	1500	
E3 Supply & paint 2 costs colored weather shield emulsion paint on the external walls and facta. The work includes restribution of the smill holes. The work shall also include removing the old paints, cleaning, surface preparation, puttying, and rendering costs to match the existing paint finishing; all in accordance with ysocification and the fingineer's instructions. M2 2100 F - Titing and Marble Works Image: Single of the existing of the existing of the existing and of the existing and of the existing and of the existing. The work shall include surface preparation for tiling works, sand cement mortar, finish to falls, special tile pieces, grouting and cleaning; all as per specifications and the fingineer's approval. Image: Single of the existing made of white Carrara marble (grade A), like the existing, 10mm thick and 100mm height, including all required works. Image: Single of the existing tiles, surface preparation for new tiling and all required works. Supply and install certain: Wall tiles, like the existing, including removing the existing tiles, surface preparation for new tiling and all required work according to the engineer instructions. M2 60 G - Doors, Windows and Metals Works Image: Single of the existing doors and windows, where required, Rates shall include: supply, fabricate and installation of doors, windows, made out of grade 1 timber to be finish as per relevant applicable Standards. Work shall include fixing frame, door sash / window casement brass fixing screws, lock sets with 3 keys. Preservative treatment for back of door & door frame in contact with masonry or concrete. M2 100 G1 Supply and install astrace of timber doors & windows and casements	E2	Supply & paint internal walls, with one under coat primer and min. 2-coats of oil paint with all required works. The work shall also include removing the old paints, cleaning, preparation of surface and puttying, and all required works according to			
The work shall include surface preparation for tiling works, sand cement mortar, finish to fails, special tile pieces, grouting and cleaning; all as per specifications and the Engineer's approval. Image: Comparison of the Comparison of Compar	E3	Supply & paint 2 coats colored weather shield emulsion paint on the external walls and fascia. The work includes restitution of the small holes. The work shall also include removing the old paints, cleaning, surface preparation, puttying, and rendering coats to match the existing paint finishing; all in accordance with			
finish to falls, special tile pieces, grouting and cleaning; all as per specifications and the Engineer's approval. Image: Comparison of the specification of the specification of the specification of the system, 2000 and install wall skirting made of white Carrara marble (grade A), like the existing, 10mm thick and 100mm height, including all required works. Image: LM 110 Supply and install ceramic floor tiles, for kitchen and bathrooms, including removing the existing tiles, surface preparation for new tiling and all required work according to the engineer instructions. M2 60 Supply and install ceramic wall tiles, like the existing, including removing the existing tiles, surface preparation for new tiling and all required work according to the engineer instructions. M2 100 G • Doors, Windows and Metals Works Image: Specification of doors, windows, made out of grade 1 timber to be finish as per relevant applicable Standards. Work shall include fixing frame, door sash / window casement brass fixing screws, lock sets with 3 keys. Image: Specification of oor sand windows as similar to the existing doors and windows and casements and door sapproved paint, paint type and finishing shall be like the paint finishing of the existing doors and windows M2 12 G1 Supply and install interior wooden doors, door lock with handle, approved paints; all a directed and approved by the Engineer. M2 12 Return tilt interior wooden doors, door lock with handle, approved paints; all a directed and approved by or lock with handle, approved paints; all a directed and approved by orole lock with handle, approved paints; all a directed		F - Tiling and Marble Works			
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removing the existing tiles, surface preparation for new tiling and all required work according to the engineer instructions. M2 60 Supply and install ceramic wall tiles, like the existing, including removing the existing tiles, surface preparation for new tiling and all required work according to the engineer instructions. M2 100 G - Doors, Windows and Metals Works M2 100 The work shall include: supply, fabricate and installation of doors, windows, made out of grade 1 timber to be finish as per relevant applicable Standards. Work shall include for 4 mm thick clear float glass / wired glass / tinted glass / translucent glass as appropriate to suit the respective doors and windows as similar to the existing doors and window, where required. Rates shall include fixing frame, door sash / window casement brass fixing screws, lock sets with 3 keys. Preservative treatment for back of door & door frame in contact with masonry or concrete. Image: Concrete terespective doors and mindows and casements and door sashes shall be applied with two coat of wood preservative, two coats of prime, two coats of approved paint, paint type and finishing shall be like the paint finishing of the existing wooden doors, door leaf made of 20 mm medium density fibre (MDF), stiles and rails, high quality hardware, door lock with handle, approved paints; all a directed and approved by the Engineer. M2 12 Repair and maintenance interior wooden doors, door lock with handle, approved paints; all as directed and approved by the Engineer. M2 15 G4 Repair, conduct maintenance and adjustment on the steel doors, including painting, replace the damaged accessories, complete a	F1		L.M	110	
