

## REQUEST FOR QUOTATION (RFQ)

### (Works)

DESCRIPTION: Rehabilitation of Operations Room Nos. 1 & 2 Obstetrics and Gynecology Section, Murzuk General Hospital, Libya	DATE: January 15, 2018 REFERENCE: RFQ/LBY/SLCRR/2018/002
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Dear Sir / Madam:

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 on or before **30<sup>th</sup> January 2018, 14.00 hours**, Tunis, Tunisia time, ref. [www.greenwichmeantime.com](http://www.greenwichmeantime.com), and via email/hand delivered to the address below:

United Nations Development Programme  
Libya Country Office  
Rue du Lac Windermere, Les Berges du Lac, 1053 Tunis, Tunisia  
[tenders.ly@undp.org](mailto:tenders.ly@undp.org)

**An organized site visit is also arranged on 23<sup>rd</sup> January 2018 at 11:00 hrs (Libya Time).**

Focal Person(s): Eng. Ibrahim Abu Nowarah, Civil Engineer  
Phone number: +218 9186625321

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

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

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

Place of contract	Murzuk General Hospital
Preferred Currency of Quotation	United States Dollars (US\$)
Period of Validity of Quotes	<b>90 days - commencing on the submission date</b> 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.

Site visit will be held on	<p>An organized site visit is also arranged on 23<sup>rd</sup> January 2018 at 11:00 hrs (Libya Time).</p> <p>Focal Person(s): Eng. Ibrahim Abu Nowarah, Civil Engineer Phone number: +218 9186625321</p>
Liquidated Damages	<p>Will be imposed under the following conditions: Percentage of contract price per day of delay: 0.33% per calendar day Max. limit of delay in : 10%</p>
Quotation shall include the following:	<p>a. <u>Cover Letter</u>: A cover letter that lists the lead contact person with contact information, confirmation of acceptance to the General Terms &amp; Conditions for Civil Works (signed/stamped)</p> <p>b. <u>General Information</u>: Include a description of the firm/company's history and experience to demonstrate that the firm/company has the capacity to undertake the works.</p> <p>c. <u>Business Licenses</u>: Interested bidders must have appropriate permission/registration from relevant Government body to operate in Country (copy of valid registration must be provided with the bid);</p> <p>d. <u>Experience</u>: List and value of similar projects performed in past, plus client's contact details who may be contacted for further information on those contracts.</p> <p>A minimum number of similar 2 contracts implemented in past. <u>Copies of contracts and completion certificates (handover of work) to be provided.</u></p> <p>e. <u>Project Schedule</u>: An outline of the firm/company's proposed timeline reflecting start and completion dates of works:</p> <p>f. <u>List of Proposed Personnel</u>: List of proposed personnel with CV's showing relevant experience and qualification.</p> <p>g. Signed/stamped Annex 2 (<u>FORM FOR SUBMITTING SUPPLIER'S QUOTATION</u>) and Annex 2A (<u>BILL OF QUANTITIES</u>)</p>
Evaluation method to be used in selecting the most responsive Bid	<p>Lowest priced offer of technically qualified/responsive quotation</p>

Evaluation Criteria	<p>1. Minimum no. of years of experience in construction: <b>2 (two)</b></p> <p>2. Capacity to undertake the construction works including previous experience with same type of works and services, work plan, availability of equipment and materials and current workload.</p> <p>3. The company should have completed at least two contracts with the contract value of USD 50,000 for each contract. <u>(Copies of contracts and completion certificates (handover of work) to be provided)</u></p> <p>4. Qualifications and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment.</p> <ul style="list-style-type: none"> <li>Civil Engineer - shall have a University Degree in Civil engineering and minimum of 3 years of experience of work of an equivalent nature and volume.</li> </ul> <p>5. Submission of Implementation Timeline/Meeting the works completion deadline of <u>60</u> days or shorter.</p> <p>6. Acceptance of General Terms &amp; Conditions for Civil Works</p>
Maximum Expected duration of contract	The successful vendor shall complete the works within 60 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
Deadline for the Submission of Quotation	On or before 30 <sup>th</sup> January 2018, 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 supplier
Type of Contract to be Signed	Contract for works
Conditions for Release of Payment	Submission of suppliers invoice and acceptance/certification by UNDP Engineer.
Annexes to this RFQ	<p>SOW (Annex 1)</p> <p>Form for Submission of Quotation including the BOQ (Annex 2)</p> <p>General Terms and Conditions for Civil Works (Annex 3).</p> <p>Non-Acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.</p>

