

DATE: 18/10/2023

REQUEST FOR PROPOSAL: HCR/IRQ/DHK/2023/RFP-061

**REHABILITATION AND EXPANSION OF NIWAR AND ROJHALAT SCHOOLS  
IN SUMEL URBAN, SUMEL DISTRICT DUHOK GOVERNORATE, IRAQ**

CLOSING DATE AND TIME: - 23:59 HRS IRAQ Local Time on 07/11/2023

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## INTRODUCTION TO UNHCR

The Office of the United Nations High Commissioner for Refugees was established on December 14, 1950, by the United Nations General Assembly. The agency is mandated to lead and co-ordinate international action to protect refugees and resolve refugee problems worldwide. Its primary purpose is to safeguard the rights and well-being of refugees. It also has a mandate to help stateless people.

In more than five decades, the agency has helped tens of millions of people restart their lives. Today, a staff of some 6,600 people in more than 110 countries continues to help about 60 million persons. To help and protect some of the world's most vulnerable people in so many places and types of environments, UNHCR must purchase goods and services worldwide. For further information on UNHCR, its mandate and operations please see <http://www.unhcr.org>.

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## 1. REQUIREMENTS

The Office of the United Nations High Commissioner for Refugees (UNHCR), Iraq Operations, invites qualified construction firms to make a firm offer **Rehabilitation and Expansion of Niwar and Rojhalat Schools in Sumel urban, Sumel District, Duhok Governorate, Iraq for UNHCR Iraq Operation.**

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| <b>IMPORTANT:</b> Bill of Quantities (BOQs) and Scope of Work (SOW) are detailed in Annex (A&B) of this document. |
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## 2. BIDDING INFORMATION

### 2.1 RFP DOCUMENTS

The following annexes form integral part of this Request for Proposal.

Annex A: Scope of Work (SOW)

Annex B: Bill of Quantities

Annex C: Design and the Structure (Drawings)

Annex D: Detailed Technical Evaluation Criteria

Annex E: Technical Proposal Form

Annex F: Vendor Registration Form

Annex G: General conditions of Contracts for the provision of Good and Services (July 2018)

Annex H: UNHCR General Conditions of Contracts for Civil works (October 2000)

Annex I: UN Supplier's Code of conduct

Annex J: e-Tender Box Supplier user manual

Annex K: How to Join Microsoft Teams without account.

Annex L: Financial Offer Form

Annex M: Tentative calendar of activities

Annex N: Bid Data Sheet

Annex O: Submission Checklist

**IMPORTANT:** It is strongly recommended that this Request for Proposal and its annexes be read thoroughly.

## 2.2 ACKNOWLEDGEMENT

We would appreciate your informing us of the receipt of this RFP by return e-mail to [IRQDUTND@unhcr.org](mailto:IRQDUTND@unhcr.org), CC: [SAADIS@unhcr.org](mailto:SAADIS@unhcr.org) as to:

- Your confirmation of receipt of this RFP
- Whether or not you will be submitting a bid

**IMPORTANT:** Failure to send the above requested information may result in disqualification of your offer from further evaluation.

## 2.3 REQUESTS FOR CLARIFICATION

Bidders are required to submit any request for clarification or any question in respect of this RFP by e-mail to [IRQDUTND@unhcr.org](mailto:IRQDUTND@unhcr.org), CC: [SAADIS@unhcr.org](mailto:SAADIS@unhcr.org). The deadline for receipt of questions is 23:59 HRS IRAQ Local Time on **26/10/2023**. Bidders are requested to keep all questions concise. UNHCR may, at its discretion, copy any reply to a question to all other invited firms.

All the emails sent requesting clarification **MUST** have the following subject otherwise UNHCR reserves the right **NOT TO REPLY**.

EMAIL SUBJECT: HCR/IRQ/DHK/2023/RFP 061 - Query

UNHCR will compile all questions and reply to the questions received as soon as possible by means of publication on the UNGM, UNHCR websites and by email to all bidders participating in the tender competition.

**IMPORTANT:** Please note that Bid Submissions are **NOT** to be sent to the e-mail address above. Bid Submissions sent directly to the e-mail addresses above will result in disqualification of the offer.

### 2.3.1 SITE VISIT:

All the participating construction companies/contractors are **required to attend the Mandatory site visits** to inspect the construction site before submitting their offer. The contractors are required to send an email for booking an appointment for the visit to the email address: [IRQDUTND@unhcr.org](mailto:IRQDUTND@unhcr.org), CC: [SADIS@unhcr.org](mailto:SADIS@unhcr.org) before **23/10/2023**. The date of the site visit is **25/10/2023** (the date and the time of the site visit is fixed no changes can be made to this date and time upon the request of a potential bidder).

Site Visit Date/Time: **25/10/2023** at 11 am.

