

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

<b>Rehabilitation of Indoor Handball Court at Sport City in Benghazi, Libya</b>	DATE: <b>October 16, 2020</b> REFERENCE: <b>RFQ/LBY/SLCRR/2020/082</b>
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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 **30<sup>th</sup> October 2020 at 14:00 hours** Tunis, Tunisia time, ref. [www.greenwichmeantime.com](http://www.greenwichmeantime.com) and via email at [tenders.ly@undp.org](mailto:tenders.ly@undp.org).

An organized site visit, subject to government movement restrictions, is arranged for 22<sup>nd</sup> October 2020, at 11:00 hours, Libya time, at below mentioned place.

- The facilities are located in the the Sports city, Benghazi with GPS coordinates; 32°06'11.1N & 20°04'18.4, GPS COORDINATES as per the following link:  
<https://goo.gl/maps/kG1hejvDMykPDgyr6>

Focal Person(s): Eng. Faeiz Saied - Phone number +218 926421303

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 facility is located at the Sports city, Benghazi with GPS coordinates; 32°06'11.1N & 20°04'18.4E  GPS COORDINATES ALSO AVAILABLE IN THE FOLLOWING LINK: <a href="https://goo.gl/maps/kG1hejvDMykPDgyr6">https://goo.gl/maps/kG1hejvDMykPDgyr6</a>
Preferred Currency of Quotation	United States Dollars (US \$)
Site visit	An organized site visit is arranged for 22 <sup>nd</sup> October 2020, at 11:00 hrs (Libya Time) Focal Person(s): Eng. Faeiz Saied Phone: +218 926421303
Period of Validity of Quotes	<b><u>120 days</u></b> - 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 <b>6 months</b> 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 <b>6 months</b> 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 <b>6 months</b> 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). The evidence (documents) must be translated into English language.</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 &amp; 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"> <li>1. Minimum of 3 years of experience in construction (civil works)</li> <li>2. Capacity to undertake construction and civil works. Experience as prime contractor in at least two (2) similar contracts for rehabilitation/construction of multipurpose court/playground, with the value not less than USD 150,000.00 per each contract</li> <li>3. Qualification and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment: <ol style="list-style-type: none"> <li>a). 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 (construction/civil works).</li> <li>b). Electrician – certified and minimum of 3 years of experience of work of an equivalent nature (construction/civil works).</li> <li>c). Plumber - with a minimum of 3 years of experience of work of an equivalent nature (construction/civil works)</li> <li>d). Playground maintenance technician - with a minimum of 3 years of maintenance experience.</li> </ol> </li> <li>4. Implementation Timeline (to match the period stated in the RFQ - <b>120 days</b>).</li> <li>5. Acceptance of General Terms &amp; Conditions for Civil Works.</li> </ol>
Maximum Expected duration of contract	The successful vendor shall complete the works within <b>120 days</b> from the award of contract. Offeror's technical approach shall fully comply with the specifications and BOQ.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<b><u>English</u></b> <b>Documents provided in other languages must be translated into English</b>
Deadline for the Submission of Quotation	On or before 30 <sup>th</sup> October 2020 at 14:00 hours Tunis, Tunisia time, ref. <a href="http://www.greenwichmeantime.com">www.greenwichmeantime.com</a>
Partial Quotes	Not permitted
UNDP will award to	One and only one Vendor
Type of Contract to be Signed	Contract for works
Conditions for Release of Payment	Submission of invoice and acceptance/certification by UNDP Engineer

Annexes to this RFQ	<p>Scope of Works (Annex 1)</p> <p>Form for Submission of Quotation including the BOQ (Annex 2 &amp; 2 A) Technical Specifications (Annex3 )</p> <p>General Terms and Conditions for Civil Works (Annex 4).</p> <p>Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>
Request for clarification	<p>Offerors requesting clarification of any of the items, technical requirements or conditions stipulated in this RFQ shall communicate in writing with UNDP office to <a href="mailto:procurement.ly@undp.org">procurement.ly@undp.org</a> stating the RFQ reference number: RFQ/LBY/SLCRR/2020/082</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>
Other Information Related to the RFQ	<p><b>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.</b></p>

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](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', is positioned above the printed name.