Contact Person for Inquiries	<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/2018/002</p> <p>Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the offerors.</p>
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The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

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

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

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

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

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

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

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

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

Thank you and we look forward to receiving your quotation.

Yours sincerely,



Ermira Basha,  
Operations Manager  
UNDP Libya

## Scope of Work

### Rehabilitation of Operations Room Nos. 1 & 2 Obstetrics and Gynecology Section, Murzuk General Hospital – Murzuk, Libya

#### BACKGROUND:

UNDP's project 'Strengthening Local capacities for Resilience and Recovery' is a three-year EU funded initiative, aiming at supporting local authorities in Libya to respond to the many conflict and human mobility induced challenges - by strengthening the local resilience and recovery mechanisms - that impact negatively citizens' access to essential services, sources of livelihoods, the social cohesion and security of communities.

The project aims at responding to the many conflict and human mobility induced challenges - by strengthening the local resilience and recovery mechanisms - that impact negatively citizens' access to essential services, sources of jobs and livelihoods, the social cohesion and security of communities. Target beneficiaries are host communities – including internally displaced persons (IDPs) and returnees – migrants and refugees.

The project is built around 3 outputs: (1) Better provision of basic services at local level and increase access for most vulnerable groups from host communities - including Internally Displaced Populations (IDPs) and returnees - as well as migrants and refugees is ensured; (2) Local authorities and administrations are supported in fulfilling their role and responsibilities with a focus on enforcing local stability and community security (3) Local economic recovery/development, including job creation and livelihoods are supported.

The project – which will be implemented through conflict-sensitive approach - will offer support to local actors in achieving concrete results in three areas: 1) service delivery; 2) social cohesion and community security; and 3) livelihoods and local economic recovery/development. Within the second output, the project will support local governments to enhance local stability and security for the entire population in the selected locations. Strengthened collaboration between local authority staff, immigration officials and rule of law institutions is needed to effectively identify potential victims, provide necessary assistance to current victims.

#### PROJECT DESCRIPTION:

This particular project calls Rehabilitation of Operations Room Nos. 1 & 2 (Obstetrics and Gynecology Section) of Murzuk General Hospital. Each of the operating rooms is divided into three sections of the interior, the first part is the entrance to the operating room and reception assignments followed by the part of the operations and medical devices and the third part, which is for monitoring, sterilization and cleaning.

Rehabilitation for each of the rooms mentioned above is summarized as Follows:

- Floor: repairing, replacing of broken tiles and refiling the Joint.
- Ceiling: Cleaning and replacing the broken one to matching the exiting used ceiling material
- Electrical connections: need to be removed and redistributed according to the presence of medical equipment, and including, lighting as well as units of points of electrical outlets and accessories.
- Doors and windows:
- internal Decoration. Painting
- Joints Cover: covered with longitudinal strips of aluminum

# 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/2018/002– Rehabilitation of Operations Room Nos. 1 & 2 Obstetrics and Gynecology Section, Murzuk General Hospital**

Summary		
BOQ 1 – Operation Room One		
Bill	Description	Amount USD
A	Sub-Total for Civil Work	
B	Sub-Total for Plumbing and Sanitary Work	
C	Sub-Total for Electrical Works	
	<b>Grand Total in USD – BOQ 1</b>	
BOQ 2 – Operation Room Two		
A	Sub-Total for Civil Work	
B	Sub-Total for Plumbing and Sanitary Work	
C	Sub-Total for Electrical Works	
	<b>Grand Total in USD – BOQ 2</b>	
<b>GRAND TOTAL (BOQ 1 &amp; BOQ 2)</b>		