Venue: Niwar and Rojhalat School, Domiz, Sumel District, Duhok, Iraq

GPS Coordinates: Niwar School: 36.787673510557994, 42.89649863300734

Roj Halat School: 36.78195407718467, 42.90857322855837

Please Note: UNHCR does not provide means of transport to the site.

### 2.3.2 PRE-BID CONFERENCE:

UNHCR will organize a supplier pre-bid conference on MS Teams, on **26/10/2023** at 11:00 HRS. A maximum of ONE representative per company is allowed. Name and contact details of the company's representatives must be provided, at least two working days in advance, by e-mail to [IRQDUTND@unhcr.org](mailto:IRQDUTND@unhcr.org), CC: [SAADIS@unhcr.org](mailto:SAADIS@unhcr.org) before **24/10/2023**. Changes in staff need to be shared in advance; otherwise, they will not be able to participate.

Participation to the pre-tender conference shall be at the bidders' own expenses. There will be no reimbursement from UNHCR.

Participation to the pre-tender conference is **STRONGLY RECOMMENDED** given the complexity of the requirements. However, after the supplier conference, a Questions & Answers document will be prepared and posted on UNGM and/or distributed by email to all invited bidders.

**IMPORTANT:** Please note that Bid Submissions are not to be sent to the e-mail address above.

## 2.4 YOUR OFFER

**IMPORTANT:** Cancellation of Solicitation: UNHCR reserves the right to cancel a Solicitation at any stage of the procurement process prior to final notice of award of a contract.

Your offer shall be prepared in English.

**Please submit your offer using the Annexes provided. Offers not conforming to the requested formats may be not taken into consideration.**

**IMPORTANT:** Please submit your proposal in accordance with the instructions provided in the "Submission of Bid" section 2.6) of this RFP.

Inclusion of copies of your proposals with any correspondence submitted directly to the attention of the responsible buyer or any other UNHCR staff other than the instructions provided under "Submission of Bid" Section 2.6) of this RFP will result in disqualification of the offer/proposal.

Your offer shall comprise the following sets of documents:

- Technical offer
- Financial offer

### 2.4.1 Content of the TECHNICAL OFFER

**IMPORTANT:**

No pricing information should be included in the technical offer. Failure to comply with instructions provided under Section 2.6 SUBMISSION OF PROPOSAL will result in disqualification of your offer/proposal. The technical offer should contain all information required.

The Bill of Quantities for **Rehabilitation and Expansion of Niwar and Rojhalat Schools in Sumel urban, Sumel district, Duhok Governorate, Iraq for UNHCR Iraq Operation.**, can be found in **Annex (A&B): Scope of Work (SOW) & Bill of Quantities**.

Your technical offer should be concisely presented and structured in the following order to include, but not necessarily limited to the following information:

#### **Description of the company and the company's qualifications**

A description of your company with the following documents: company profile, registration certificate and last audit reports:

- Year founded.
- If multi location company, specify headquarters location.
- Number of similar and successfully completed projects.
- Number of similar projects currently underway.
- Total number of clients; previous and current.

**a. Valid Registration Documents** / Certificate / Incorporation with the Government of Iraq (Federal Government or Kurdistan Region) as a construction or general contracting company, Company Age Not less than 3 years from the date of registration / incorporation.

**b.** Your technical offer should contain acknowledgement by signing the following mandatory documents as part of your technical proposal:

**(i) Annex G: General conditions of Contracts for the provision of Good and Services (July 2018)**

(ii) Annex H: UNHCR General Conditions of Contracts for Civil works (October 2000)

(iii) Annex I: Supplier's Code of conduct.

**Please note that submitting an offer is deemed as full acceptance of UNHCR's General Conditions for contracts and UN supplier code of conduct. [Signed copy of Annexes G, H & I are not required at this stage]**

- c. Bid Security: Your technical offer should contain the sum of **IQD 3,960,000** in the form of Certified Bankers Cheque issued from a local bank. The bid security must be valid for at least 180 Days after the closing date of the tender. ***(Please include a scanned copy of bid security in your technical documents submitted through eTenderbox and keep the original. UNHCR may ask to submit original copy at later stage of the evaluation.)***

The bid security for the unsuccessful bidders will be released with the regret letter(s). The Bid Security for the successful bidder(s) will be released upon the submission of the Performance Bond and upon the signing of the Awarded Contract.

**Your bid security may be forfeited:** If you withdraw your offer during the period of the Bid Validity specified by you in your offer: or, In the case of a successful Bidder, if you fail to sign the Contract/Purchase Order - in which case, you would have refused the offer.