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

## SCOPE OF WORK

### Rehabilitation of Indoor Handball Court at Sport City in Benghazi, Libya

#### 1. STRENGTHENING LOCAL CAPACITIES FOR RESILIENCE AND RECOVERY – SLCRR project

“Strengthening Local Capacities for Resilience and Recovery” is a multi-phase, multi-year project that is directly implemented by UNDP Libya and funded mainly by the European Union.

The second phase aims at enhancing provision of basic services at local level and increasing access for most vulnerable groups from host communities – including Internally Displaced Populations (IDPs) and returnees – as well as migrants and refugees. This second phase is implemented in close cooperation with the Ministry of Local Governance, Municipalities, UNICEF and Italian Agency for Development Cooperation (AICS).

To respond to the many challenges people in Libya are facing, UNDP approach is to help the local authorities to restore security, essential services delivery and livelihoods opportunities putting the country on a more robust development path.

#### 2. PROJECT BACKGROUND

##### a. Project description

This project title is Rehabilitation of Indoor Handball Court at Sports city in Benghazi on a total area of 1,330 m<sup>2</sup>, and it consist of the following:

- Handball court:  
The playing court is 40 m long and 20 m wide rectangle consisting of two goal areas and a playing area. The longer boundary lines are called side lines, and the shorter ones are called goal lines (between the goalposts). The safety zone around the playing court, with a width of 2.125 m along the side lines and 2 m behind the goal lines
- Two of Players change room with an area of 23 square meter (m<sup>2</sup>) per room
- Two of shower room with an area of 22 square meter (m<sup>2</sup>) per room
- Referee room and toilet with an area of 42 square meter (m<sup>2</sup>)
- Indoor handball court Capacity: 520 of spectators

##### b. Direct and indirect beneficiaries

- i. Direct beneficiaries: Members of the local handball federation, local sport clubs, referees of handball and 520 of spectators
- ii. Indirect beneficiaries: Ministry of Sport