Currency: USD

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

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

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

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

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

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

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

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



# BILL OF QUANTITIES

RFQ Reference No. RFQ/LBY/SLCRR/2018/002

**Project Title:** Rehabilitation of Operations Room Nos. 1 & 2 Obstetrics and Gynecology Section, Murzuk General Hospital

**Location:** Murzuk General Hospital

Currency: USD

## BOQ 1 – Operation Room One

Item	Description	Unit	Qty	Unit rate in USD	Amount USD
<b>1</b>	<b>Civil Works:</b>				
	<p>A - Demolishing and Preparing Works: The work shall include, but not limited to, the following:</p> <p>a. Removing of demolished material off site to an approved dumping area.</p> <p>b. The dismantled material are the sole properties of the client (in case those material are 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 Engineer.</p> <p>d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles, etc.</p> <p>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.</p> <p>f. The contractor shall take all necessary measures to protect and minimize environmental hazards including pollution, noise, dust..etc</p>				
<b>A1</b>	<b>Demolish and remove</b> damaged floor and roof tiles for operation room No (1), including preparing surfaces for new tile works and removal of surplus as directed by Engineer.	SQ.M	110		
<b>A2</b>	<b>Demolish and remove</b> damaged cables and trunks, including preparing surfaces for new works and removal of surplus as directed by Engineer.	L.S.	1		
<b>A3</b>	<b>Demolish and remove</b> damaged existing flourcent lighting fixtures and removal of surplus as directed by Engineer.	L.S.	1		
<b>A4</b>	<b>Stripping of damaged internal paint, plastering,</b> including preparing surfaces for new paint / plastering and removal of surplus as directed by Engineer.	SQ.M	170		
<b>A5</b>	<b>Repair and conduct maintenance on the existing damaged doors, windows</b> and replacement of necessary hardware and hinges and cleaning them from old painting by scratching and emery and installing necessary cage and handle as per technical standards and instructions of supervising engineer	No	15		

<b>A6</b>	<b>Supply and apply insulation of aluminum strips</b> for joints for operation room no. (1) as per technical standards and instructions of supervising engineer	L.M	25		
<b>A7</b>	<b>Repair and conduct maintenance &amp; re-install hand wash basin &amp; dish wash basin</b> , changing with new coppers, cables and joints and water mixer and any requirements for finishing work, cleaning and fixing as per as per technical standards and instructions complete as directed by Engineer.	No	3		
	<b>D - Plastering Works</b>				
<b>D1</b>	Supply and make internal plastering 15 mm thick for walls and ceiling with cement sand mortar (1:3) mix made of 440 Kg cement + 1 M3 sand. The work includes rough primer rendering, finishing coat and metal mesh at concrete block work joints in accordance with specifications.	SQ.M	20		
	<b>E - Painting Works</b>				
	All paint works should conform to manufacturer's instructions regarding number of coats, rate of application or drying time. Painting to be carried out on new or old surfaces. Price shall include surface preparation, peeling off old defective paint, batching, ..etc. Rates shall include:  Preparation of surface including puttying, sealing and priming, Painting for any area, width, or location Work in multi colors,				
<b>E1</b>	<b>Supply &amp; apply minimum 2 coats of colored emulsion paint (Supercryle) on the internal walls.</b> The work shall include removing the defective old paints, cleaning, preparation of surface and puttying, and all required works.	SQ.M	195		
<b>E2</b>	<b>Supply &amp; apply of anti-slipping, anti-contact, anti shocks , anti-bacterial , anti-rotten epoxy floor</b> with good electricity ground for operation room No (1) as per technical standards and instructions of supervising engineer the internal walls. The work shall include removing and repair of the defective areas, cleaning, preparation of surface and all required works.	SQ.M	80		
	<b>F - Tiling and Marble Works:</b>				
<b>F1</b>	<b>Ceramic floor tiles:</b> Supply and install non-slip ceramic floor tiles (grade A) size 300 mm x 300 mm x 10mm, laid on 30mm cement sand mortar for corridors and operation room entrance as per technical standards and instructions of supervising engineer including all required works.	SQ.M	64		
<b>F2</b>	<b>Marble Skirting.</b> Supply and install white Carrara marble (grade A) skirting, similar to the existing, 10mm thick and 100mm height, including all required works.	L.M	20		
<b>1</b>	<b>Sub Total Civil works</b>				
	<b>J - Plumbing and Sanitary Works:</b>				