- d. **Award and Performance Bond (bank guarantee):**

The Firm that submits the successful Proposal will be notified by "Letter of Award" prior to the expiration of the validity period. The letter, referred to as the "Letter of Award" will state the sum of the fees to be paid to the Firm for the services rendered and will indicate the terms under which the Contract must be finalized. The Contract must be signed within 14 days of the issuance of the Letter of Acceptance. The successful bidder will be required to furnish UNHCR with a **10% BANK GUARANTEE** of the contract value from a reputable bank in the next 7 days, valid for the entire period of the contract and the period for defects and liabilities period.

- e. List of Equipment owned by the firm to be mobilized for the execution of works described in **Annex (A&B): Scope of Work (SOW) & Annex B: Bill of Quantities.**
- f. Frame-time for completion of the project including the main project milestones; Incomplete Gantt chart, no Gantt Chart or Proposed Gantt chart (more than 30 days) of the indicated duration in (SoW) or Project Schedule not indicating a detailed sequence of activities of the proposed duration of **150 Days.**
- g. Experience and performance records with other UN Agencies, NGOs or any other major clients and other credentials.
- h. Similar Past Experience (Copies of 5 Purchase Orders (POs) with a value more than **USD 40,000 or equivalent to IQD** contract agreements, the actual copies of POs, contracts, or work orders should relate to similar projects (this includes construction and infrastructure projects) **past ten (10) years.**
- i. Project assumptions and constraints based on your understanding of the project, construction, rehabilitation, renewable energy, and sanitation projects)
- j. The methodology/approach to be used in addressing the issues outlined in the BoQ.
- k. Submit the latest 2 consecutive years' financial audited reports for the years **(2020-2021-2022)**; Audited Financial reports must include the Balance Sheet and must be certified by the Iraqi Association of Accountants, clearly demonstrating a minimum cumulative turnover of **USD 60,000.00 or equivalent to IQD.**
- l. **Vendor Registration Form:** If your company is **not** already registered with UNHCR, you should complete, sign, and submit with your technical proposal the **Vendor Registration Form (Annex F)** however incase if your company is registered, please clearly state your supplier/vendor ID. In-case if you are not sure about the status of your company, please send you're a duly filled Vendor Registration Form with copy of Tax Registration Certificate.
- m. Any information that will facilitate our evaluation of your company's substantive reliability, financial and managerial capacity to provide the requested requirements by UNHCR as specified in **Annex A: Scope of Work (SOW) & Annex B: Bill of Quantities.**

**Understanding of the requirements of the services requested in the solicitation documents such as: proposed approach, solutions, methodology and outputs.**

Any comments or suggestions on the project, as well as your detailed description of the manner in which your company would respond to the BOQs:

- A description of your organization's capacity to provide the required services.
- A description of your organization's experience in undertaking / implementing the project.
- Compliance to the requirements stated on the in the BOQ and/or technical proposal form.

#### **Proposed personnel to carry out the assignment.**

- The organization structure or organizational chart. List of key personnel and their qualifications with Curriculum Vitae of core staff.

**Where deemed necessary a supplier visit may be required to complement the narrative of the technical evaluation.**

#### **IMPORTANT:**

Companies not submitting the required documents with their proposal may be contacted by UNHCR and given one more opportunity (within 48 hours) to submit them, Only for the Administrative requirements **criterion no. 2, 3, 4 & 5 (Bid security, Business Registration Certificate, Tax Registration Certificate & Annex – O Submission Checklist (Duly signed and stamped by the bidder)).** Should these companies still not submit the missing documents, they will then be disqualified.

#### **2.4.2 Content of the FINANCIAL OFFER**

Your separate Financial Offer must contain an overall offer in Iraqi Dinar (IQD). The financial offer must cover all the services to be provided (price “all inclusive”). If no financial offer is received, the bid shall be automatically disqualified.

The Financial Offer is to be submitted as per the **Annex A: Scope of Work (SOW) & Annex B: Bill of Quantities & BIDS THAT HAVE A DIFFERENT PRICE STRUCTURE MAY NOT BE ACCEPTED.**

UNHCR is exempt from all direct taxes and customs duties. With this regard, **price has to be given without VAT.**

You are requested to hold your offer valid for a minimum of **180 days** from the deadline for submission. UNHCR will make its best effort to select a company within this period. UNHCR’s standard payment terms are within 30 days after satisfactory implementation and receipt of documents in order.

The cost of preparing a bid and of negotiating a contract, including any related travel, is not reimbursable nor can it be included as a direct cost of the assignment. Any activity undertaken or expenses incurred in preparation of a contract before an actual contract is signed shall be borne by the Bidder. An advance notice or information of award is not to be considered as a contract.

UNHCR will not provide any advance payments or payments by letter of credit. The standard payment terms are by bank transfer net thirty (30) days after acceptance of contractor’s invoice and delivery and acceptance of services by UNHCR in shape of a partial or substantial works completion certificate issued by the designated Project Manager / Engineer.