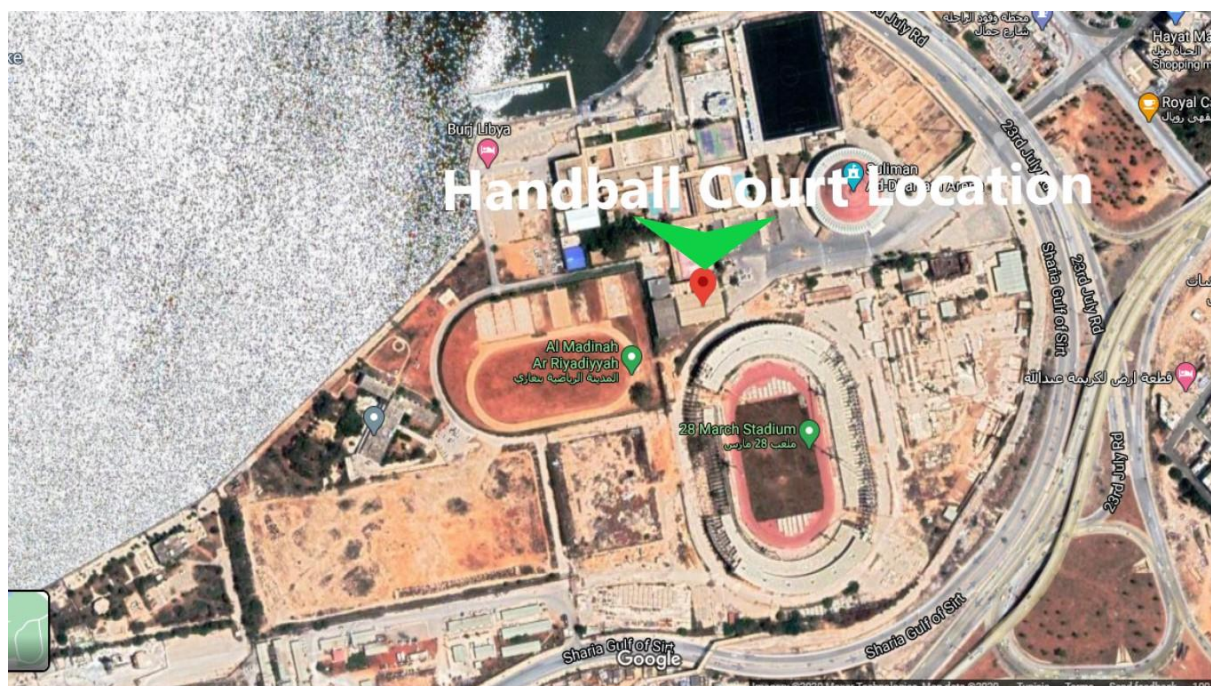
#### 3. LOCATION

The handball court is located at the Sports city, Benghazi

GPS COORDINATES AS PER THE FOLLOWING LINK:

<https://goo.gl/maps/kG1hejvDMYkPDgyr6>





Handball Court Location in the Sport City – Benghazi, Libya

Project GPS Coordinates:

N = 32°06'11.1"

E = 20°04'18.4"

#### 4. CONSTRUCTION DESCRIPTION

Structural System:

- Reinforced concrete foundations.
- Steel columns.
- Slabs: Roof sandwich panel on steel trusses.
- Walls: Concrete hollow block
- Flooring: ceramic for rooms and toilets, SBR rubber + PU Binder for court floor
- Painting: internal walls and ceiling with emulsion paint (Supercryle)
- External walls with waterproof colored (Acrylic Elastic)
- Windows: Aluminum with protection steel bars.

#### 5. DESCRIPTION OF THE DAMAGE

The current status of building Damages as shown below:

ID	Building component	Damage description
1	Handball court flooring	Major fracture of wooden flooring



2	Plumbing and drainage	Break to sanitary appliances and drainage pipes
3	Mechanical ventilation	Missing exhausting fans
4	Doors and windows	<ul style="list-style-type: none"> <li>- Broken wooden doors</li> <li>- Missing aluminum doors</li> <li>- Broken panel glass in windows</li> <li>- Missing aluminum windows</li> </ul>
5	Paving	Major fracture to external paving at front of the building
6	Electrical	<ul style="list-style-type: none"> <li>- Missing of electrical switches and power outlet</li> <li>- Missing lighting fixture</li> </ul>
7	Walls (internal&external)	A very little cracks in few walls
8	Metal ceiling	Rust on a metal ceiling with significant rainwater penetration due to corrosion

#### Photos of Different types of damage to the existing structure



Fracture to wooden floor



Rust to Metal ceiling and truss



Damage to main entrance



Fracture to ceramic tiles



Fracture to external paving



broken sanitary appliances



Broken wooden doors



Damaged and missing steel doors



missing aluminum doors



- Broken glass panel in windows -

## 6. WORKS ON BRIEF

The construction of the project includes civil, plumbing, and electrical works. Below are the important and summary of the required construction works, for more detail refer to BOQ, the work shall include but not limited to the following:

- a. The civil part of the works includes but not limited to removal of old wooden flooring, tiling, damaged steel doors, supply of concrete screed, plastering, floor reparation and external landscaping, as indicated on the BoQ.
- b. The plumbing & sanitary works include but not limited to hand wash basin and shower installation, piping, electrical water heater, water tank, and 2HP Pump, as indicated on the BoQ.
- c. The electrical works include but not limited to lighting, installation of floor light, led lightning, exhaust fan and electrical distribution board, as indicated on the BoQ.

## 7. DURATION OF THE PROJECT

The period of performance for project is **120 calendar days** from the site hand over. All work shall be scheduled to complete within this timeframe. Any modifications or extensions shall be requested through the Engineer for review and approval.