<b>I1</b>	<b>Steel Sink.</b> Supply and install stainless steel sink 480x 580 mm and single hole faucet, complete with all water supply pipes, sensor, chromium plated mixer. The work includes all related work and accessories.	No	1		
<b>2</b>	<b>Sub Total plumbing and sanitary works</b>				
<b>3</b>	<b>J - Electrical and A/C Works:</b>				
	<p>Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC Junk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working conditions.</p> <p>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.</p> <p>Testing and commissioning of the electrical installation is to be carried out by the contractor. All material, accessories, fittings shall be of good quality compatible with the existing and approved by the Engineer.</p>				
<b>J1</b>	<b>4x6+1X2.5mm<sup>2</sup> wiring:</b> Supply and install connect and commission, flexible electrical wires comply with BS 6500 Table 12, insulated with PVC of 6 mm <sup>2</sup> size, according to the specifications, and Engineer instructions.	L.M	100		
<b>J2</b>	<b>3x4mm<sup>2</sup> wire:</b> Supply and install connect and commission, flexible electrical wires comply with BS 6500 Table 12, according to the specifications, and Engineer instructions.	L.M	75		
<b>J3</b>	<b>2.5x4mm<sup>2</sup> wire:</b> Supply and install connect and commission, flexible electrical wires comply with BS 6500 Table 12, insulated with PVC of 2.5mm <sup>2</sup> size, according to the specifications, and Engineer instructions.	L.M	50		
<b>J4</b>	<b>Electrical Joint box.</b> Supply, install and replace, electrical box P.V.C first class for cable distribution including cover according to the specifications, and Engineer instructions.	No	31		
<b>J5</b>	<b>Switch:</b> Supply and install double pole 16 A, 220V, lighting switch, The work include removal of old ones as directed by Engineer.	No	8		
<b>J6</b>	<b>Socket outlet.</b> Supply and install, 380V socket outlet. The work includes the earthing cable and removal of old ones as directed by Engineer.	No	4		
<b>J7</b>	<b>Socket outlet.</b> 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	25		
<b>J8</b>	<b>Fluorescent lighting fixture 2 x 40 watt.</b> Supply and install fluorescent lighting fixture 2 x 40 watt complete set, grade A, including all needed material and accessories.	No	30		

<b>J9</b>	Supply and fix single circuit breakers, 2 phase voltage, and (6 - 32 A) rating and shall conform to IEC 60947-2.	No	4		
<b>J10</b>	Supply and fix circuit breakers, 3 phase voltage, 100 A rating and shall conform to IEC 60947-2.	No	4		
<b>J11</b>	Supply and fix of a good quality electrical air extractor, size 300 X 300 mm. The work includes all related work and accessories, all in accordance with specifications and Engineer's approval.	No	1		
<b>J12</b>	Supply and install of a good approved quality split unit air conditioner 18000 BTU inverter type, including all required material and accessories all as per the specifications and as directed by the Engineer.	No	1		
<b>3</b>	<b>Sub Total Electrical and AC works</b>				<b>0</b>
<b>Summary</b>					
<b>Description</b>					<b>Amount in USD</b>
Sub-Total for Civil Work					
Sub-Total for Plumbing and Sanitary Work					
Sub-Total for Electrical Works					
<b>Grand Total - BOQ 1 – Operation Room One</b>					
<b>Grand total in words USD - BOQ 1 – Operation Room One</b>					
<b>Name of the contractor:</b>					
<b>Signature and stamp of the contractor</b>					