existing tiles, surface preparation for new tiling and all required work according to the engineer instructions.M2100G - Doors, Windows and Metals WorksIntervent shall include: supply, fabricate and installation of doors, windows, made out of grade 1 timber to be finish as per relevant applicable Standards. Work shall include for 4 mm thick clear float glass/ wired glass / tinted glass / translucent glass as appropriate to suit the respective doors and windows as similar to the existing doors and windows, where required. Rates shall include fixing frame, door sash / window casement brass fixing screws, lock sets with 3 keys. Preservative treatment for back of door & door frame in contact with masonry or concrete. Painting / Final Finish 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 prime, two coats of approved paint, paint type and finishing shall be like the paint finishing of the existing doors and windowsM212G1Supply and install interior wooden doors grade 1 and 45 mm thick door leaf with h frame, like the existing wooden doors goarde 1 and 45 mm thick door leaf with h forme, like the existing wooden doors door lock with handle, approved paints; all as directed and approved by the Engineer.M212G2Supply and fix steel doors including hardware and locks and painting with approved pain according to the engineer instructions.M215G4Repair, conduct maintenance interior wooden doors door lock with handle, approved paintics; replace the damaged accessories, complete as directed by Engineer.No6G1Supply and fix steel doors including hardware and locks and painting approved pain according to the		removing the existing tiles, surface preparation for new tiling and all required	M2	60	
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frame, like the existing wooden doors door leaf made of 20 mm medium density fibre (MDF), stiles and rails, high quality hardware, door lock with handle, approved paints; all as directed and approved by the Engineer.M212Repair and maintenance interior wooden doors, door lock with handle, approved paints; all as directed and approved by the Engineer.N010G2Supply and fix steel doors including hardware and locks and painting with approved pain according to the engineer instructions.M215G4Repair, conduct maintenance and adjustment on the steel doors, including painting, replace the damaged accessories, complete as directed by Engineer.N06G10Supply and install external galvanized sliding steel gate, overall size 4500 X 2000 mm complete with frame, 1 moving leaf constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints with all necessary supporting according to the engineer's instructions. The gate to be fixed and supported by existing concrete columns of the fence.N01G11Supply and install PVC doors, including accessories and hardware of high quality,LL		made out of grade 1 timber to be finish as per relevant applicable Standards. Work shall include for 4 mm thick clear float glass/ wired glass /tinted glass /translucent glass as appropriate to suit the respective doors and windows as similar to the existing doors and windows, where required. Rates shall include fixing frame, door sash / window casement brass fixing screws, lock sets with 3 keys. Preservative treatment for back of door & door frame in contact with masonry or concrete. Painting / Final Finish 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 prime, two coats of approved paint, paint type and finishing shall be like the paint finishing of the existing doors and windows			
paints; all as directed and approved by the Engineer.No10G2Supply and fix steel doors including hardware and locks and painting with approved pain according to the engineer instructions.M215G4Repair, conduct maintenance and adjustment on the steel doors, including painting, replace the damaged accessories, complete as directed by Engineer.No6G10Supply and install external galvanized sliding steel gate, overall size 4500 X 2000 mm complete with frame, 1 moving leaf constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints with all necessary supporting according to the engineer 's instructions. The gate to be fixed and supported by existing concrete columns of the fence.No1G11Supply and install PVC doors, including accessories and hardware of high quality,II	G1	frame, like the existing wooden doors door leaf made of 20 mm medium density fibre (MDF), stiles and rails, high quality hardware, door lock with handle,	M2	12	
approved pain according to the engineer instructions.M215G4Repair, conduct maintenance and adjustment on the steel doors, including painting, replace the damaged accessories, complete as directed by Engineer.No6G10Supply and install external galvanized sliding steel gate, overall size 4500 X 2000 mm complete with frame, 1 moving leaf constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints with all necessary supporting according to the engineer 's instructions. The gate to be fixed and supported by existing concrete columns of the fence.No1G11Supply and install PVC doors, including accessories and hardware of high quality,Image: NoImage: No		paints; all as directed and approved by the Engineer.	No	10	
painting, replace the damaged accessories, complete as directed by Engineer.No6G10Supply and install external galvanized sliding steel gate, overall size 4500 X 2000 mm complete with frame, 1 moving leaf constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints with all necessary supporting according to the engineer 's instructions. The gate to be fixed and supported by existing concrete columns of the fence.No1G11Supply and install PVC doors, including accessories and hardware of high quality,Image: Concrete column of the fence of the original provides and support of the function of the fence of the original provides and bardware of high quality,Image: Concrete column of the fence of the original provides and bardware of high quality,		approved pain according to the engineer instructions.	M2	15	
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	G10	mm complete with frame, 1 moving leaf constructed of 2 panel made of 2 mm double galvanized steel plates, including door lock, all iron monger and hardware, painting with approved paints with all necessary supporting according to the engineer 's instructions. The gate to be fixed and supported by existing	No	1	
	G11		M2	20	