**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/SLCRR/2020/082 - Rehabilitation of Indoor Handball Court at Sport City in Benghazi, Libya**

Description:	Total (US\$)
Total work for <b>Rehabilitation of Indoor Handball Court at Sport City in Benghazi, Libya</b> (as per priced BOQ-Annex 2A)	
<b>Grand Total:</b>	

Currency: United States Dollars

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

**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: Project of Rehabilitation of Indoor Handball Court at Sports City in Benghazi**  
**RFQ Reference Number: RFQ/LBY/SLCRR/2020/082**

BILL OF QUANTITIES (BOQ)					
Rehabilitation of Indoor Handball Court at Sports City in Benghazi					
Item	Description	Unit	Qty	Unit rate in US\$	Total Amount in US\$
<b>1</b>	<b>CIVIL WORKS</b>				
<b>A</b>	<b>DEMOLISHING AND PREPARATION WORKS</b>				
	Notes:				
	The work shall include and comply with the following:-				
	a. Removing of demolished material out of site to authorized dumping sites.				
	b. The dismantled material are the sole properties of the client (in case those material are 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 safe guard the labor and the structural integrity of the building during the demolishing woks, all as per the attached specifications.				
A1	<b>Old wooden flooring dismantling</b> Dismantling and removing old damaged wooden floor for handball court flooring including the sand underneath the wooden floor and preparing the work to receive new court flooring works. according to the technical specifications and instructions of the supervising engineer.	m <sup>2</sup>	1067		

A2	<b>Tiling demolishing:</b> Dismantling and remove ceramic tiles and tiles for the walls and floors of W.Cs, Player change room, transfer the waste disposal to authorized dumping area and prepare the place for new works, in accordance with the technical specifications and as per the Engineer's instructions.	m <sup>2</sup>	140		
A3	<b>Steel doors removal:</b> Dismantling and removing the steel doors that are damaged in different sizes according to the technical specifications and instructions of the supervisor engineer.	No.	3		
A4	<b>Site preparation:</b> Supply of materials, tools, machineries and manpower for site preparation. The work includes clearing, , removing trees and other natural vegetation in front and sides of the court and removing and dumping all the debris and rubble to a site approved by the local authorities. According to the Engineer's instructions.	m <sup>2</sup>	148		
<b>B</b>	<b>CONCRETE WORKS</b>				
B1	<b>Concrete screed:(20 Mpa)</b> Supply of materials, tools and manpower to apply concrete screed with thickness 7 cm underneath of SBR rubber flooring, The works include concrete surface leveling by helicopter machine and all required works. All in accordance with technical specifications and as per the Engineer's instructions and approval.	m <sup>2</sup>	1067		
<b>C</b>	<b>PLASTERING WORKS</b>				
C1	Repair damaged plaster around door and window frames with cement sand mortar (1:3) mix made of 440 Kg cement + 1 M3 sand.	LM	30		
<b>D</b>	<b>PAINTING WORKS</b>				
	a. Painting works shall comply with the manufacturer's instructions and specifications.				
	b. Painting material shall be of high quality and approved products.				
	c. Painting to be carried out on new or old surfaces. The work includes, scraping off old defective paint, batching, puttying, sanding, and surface preparation; all in accordance with technical specifications and the Engineer's instructions.				
D1	<b>Emulsion Painting:</b> Supply and paint internal walls and ceiling 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, puttying and all required works. All according to the technical specifications and the Engineer's instructions.	m <sup>2</sup>	2247		
D2	<b>External Painting:</b> Supply and paint water proof colored (Acrylic Elastic) paint for exterior walls, one under coat primer and min. 2 coats of paint. The work include repairing damaged plaster, surface preparation and all required	m <sup>2</sup>	756		