## BOQ 2 – Operation Room Two

Item	Description	Unit	Qty	Unit rate in USD	Amount USD
<b>1</b>	<b>Civil Works:</b>				
	<p>A - Demolishing and Preparing Works: The work shall include, but not limited to, the following:</p> <p>a. Removing of demolished material off site to an approved dumping area.</p> <p>b. The dismantled material are the sole properties of the client (in case those materials are 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 Engineer.</p> <p>d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles, etc.</p> <p>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.</p> <p>f. The contractor shall take all necessary measures to protect and minimize environmental hazards including pollution, noise, dust..etc</p>				
<b>A1</b>	<b>Demolish and remove</b> damaged floor and roof tiles for operation room No (2) , including preparing surfaces for new tile works and removal of surplus as directed by Engineer.	SQ.M	110		
<b>A2</b>	<b>Demolish and remove</b> damaged cables and trunks, including preparing surfaces for new works and removal of surplus as directed by Engineer.	L.S.	1		
<b>A3</b>	<b>Demolish and remove</b> damaged existing flourcent lighting fixtures and removal of surplus as directed by Engineer.	L.S.	1		
<b>A4</b>	<b>Stripping of damaged internal paint, plastering,</b> including preparing surfaces for new paint / plastering and removal of surplus as directed by Engineer.	SQ.M	170		
<b>A5</b>	<b>Repair and conduct maintenance on the existing damaged doors, windows</b> and replacement of necessary hardware and hinges and cleaning them from old painting by scratching and emery and installing necessary cage and handle as per technical standards and instructions of supervising engineer	No	15		
<b>A6</b>	<b>Supply and apply insulation of aluminum strips</b> for joints for operation room no. (2) as per technical standards and instructions of supervising engineer	L.M	25		

<b>A7</b>	<b>Repair and conduct maintenance &amp; re-install hand wash basin &amp; dish wash basin</b> , changing with new coppers, cables and joints and water mixer and any requirements for finishing work, cleaning and fixing as per as per technical standards and instructions complete as directed by Engineer.	No	3		
<b>A8</b>	<b>Removing insulation layer</b> of old membrane for ceilings of operation room No (2) in accordance with needs only as required and transfer of debris and preparing the site for new works as per technical standards and instructions of supervising engineer	SQ.M	70		
	<b>D - Plastering Works</b>				
<b>D1</b>	Supply and make internal plastering 15 mm thick for walls and ceiling with cement sand mortar (1:3) mix made of 440 Kg cement + 1 M3 sand. The work includes rough primer rendering, finishing coat and metal mesh at concrete block work joints in accordance with specifications.	SQ.M	20		
	<b>E - Painting Works</b>				
	All paint works should conform to manufacturer's instructions regarding number of coats, rate of application or drying time.  Painting to be carried out on new or old surfaces. Price shall include surface preparation, peeling off old defective paint, batching, ..etc. Rates shall include: Preparation of surface including puttying, sealing and priming, Painting for any area, width, or location Work in multi colors				
<b>E1</b>	<b>Supply &amp; apply minimum 2 coats of colored emulsion paint (Supercryle) on the internal walls.</b> The work shall include removing the defective old paints, cleaning, preparation of surface and puttying, and all required works.	SQ.M	195		
<b>E2</b>	<b>Supply &amp; apply of anti-slipping, anti-contact, anti shocks, anti-bacterial , anti-rotten epoxy floor</b> with good electricity ground for operation room No (2) as as per technical standards and instructions of supervising engineer the internal walls. The work shall include removing and repair of the defective areas, cleaning, preparation of surface and all required works.	SQ.M	80		
	<b>F - Tiling and Marble Works:</b>				
<b>F1</b>	<b>Ceramic floor tiles:</b> Supply and install non-slip ceramic floor tiles (grade A) size 300 mm x 300 mm x 10mm, laid on 30mm cement sand mortar for corridors and operation room entrance as per technical standards and instructions of supervising engineer including all required works.	SQ.M	64		
<b>F2</b>	<b>Marble Skirting.</b> Supply and install white Carrara marble (grade A) skirting, similar to the existing, 10mm thick and 100mm height, including all required works.	L.M	20		