**IMPORTANT: UNHCR can only facilitate payments through the local banks and not banks outside of Iraq and therefore the current market condition must be factored in before submitting your quote.**

**IMPORTANT: Bidders are required to submit the financial offer both in PDF and Excel Sheet (Soft Copy) in the Template provided in Annex L: Financial Offer Form**

#### **2.5 BID EVALUATION:**

Each proposal from a Bidder will be considered separately and independently. Bidders shall submit a complete proposal for each solicitation in which they wish to participate. References to previous or on-going proposals will be not considered. Award of a previous contract with UNHCR will not be considered in itself as a preference or guarantee for the award of future solicitations on the same subject.

##### **2.5.1 Supplier Registration:**

The qualified company (s) will be added to the Vendor Database after investigation of suitability based on the submitted Vendor Registration Form and supporting documents. The investigation involves consideration of several factors such as:

Financial standing;  
Core business;

Track record;  
Contract capacity;

### 2.5.2 Technical and Financial evaluation:

For the award of this project, UNHCR has established evaluation criteria which governs the selection of offers received. Evaluation is made on a technical and financial basis. The percentage assigned to each component is determined in advance as follows:

- **Technical Offer will be weighed at 60 points (or 60%)**
- **Financial Offer will be weighed at 40 points (or 40%)**

#### Technical Offer

The Technical offer will be evaluated using inter alia the following criteria and percentage distribution: **60% from the total score**, with a minimum passing score of **36 points in overall, and minimum 20 points for technical specification of works**.

#### Annex D: Detailed Technical Evaluation Criteria

| Evaluation Factors                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mandatory                                                                                                                                                                                                                                                                                                                                                                                 |
| Mandatory Site Visit: The contractor should send an engineer/technical staff to visit the site on the said date and time and sign their company's name on the attendance sheet. <u>(The Engineer should bring an authorization letter from the company and show their engineering union ID card)</u> <u>(The attendant should show any proof that he/she is an engineer).</u>             |
| Valid Registration Documents / Certificate / Incorporation in Iraq with Federal Government or Kurdistan Region of Iraq)<br>Company Age Not less than 3 years from the date of registration/incorporation.                                                                                                                                                                                 |
| Valid Tax Registration Certificate                                                                                                                                                                                                                                                                                                                                                        |
| Mandatory bid security of <b>IQD 3,960,000</b> by "Good for Payment Cheque/Certified Cheque" made out in the name of UNHCR covering the offer's validity (180 days) It should be a certified cheque (not personal).<br>The cheque should indicate the RFP number & Title and must be issued under the company name. The selected company would be required to submit the original cheque. |
| Has the bidder submitted a duly signed/stamped Checklist (Annex – O)                                                                                                                                                                                                                                                                                                                      |
| Scoring Criteria                                                                                                                                                                                                                                                                                                                                                                          |
| General Company Qualification & experience (0-14 Point)                                                                                                                                                                                                                                                                                                                                   |
| Relevant Experiences (0-8) marks                                                                                                                                                                                                                                                                                                                                                          |
| Technical Specification of Works (0-30) marks (Min Passing point is 20 Points)                                                                                                                                                                                                                                                                                                            |
| Work Plan & Method of Implementation (0-8)                                                                                                                                                                                                                                                                                                                                                |
| <b>Total Marks (60)</b>                                                                                                                                                                                                                                                                                                                                                                   |

The Technical offer score will be calculated according to the percentage distribution for the technical and financial offers. The cut-off points for submissions to be considered technically compliant will be 60% of the total technical weightage **i.e. 36 out of the 60**.

#### Financial Offer:

The Financial offer will use the following percentage distribution: **40%** from the total score. The financial component will be analyzed only for those suppliers that pass the technical evaluation.

The maximum number of points will be allotted to the lowest price offer that is opened and compared among those invited firms. All other price offers will receive points in inverse proportion to the lowest price, e.g., [total Price Component] x [IQD lowest] \ [IQD other] = points for other supplier's Price Component.

#### Clarifications of Proposals:

To assist in the examination, evaluation, and comparison of proposals UNHCR may at its discretion ask the Bidder for clarification about the content of the proposal. The request for clarification and the response shall be in writing and no change in price or substance of the proposal shall be sought, offered, or accepted.

UNHCR reserves the right to award without clarifications and/or discussions. If there are arithmetic mistakes in the budget of the technically acceptable applicants, UNHCR will rectify these mistakes on the following basis:

- a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected; and
- b) If there is a discrepancy between the amounts in figures and in words, advantage will be given to the amounts in words.

If the correction(s) leads to a different total cost, this new total cost will be evaluated against other technically acceptable Proposals and considered as being part of the Best Value evaluation and selection. UNHCR reserves the right to reject the Proposal if the technically acceptable applicant does not accept the correction of mistakes in the budget by UNHCR.