	works. All in accordance with the specifications and the Engineer's instructions and approval of samples.				
D3	<b>Steel/Metal Painting:</b> Supply and Painting of existing metal works with minimum two coats of approved oil based paint. The work shall include one under coat of primer and one finishing coats. The metal work include painting of the existing protection steel bars and safe standing. All in accordance with the specifications and the Engineer's instructions and approval of samples.	m <sup>2</sup>	118		
D4	<b>Metal ceiling Painting:</b> Supply of materials, tools and manpower to paint internal metal ceiling and trusses, by spraying mtl primer. The work include scraping off and sandblasting and repairing the damages. All in accordance with the specifications and the Engineer's instructions and approval of samples.	m <sup>2</sup>	132 0		
<b>E</b>	<b>FLOOR AND WALL TILLING/CLADDING</b>				
	The work 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, grouting and cleaning; all as per specifications and Engineer's approval.				
E1	<b>Handball court flooring:</b> Supply and execute polyurethane flooring with total thickness of 12 mm for indoor handball court. The works include apply primer undercoat on the concrete surface, SBR granular with a diameter of (1 - 4 ) mm mixed with polyurethane binder laid with a paver thickness of 10 mm by using finisher machine, apply polyurethane sealer to fill the avoid on the SBR rubber surface, apply polyurethane self-leveling by using spiked roller and apply polyurethane top coat paint&lines paint. all in accordance with Engineer's instructions and approval.	m <sup>2</sup>	106 7		
E2	<b>Ceramic anti slip tiles:</b> Supply of materials, tools and manpower for applying non-slip ceramic flooring tiles, (grade A), of dimensions 330x330 mm x 8mm thickness. Including a layer of 30mm of mortar bed; all in accordance with technical specifications and Engineer's instructions and approval.	m <sup>2</sup>	112		
E3	<b>Ceramic tiles:</b> Supply of materials, tools and manpower for applying coloured ceramic tiles for W.C's walls (grade A); all in accordance with technical specifications and Engineer's instructions and approval.	m <sup>2</sup>	28		
E4	<b>Marble frames:</b> Supply of materials, tools and manpower for installting marble for windows/doors frames and seatings, Karara type, of 3cm thickness, white colour, Italy made (or equivalent). Including grouting and	m <sup>2</sup>	12		

	polishing; all in accordance with technical specifications and Engineer's instructions and approval.				
E5	<b>Marble skirting:</b> Supply of materials, tools and manpower for installing Italian (or equivalent) marble skirting, with 10 cm width and 1cm thickness, Karara type and white color; all in accordance with technical specifications and the Engineer's instructions and approval.	M. L	78.0 0		
<b>F</b>	<b>DOORS, WINDOWS, AND METALS WORKS</b>				
F1	<b>Metal roof</b> Supply and install ribbed metal roof constructed of galvanized metal sheet of 0.8 mm thickness on old sandwich panels . The work includes placing of roofing screw and all the requirements according to technical specifications and the consultant engineer approval .	m <sup>2</sup>	132 0		
F2	<b>Aluminum door</b> Supply and install internal single leave aluminum doors of high quality constructed of LP type for players change rooms. The work includes the frame,elctrostatic painted, accessories, locks, hinges, aluminm handles, rubber sealant (antibacteria silico ) and all the requirements according to technical specifications and the consultant engineer approval .	m <sup>2</sup>	25		
F3	<b>Aluminum windows</b> Supply and install hinged aluminum windows of high quality constructed of LP type . The work includes the frame, elctrostatic painted, accessories, locks, hinges,aluminum handles, transparent glass 6mm thick, rubber sealant (antibacteria silicon ) and all the requirements according to technical specifications and the consultant engineer approval .	m <sup>2</sup>	21		
F4	<b>Crystal clear glass 6mm:</b> Supply of materials, tools and manpower to remove the damaged glass and paste and to install new crystal clear glass 6 mm, similar to existing one, with new paste. Inlcuding dumping of all debris to a site approved by local authorities. All according to the technical specifications and the Engineer's instructions.	m <sup>2</sup>	98		
F5	<b>Maintenance of Steel doors:</b> Repair, conduct maintenance and adjustment of the existing steel doors including the supply and fixing of missing parts such as handles, locks and hinges. The work shall also include applying 2 coats of oil painting.	m <sup>2</sup>	14		
F6	<b>Steel doors:</b> Supply of materials, tools and manpower for installing steel doors from both sides, as per approved design, including hardware and painting. Installation in accordance with technical specifications and the Engineer's instructions and approval.	m <sup>2</sup>	15		