<b>1</b>	<b>Sub Total Civil works</b>				
	<b>J - Plumbing and Sanitary Works:</b>				
<b>I1</b>	<b>Steel Sink.</b> Supply and install stainless steel sink 480x 580 mm and single hole faucet, complete with all water supply pipes, sensor, chromium plated mixer. The work includes all related work and accessories.	No	1		
<b>2</b>	<b>Sub Total for plumbing and sanitary works</b>				
<b>3</b>	<b>J - Electrical and A/C Works:</b>				
	<p>Unless otherwise stated, Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC Junk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working conditions.</p> <p>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. Testing and commissioning of the electrical installation is to be carried out by the contractor. All material, accessories, fittings shall be of good quality compatible with the existing and approved by the Engineer.</p>				
<b>J1</b>	<b>4x6+1X2.5mm<sup>2</sup> wiring:</b> Supply and install connect and commission, flexible electrical wires comply with BS 6500 Table 12, insulated with PVC of 6 mm <sup>2</sup> size, according to the specifications, and Engineer instructions.	L.M	100		
<b>J2</b>	<b>3x4mm<sup>2</sup> wire:</b> Supply and install connect and commission, flexible electrical wires comply with BS 6500 Table 12, according to the specifications, and Engineer instructions.	L.M	75		
<b>J3</b>	<b>2.5x4mm<sup>2</sup> wire:</b> Supply and install connect and commission, flexible electrical wires comply with BS 6500 Table 12, insulated with PVC of 2.5mm <sup>2</sup> size, according to the specifications, and Engineer instructions.	L.M	50		
<b>J4</b>	<b>Electrical Joint box.</b> Supply, install and replace, electrical box P.V.C first class for cable distribution including cover according to the specifications, and Engineer instructions.	No	31		
<b>J5</b>	<b>Switch:</b> Supply and install double pole 16 A, 220V, lighting switch, The work include removal of old ones as directed by Engineer.	No	8		
<b>J6</b>	<b>Socket outlet:</b> Supply and install, 380V socket outlet. The work includes the earthing cable and removal of old ones as directed by Engineer.	No	4		
<b>J7</b>	<b>Socket outlet.</b> 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	25		

<b>J8</b>	<b>Fluorescent lighting fixture 2 x 40 watt.</b> Supply and install fluorescent lighting fixture 2 x 40 watt complete set, grade A, including all needed material and accessories.	No	30		
<b>J9</b>	Supply and fix single circuit breakers, 2 phase voltage, and (6 - 32 A) rating and shall conform to IEC 60947-2.	No	4		
<b>J10</b>	Supply and fix circuit breakers, 3 phase voltage, 100 A rating and shall conform to IEC 60947-2.	No	4		
<b>J11</b>	Supply and fix of a good quality electrical air extractor, size 300 X 300 mm. The work includes all related work and accessories, all in accordance with specifications and Engineer's approval.	No	1		
<b>J12</b>	Supply and install of a good approved quality split unit air conditioner 18000 BTU inverter type, including all required material and accessories all as per the specifications and as directed by the Engineer.	No	1		
<b>3</b>	<b>Sub Total for Electrical and AC works</b>				
<b>Summary</b>					
<b>Description</b>					<b>Amount in USD</b>
Sub-Total for Civil Work					
Sub-Total for Plumbing and Sanitary Work					
Sub-Total for Electrical Works					
<b>Grand Total - BOQ 2 – Operation Room Two</b>					
<b>Grand total in words USD - BOQ 2 – Operation Room Two</b>					
<b>Name of the contractor:</b>					
<b>Signature and stamp of the contractor</b>					



**Specifications**

**Attached**

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

**Attached**