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## 2.6 SUBMISSION OF BID:

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The offers must bear your official letter head, clearly identifying your company. The Technical and Financial offers shall be clearly separated.

**Please submit your proposal through an online eTenderBox Tool, which can be accessed at <http://etenderbox.unhcr.org>.**

To submit a proposal against UNHCR tender, the bidder needs to register in eTenderbox system. Please refer to the eTenderbox user manual

for bidders at Annex J: **e-Tender Box Supplier user manual**. You are requested to get familiar with this tool and create a login by registering your company in the system for access to the current and upcoming UNHCR tenders.

Once the login is created, the bidder will be given access to the UNHCR available tenders. Bidders can access the specific tender by clicking on the “tender reference number”, the system will then navigate to the detailed tender review page, where the separate technical and financial submissions can be done.

**It is the bidder’s responsibility to upload only technical documentation under the “Technical” category and financial documentation under the “Financial” category. Failure to do so will result in disqualification.**

***Note: The official submission of the selected files for upload is done by clicking the ‘Save & Submit’ button, therefore, this button has to be clicked before the deadline expires. If done so, the selected files will be submitted and uploaded successfully even if the deadline expires during the file upload. It is the Supplier’s responsibility to ensure that all files of the final offer are submitted before the tender expiration deadline. In order to ensure the safe submission of the full and final offer, it is recommended to have all files uploaded well before the tender deadline.***

Allowed extensions for files to upload are .doc, .docx, .xls, .xlsx, .rtf, .png, .jpg, .jpeg, .pdf, .txt, .zip, .ppt, .pptx, .bmp, .rar, .gif, .tif and .tiff, however **it is preferable to upload PDF files. Executable files** (.exe, .bat, .cmd etc.) should not be uploaded. All files should be clearly labeled. **The maximum size limit per file is 10MB.**

**IMPORTANT:** The technical offer and financial offer are to be sent in separate documents. Failure to do so may result in disqualification.

**IMPORTANT:** DEADLINE TO SUBMIT YOUR BID: **07/11/2023 BY 23:59 HOURS LOCAL TIME:** Any bid uploaded after this date and time will be rejected. UNHCR may, at its discretion, extend the deadline for the submission of bids by notifying through [etenderbox.unhcr.org](http://etenderbox.unhcr.org) and [WWW.UNGM.ORG](http://WWW.UNGM.ORG).

**IMPORTANT:** Any bid received after this date or sent to another UNHCR address may be rejected. UNHCR may, at its discretion, extend the deadline for the submission of bids, by notifying all prospective bidders simultaneously.

UNHCR will not be responsible for locating or securing any information that is not identified in the bid. Accordingly, to ensure that sufficient information is available, the bidder shall furnish, as part of the bid, any descriptive material such as extracts, descriptions, and other necessary information it deems necessary for a comprehensive understanding of its proposal by UNHCR.

**IMPORTANT:** The Financial offer will only be opened for evaluation if the supplier's technical part of the offer has passed the test and has been accepted by UNHCR as meeting the technical specifications.

## **2.7 BID ACCEPTANCE:**

UNHCR reserves the right to accept the whole or part of your bid or allow split or partial awards on this project. It is however important to note that the construction project cannot be split unless the various components are defined by LOT. All other projects are to be awarded on an all or nothing basis.

**Important:** Any missing cost for a line in Bill of Quantities & Financial Offer will be considered invalid.

UNHCR may at its discretion increase or decrease the proposed content when awarding the contract and would not expect a significant variation of the rate submitted. Any such increase or decrease in the contract duration would be negotiated with the successful bidder as part of the finalization of the Purchase Orders for Services.

Please note that UNHCR is not bound to select any of the firms submitting bids and does not bind itself in any way to select the firm offering the lowest price. Furthermore, the contract will be awarded to the bid considered most responsive to the needs, as well as conforming to UNHCR's general principles, including economy and efficiency and best value for money.

### **Some of the reasons of disqualification:**

Some of the reasons which may lead to such disqualification of your offer are as following: Proposal if:

1. The Applicant's qualification or data are proven to be false; The selected Applicant refuses to enter into a contract.
2. The Applicant commits a proven unfair or dishonest act in order to acquire rights for agreement award.
3. The proposal is received through any other means of communication except as specified in this solicitation document under Article 2.6 SUBMISSION OF BID
4. The offer is received after the deadline for submission of bids stated in the tender documents; and/or Sent via the correct route after having been sent incorrectly.
5. Any changes made to the BOQ by the bidder may result in disqualification of the offer.