G12	Supply and install PVC windows, including accessories and hardware of high quality, complete as directed and approved by the Engineer.	M2	50	
G13	Supply and install metallic false ceiling size 600mm x 600mm, like the existing false ceiling tiles and the suspension system, complete; all in accordance with specifications and the Engineer's approval.	M2	320	
	External Works:	IVIZ	520	
1.00	Total Civil works carried to summary			
	H- 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.			
	All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed.			
	Rates for plumbing work shall include for:			
	All fittings such as elbows, bends, tees, junctions, plugs etc.			
	Connecting pipes to sanitary fixtures and appliances.			
	Necessary screws, nails sockets, connection back nuts standard pipe fixing or			
	supporting clips, saddles, brackets, holder bats, straps Connecting of different types of pipes.			
	Testing and disinfection after completion. Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned.			
	Rates for sanitary fittings shall include for:			
	Fittings such as taps, waste water outlet, internal overflows etc. and supporting			
	brackets, incidental materials for fixing, unless otherwise measured separately.			
	Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect			
	working order on completion.			
	Jointing and connecting of pipes to sanitary fittings. Testing and commissioning of the installation. Rates for drainage work shall include for:			
	Excavation, backfilling, disposal of surplus soil			
	All pipe specials such as bends, junctions, elbows, tees etc.			
	Connection to sides of manholes.			
	Giving notices, obtaining permits, paying fees, fixing, testing and			
	commissioning.			
H1	Supply and install 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	
H2	Supply and install double standing hand wash basin for kitchen like the existing with averflow and double help fausat, size 1600 x 460 mm, complete with all			
	with overflow and double hole faucet, size 1600 x 460 mm, complete with all water supply pipes 16mm, and waste trap. The work includes all related work			
	accessories and fittings.	No	1	
H3	supply and fix plastic tank for potable water 2000 L, including the floating valve			
	and all related work accessories and fittings according to the specifications, and	N -	~	
L1/1	Engineer instructions. Supply and install water network of the school. The work shall include supplying	No	2	
H4	all required material, such as pipes, fittings, valves, stops etc. to complete			
	functional network and connected to the water supply, with removing the			
	damaged water network. The new water system shall be connected to the water			
	source, all in accordance with specification and as instructed and approved by	Lump		
	the Engineer including remove old one.	sum	1	
H5	Supply and fix east ten WC including 10-liter plastic flushing cistern as existing.			
	including chromium plated tap $1/2^{"}$, including water supply pipe 16mm with all related work according and fittings with remaying the old ones.			
	related work accessories and fittings with removing the old ones	No	2	