F7	<b>Handball goal</b> Supply of materials, tools and manpower for installing handball goal post made of 80 mm square aluminum profile, size 3.0m (w) x 2.0m (h) x 1.0m (d) including ntes. All according to the technical specifications and the Engineer's instructions.	No .	2		
<b>G</b>	<b>PLUMBING, SANITARY, RAIN DRAINAGE WORKS</b>				
	a. The work shall include supplying and installation of all fittings such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings.				
	b. Connecting pipes to sanitary fixtures and appliances.				
	c. Testing and disinfection after completion.				
	d. Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned.				
	e. 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.				
	f. Submitting samples for the approval of the Engineer.				
G1	<b>PPR water piping Ø 3/4":</b> Supply of materials, tools and manpower to install Poly Propylene (P.P.R) water pipes of Ø 3/4" inch. Including all required conexions and fittings. All according to technical specifications and the Engineer's instructions.	L. M	22		
G2	<b>PPR water piping Ø 1":</b> Supply of materials, tools and manpower to install Poly Propylene (P.P.R) water pipes of Ø 1" inch. Including all required conexions and fittings. All according to technical specifications and the Engineer's instructions.	L. M	18		
G3	<b>Ceramic hand wash basin:</b> Supply of materials, tools and manpower to install white standing hand wash basin with overflow and single hole faucet, dimensions 480 x 580 mm, made of vitreous china to BS 3402 (grade A), The work includes removal of old/existing ones and all related work accessories and fittings in accordance with technical specifications and as per Engineer's instructions.	No .	3		
G4	<b>disabled wash basin:</b> Supply of materials, tools and manpower to install white wall mounted wash basin with flip-up grab bar, complete with pipes ,valves, and waste trap, water mixer, including all related work accessible accessories and fittings in accordance with technical specifications, approved drawings and as per Engineer's instructions.	No .	2		

G5	<b>Waste trap (15x15cm):</b> Supply of materials, tools and manpower to install ground chromium plated waste trap, with the cover of dimensions 15x15 cm for W.C. Including removal of old waste trap, all the requirements to complete the job, and as per approval of sample and the Engineer's instructions.	No .	21		
G6	<b>Western W.C.:</b> Supply of materials, tools and manpower to install white vitreous china European W.C. (grade A) suite comply with BS 3402, with 10 litter plastic flushing cistern. The work includes removal of old/existing ones and all required fittings and accessories in accordance to technical specification and the Engineers' instructions.	No .	3		
G7	<b>Accessible toilet</b> Supply of materials, tools and manpower to install white vitreous china European W.C. (grade A) suite comply with flip-up grab bar, support grab bar. Including all required fittings and accessible accessories. All in accordance to technical specifications, approved drawings and the Engineers' instructions.	No .	2		
G8	<b>Electrical water heater:</b> Supply of materials, tools and manpower to install fix electrical water heater, Ariston or equivalent. Capacity 80 liters, 0.8 Mpa pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve, electrical connections and fittings. All in accordance to technical specifications and as per the Engineer's instructions and approval.	No .	3		
G9	<b>Water wash faucet:</b> Supply of materials, tools and manpower to install water wash faucet with hose for W.C's. The work includes removal of old/existing ones, and in accordance to technical specifications and as per the Engineer's instructions and approval.	No .	4		
G10	<b>PVC pipes Ø 1 1/2":</b> Supply of materials, tools and manpower to install PVC pipes of diameter Ø 1 1/2" inch and pressure of 10 bar for sewage water discharge. All in accordance to technical specifications and as per the Engineer's instructions and approval.	M. L	12		
G11	<b>PVC pipes Ø 3":</b> Supply of materials, tools and manpower to install PVC pipes of diameter Ø 3" inch and pressure of 10 bar for sewage water discharge. All in accordance to technical specifications and as per the Engineer's instructions and approval.	M. L	7		
G12	<b>P.V.C. rain drainage pipes:</b> Supply of materials, tools and manpower to install P.V.C pipes, diameter Ø 4 inch and 10-bar pressure for rain drainage network pipelines. Including all fittings and accessories needed to complete the work in accordance to technical specifications and as per the Engineer's instructions.	M. L	40		