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## 2.8 CURRENCY AND PAYMENT TERMS FOR PURCHASE ORDERS

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Any Purchase Order (PO) issued as a result of this RFP will be made in the currency of the winning offer(s). Payment will be made in accordance with the General Conditions for the Provision of Goods and Services and in the currency in which the PO is issued. Payments shall only be initiated after confirmation of successful completion by UNHCR business owner.

Any Purchase Order (PO) issued as a result of this RFP will be made in IQD. Payment will be as follows:

- a) **1st Payment (30%)** of contract value after completing **40% of work**.
- b) **2nd Payment (40%)** of contract value after completing **80% of work**.
- c) **3rd Payment (20%)** of contract value after completing **100% of work**.
- d) Payment Retention: 10% of the total project amount will be withheld from the Final Payment as Retention Amount for a period of Defect Liability Period of **Six Months** after completion of the project.

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## 2.9 UNHCR GENERAL CONDITIONS OF CONTRACTS FOR CIVIL WORKS (OCTOBER 2000)

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Please note that the **UNHCR General Conditions of Contracts for Civil works (October 2000) (Annex H)** will be strictly adhered to for the purpose of any future contract. The Bidder must confirm the acceptance of these terms and conditions in writing.

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## 2.10 UNHCR GENERAL CONDITIONS OF CONTRACTS FOR THE PROVISION OF GOODS AND SERVICES

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Please note that the **Annex G: General conditions of Contracts for the provision of Good and Services (July 2018)** will be strictly adhered to for the purpose of any future contract. The Bidder must confirm the acceptance of these terms and conditions in writing.

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## 2.11 UN Suppliers Code of Conduct

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Please note that the **Annex I: UN Supplier Code of Conduct** will be strictly adhered to for the purpose of any further contract. The Bidder must confirm the acceptance of these 'Code of Conduct in writing.

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## 2.12 Liquidated Damages

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- 2.12.1** In accordance with the provisions made in the Article 45 of (The UNHCR General Conditions of Contract for Civil Works (October 2000 version) and in Article 17 of the UNHCR Standard Contract for Construction Services. The Contractor acknowledges the requirement of UNHCR to be completed **in accordance with the time frames stipulated contract resulting from this solicitation process with the successful bidder**. The successful bidders will therefore be required to acknowledge, that time is of the essence in relation to performance of its obligations.
- 2.12.2** Should the Contractor be in delay, without prejudice to UNHCR's other rights and remedies, UNHCR may, at its sole option, demand liquidated damages for such delay, in an amount equal to **0.1%** for each DAY for the portion of incomplete portion of the works of delay beyond the date upon which the Services were due to be completed. The Parties agree and acknowledge that calculation of damages from a breach would be difficult to estimate accurately and that the foregoing The assessment will not exceed 10 percent of the Contract value is a reasonable approximation thereof and is intended as the fair allocation and liquidation of damages and not as a penalty against the Contractor.
- 2.12.3** UNHCR shall have the right to deduct any liquidated damages to which it is entitled under the terms of its standard contract for construction services from any monies due from UNHCR to a potential Contractor (resulting from this solicitation process), or to recover the same as a debt due from the Potential Contractor.

**2.12.4** Liquidated damages shall be payable by virtue of the sole fact of the delay without the need for any previous notice or any legal or arbitral proceedings, or proof of damage, which shall in all cases be considered as ascertained.

Signature

Anwar Ul Haq,  
Associate Supply Officer  
UNHCR Country Office Erbil

## Annex A Scope of Work (SOW)

### Rehabilitation and Expansion of Niwar and Rojhalat Schools in Sumel urban, Sumel district for UNHCR Iraq Operation.

During the past years, UN Agencies and 3RP partners have supported the administration and infrastructures of the schools that accommodate refugee/asylum seeker children in the Kurdistan Region of Iraq (KR-I) as part of intervention to promote access to education. In light of the recently implemented Refugee Education Integration Policy (REIP), UNHCR Sub-Office Dohuk together with education actors consolidated the infrastructure need assessments. The result showed that there are needs of rehabilitation and expansion of Niwar and Rojhalat schools in Sumel district where approximately 13,000 refugee children attend public schools in Sumel district.

As For Niwar school, the school is a basic school Grade 1-9 for boys but also accommodates another basic school named “Ronahi” for girls in the second shift. Both schools are overcrowded and accommodates a big number of children (around 1,200 students) divided on two shifts. Due to its strategic location, which is at the center of Sumel district, Niwar and Ronahi schools accommodate students residing across the center of the district. This results in a high number of children attending the school and overcrowding situation. Hence, the rehabilitation and expansion of the school will contribute to a secure and protective learning environment and reduce the pressure on the existing classrooms.

For Rojhalat school, the school is overcrowded accommodating around 600 students on two shifts where around 100 students are of refugee children. The school remained with no rehabilitation for few years, and it needs to be rehabilitated with the possibility of looking into its expansion to absorb more children in the school. The rehabilitation and expansion of the school will significantly address the school’s poor infrastructure and at the same time promote the access to quality education in the area.