	Supply and fix east ten W. C's flushing cistern as existing. including chromium plated tap $1/2^{"}$, including water supply pipe 16mm with all related work accessories and fittings with removing the old ones	No	6	
H7	Supply and install double standing hand wash basin for kitchen like the existing with overflow and double hole faucet, size 1600 x 460 mm with chromium plated mixer, complete with all water supply pipes 16mm, and waste trap. The work includes all related work accessories and fittings.	No	1	
H8	Supply and install (grade A), complete with all water supply pipes 16mm, chromium plated mixer and waste trap. The work includes all related work accessories and fittings.	No	12	
Н9	Supply and fix electrical water heater like Ariston or equally approved, 80 liters capacity, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve, electrical connections, as directed by Engineer	No	4	
H10	Supply and install waste water system including pipes, and manholes.	Lump sum	1	
H11	Supply and fix 1 " and 2.5 HP horizontal centrifugal pump, one flange and 50 HZ motor, installed on potable water main to supply the water tank. The work include connection to the electric power supply and all related work accessories and fittings.	No	1	
H12	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, with removing old one.	L.M	60	
	Total Sanitary and Plumbing Works carried to Summary			
	I-Air Conditioner Works:			
11	Supply, install and maintain wall mounted invertor split air-conditioners. The price shall include one-year Warranty, wiring, electrical connections, drain pipes to the nearest drain points, water proof on-off switch on the external units, galvanized steel holders/stands, opening in walls by scoring machine, closing holes with sika sealant, gas and oil charging. The units shall be according to below specifications and the applicable Standards, and as per the following specifications: Capacity-18 000 BTU Pre-charged with Eco. Friendly R 410A. Washable screen anti-bacterial filtration Low Ambient Heating Temp. Power supply source-V/Ph/Hz-208-230V-1-60 Hz Air flow volume-m3/h-840; Noise level in door d/B-47 Noise level out door d/B-53. Ai circulation-(H/M/L) -m3/h 850/680/540, Digital, Multi-function LCD Remote Control Total Air Conditioner Works carried to Summary	No	10	
	,			
H2	H-Electrical Works: Supply and install fluorescent lighting fixture 2 X 40 watt with plastic cover grade A, including 120 cm day light lamps, 3 X 1.5 mm2 wires, conduits, chock coils, starters, capacitors, clamps, bolts, and all needed accessories.	No	60	
H5	Supply and install double pole 16 A, 220V, lighting switch, the work includes removal of old ones as directed by Engineer.	No	20	
H6	Supply and install single pole 16 A, 220V, socket outlet. The work includes the earthing cable and removal of old ones as directed by Engineer.	No	35	
H7	Supply and install 400-watt spot light like the existing, including PVC conduits inside walls and wiring, connection to sub-boards and all needed cables and accessories.	No	10	
H9	Check and repair the damaged in the electrical net including wires 2,4,6 mm and replace a new one	Lump sum	1	
	Total Electrical works carried to summary			



Summary					
	Amount in USD \$				
Grand Total -Civil Works					
Grand Total - Plumbing and Sanitary Works					
Grand Total -Air Conditioner Works					
Grand Total - Electrical Works					
Grand Total Building institute					
Grand total in words - USD					
Company Name					
Authorized Person					
Position					
Email					
Mobile Number					
Address					



Specifications

Attached



UNDP General Conditions of Contract for Civil Works

Attached