G1 3	<b>PVC water tank:</b> Supply of materials, tools and manpower to install PVC over head water tank for potable water, of 2000 liters capacity, including the electrical floating valve, metal stand with 1.25 Hight with bars to hold the tank and all related work accessories and fittings. All in accordance to technical specifications, approved drawings and as per the Engineer's instructions and approval.	No	1		
G1 4	<b>Curtains:</b> Supply of materials, tools and manpower to install plastic curtains with a height of 2.00 m for showers. The item includes all related work and accessories according to technical specifications and the consultant engineer approval.	LM	22		
G1 5	<b>Shower Mixer:</b> Supply of materials, tools and manpower to install first grade shower mixer. The work includes removal of old/existing ones. The item includes all related work and accessories according to technical specifications and the consultant engineer's approval.	No	15		
<b>1</b>	<b>TOTAL FOR CIVIL WORKS</b>				
<b>H</b>	<b>External Works</b>				
	The work shall include preparation of surfaces under curbs, inter-lucks tiles, and lean concrete, special tile/curbs pieces for edges, grouting and cleaning; all as per specifications and Engineer's approval, and all necessary provisions required to complete the work in good quality.				
H1	<b>Concrete curbstone:</b> Supply and installing of roads concrete curbs of 35 x 15 x 10 cm. Including casting of lean concrete for the base and back and filling joints with cement mortar. All in accordance to technical specification and the Engineer's approval and instructions.	ML	16		
H2	<b>Interlocking Concrete Pavement:</b> Supply of materials, tools and manpower for installation of interlocking concrete tiles, including leveling, compaction, laying of polyethylene sheet, bedding sand and all required works. All in accordance to technical specification and the Engineer's approval and instructions.	m <sup>2</sup>	65		
<b>2</b>	<b>TOTAL FOR EXTERNAL WORKS</b>				
<b>I</b>	<b>ELECTRICAL WORKS</b>				
	a. Unless otherwise stated in Bill of Quantities the work shall include all supply and installation of all necessary materials cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order.				
	b. Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates.				
	c. All types of fittings, materials, painting and finishes shall be high quality combatable and match the existing and comply with relevant standards approved by the Engineer.				

11	<b>Submersible pump 2HP:</b> Supply and install submersible pump of Ø 1" inch and 2 HP, European manufacture or equivalent. The work includes protection box, connection to the electric power supply and all related work accessories and fittings. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	1		
12	Supply and install flood-lights of 400 watt and IP-64 as per approved sample. The item includes electrical cables to the nearest source, connection, the metal base and the requirement to fix the unit. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	30		
13	Supply and install internal single pole 16 A, 220V lighting switch. The work includes removal of old/existing ones. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	4		
14	Supply and install of internal double pole 16 A, 220V lighting switch. The work includes removal of old/existing ones. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	8		
15	Supply and install single pole 16 A, 220V, socket outlet. The work includes removal of old/existing ones, earthing cable and the requirements to complete the work. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	12		
16	Supply and install led lighting fixture 4 X 40 watt with plastic cover, including 60 cm day light lamps, clamps, bolts, and all needed accessories. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	12		
17	Supply and install exhaust fan size 50x50 cm, 180W. The work includes removal of old/existing ones, and all requirements to complete the work. All in accordance to the technical specifications and as per the Engineer's approval and instructions.	No .	6		
18	Supply and install main distribution boards comply with BS 5486: Part 1 (IEC 60439-1 Form 4), fabricated from sheet steel having a minimum thickness of 1.5 mm. The steel shall be electro zinc plated, (Zintec), with Main Switch MCCB 3X150 A TYPE ABB (or equivalent), 24 circuit breakers with capacities of (2X25A, 6X20A, 16X16A), and all necessary accessories as per the approved drawings and Engineer's approval and instructions.	No .	1		
<b>3</b>	<b>TOTAL FOR ELECTRICAL WORKS</b>				
	<b>TOTAL</b>				





**Annex 3**

**Technical Specifications  
Attached**

**Annex 4**

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

**Attached**