The work includes:

- **Demarcation, Clearing and grubbing of the site.**
- **Civil works (site preparation, crushed gravel works, excavation, backfilling, etc...)**
- **Construction of classrooms including foundations, walls, and painting.**
- **Casting concrete for ramps, flooring, etc...**
- **Doors (PVC and steel), main gate (steel), windows, flooring, and roofing (false ceiling) works.**
- **Sanitation works (construction/ rehabilitation of WASH facilities, pipes installation, provision and installation of latrines, and handwash basin, etc...)**
- **Rehabilitation of playground and installation of fittings.**
- **Electrical works with all its fittings and requirements.**
- **Provision and installation of AC units.**
- **Provision and installation of water tanks.**

| No | Item/s to be Supplied                                                | Description/<br>Specifications<br>of Goods | Related<br>Services | Contract Duration |
|----|----------------------------------------------------------------------|--------------------------------------------|---------------------|-------------------|
| 1  | Following the items description in the BOQ<br>and technical drawings | As per BOQ                                 | As per BOQ          | 150 calendar days |

Site Visit: Mandatory

**Annex B: Bill of Quantities**  
**Niwar School**

| No. | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unit | Qty. |
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| 1   | <p><b>Demarcation, Clearing and Grubbing up Plots:</b> Providing survey equipment and instruments (As per work requirements) to demarcate main building in coordination with local municipality for the plot borders and as shown in the drawings and to be used throughout the construction duration. The contractor shall demolish, break up and remove all temporary buildings, structures and superficial obstructions on the Site to place indicated by Municipality, repairing the damages caused by works for the existed infrastructures (Electricity poles, wires, sewerage pipe, water pipes, etc...) <b>(According to the requirement of Section R2 of S.O.R.B. and I.G.T.S section 200)</b>. The works include removing of topsoil with a depth not less than 30 cm for to the 1.2 m depth for all types of soil (clay, rocky, Asphalt, concrete). The price includes cleaning the site from the debris as per instruction of engineers representative to a location identified by the local municipality, opening the access road to location of construction. Furthermore, for the area contains high moisture percentage, the work includes replacing of the soil by a boulder (oversize aggregates) including construction of the required filter with dimension 50 X50 cm cross section with all the works should be conducted according to instructions of supervisor Engineer.</p> | m2   | 500  |
| 1.1 | <p><b>Excavation works:</b> Provision of materials, manpower and equipment to excavate the foundation of all building (as Box), according to the measurements described in the drawings for sections and according to SORB R5, the work includes:</p> <ol style="list-style-type: none"> <li>1. Excavation in (all types of soil, concrete and rocky soil).</li> <li>2. Compacting subgrade.</li> <li>3. Back filling by boulders (over size) for the places required to be filled: for the areas with high water content, or poor quality if soil, minimum with 50 cm depth.</li> <li>4. A compacted layer of sub-base type A with 15 cm thickness under the concrete layer.</li> <li>5. Backfilling the sides with compacted sub-base type B.</li> <li>6. Repairing all accrued damage to existed infrastructures due to implementation.</li> <li>7. Demarcation, surveying, removing of the debris to the outside of the camp, to an area allocated by municipality, cleaning the existing box culverts in six locations under main road.</li> </ol> <p>All the works should be done according to drawings, technical specifications, and instruction of supervisor Engineer.</p>                                                                                                                                                                                                                  | m3   | 180  |
| 2   | <p><b>Backfilling Works:</b> Provide materials, machines and all other requirements to backfilling the main building using sub-base type A, in layers each one 20 cm after compaction according to R6 S.O.R.B with variable width indicated in cross section drawings for sections. The works include spreading the final layer by Chlorine or equivalent materials, watering (moisturizing) and compaction of and all works <b>should be according to supervisor Engineer instructions.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m3   | 150  |
| 3   | <p><b>Concrete Work:</b> All concrete works includes provision of materials of materials (sand, gravel, cement, steel of grad 60, plastic cover, plastic sheet (nylon), water, curing, shuttering (faire face for the roof (slab) and side of footings with steel columns and supports) ... etc.), vibrators, painting adhesive materials between columns, beams and slabs with finishing, manpower and equipment. All work should be done according to I.G.T. S section 600 and instructions of supervisor Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |

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| 3.1 | <b>Reinforced Concrete for Foundation:</b> Supply material and cast Reinforced concrete 50 cm thickness, different width, (210 Kg/cm <sup>2</sup> ), for foundation of walls and columns bases including reinforcement of steel bars, shuttering works, grading and leveling of the foundation on layer of lean concrete 10 cm and layer of plastic sheet. According to specification and instruction of supervisor Engineers.                                                                                                                                                                                                                                                                                                                                                                                                                                       | m <sup>3</sup> | 70  |
| 3.2 | <b>Ordinary Concrete for foundation:</b> Supply material and cast ordinary concrete 20 cm thickness, (210 Kg/cm <sup>2</sup> ) for foundation of fence, retained walls (thickness depend on the height of walls), walkways, and partition walls the final surface should be smooth including layer of crushed stone 10 cm, shuttering works were needed. According to specification, drawings, and instruction of supervisor Engineers.                                                                                                                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup> | 25  |
| 3.3 | <b>Reinforced Concrete for Beam:</b> Supply material and cast Reinforced concrete for the Tie beam under DPC, beams, Lintels and the lover around windows and doors (210 Kg/cm <sup>2</sup> ), including reinforcement, shuttering works, grading and leveling of the caste concrete. According to specification, drawings, and instruction of supervisor Engineers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | m <sup>3</sup> | 40  |
| 3.4 | <b>Reinforced Concrete for Columns:</b> Supply material and cast Reinforced concrete for the columns under and above DPC (250 Kg/cm <sup>2</sup> ), including reinforcement steel bars to be bent 80 cm to slab reinforcement, shuttering works, grading and leveling of the caste concrete. According to specification, drawings and instruction of supervisor Engineers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m <sup>3</sup> | 16  |
| 3.5 | <b>Reinforced Concrete for slab:</b> Supply material and cast Reinforced concrete for the slabs, stairs, parapet, and decorations parts (210 Kg/cm <sup>2</sup> ), including reinforcement steel bars, shuttering works, grading and leveling of the caste concrete, furthermore, laying a layer of high-density Styrofoam (35kg/m <sup>3</sup> ) under the roof for Isolation for the final floor roofs. According to specification, drawings and instruction of supervisor Engineers.                                                                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup> | 38  |
| 3.6 | <b>Ordinary Concrete for walkway:</b> Supply material and cast ordinary concrete 10 cm thickness, (210 Kg/cm <sup>2</sup> ) for walkways, path, floor under tiles and ramps the final surface should be smooth including layer of compacted crushed stone 10 cm, shuttering works were needed, and expansion joint each 4 m length. According to specification, drawings and instruction of supervisor Engineers.                                                                                                                                                                                                                                                                                                                                                                                                                                                    | m <sup>2</sup> | 300 |
| 3.7 | <b>Casting concrete above the septic tank (10*10m) :</b> Supply material and cast ordinary concrete 200 mm thickness (210 Kg/cm <sup>2</sup> ) above the septic tank (10*10m) , the work includes:<br>A.Preparation of the site including removing of existing concrete, grading and levelling the floor.<br>B.Laying a BRC 15x15 cm, 6 mm mesh.<br>C.laying a layer of sub base 150 mm thick (Type A), after compaction.<br>D.watering (moisturizing) and compaction of sub-base course layer not less than 95% of MDD and all works should be according to R 6 S.O.R.B and site engineer instructions.<br>E.using the mechanical machine (helicopter) for smoothing the surface concrete.<br>F.Making expansion joints by using the cutter machine every 5m.<br>All the works to be done according to the specifications and instruction of supervising Engineers. | m <sup>2</sup> | 100 |
| 3.8 | <b>Expansion Joints:</b> Supply material and construct expansion joints between walls, columns and slabs, including reinforced concrete parapets, roofs, cover beams and beams and others concrete, Styrofoam 5 cm thick, Aluminum plate 1.5 mm thick, 20 cm width to cover all horizontal and vertical joints outside.<br>, while the inside will be cover by wood (saj) size (18*250 mm) and the joint in tile will be filled by flexible materials (Mastic). According to specification and instruction of supervisor Engineers.<br>Note: the measurement will be from Top of first floor only.                                                                                                                                                                                                                                                                   | m.l            | 20  |

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| 4   | <b>Building works:</b> All works includes provision of materials of materials (sand, blocks, cement, curing, pointing works, manpower, equipment and other requirement of works. All work should be done according to I.G.T.S section 500 and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                         |     |     |
| 4.1 | <b>Concrete blocks work under DPC:</b> Provide materials and all requirements for building by solid block (15x20x40) cm, required height, (40-100) cm thickness, using cement sand mortar 1:3, filling spaces between walls for buildings, fence, and retaining walls. The works includes Styrofoam 2.5 cm thickness, PVC pipes 4 " and filling behind by oversize for retaining walls every 5 m. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                     | m3  | 75  |
| 4.2 | <b>Concrete blocks work above DPC :</b> Provide materials and all requirements for building walls by Hollow concrete block (20x20x40) cm, height to the roof, 40 cm thickness, using cement sand mortar 1:3, filling spaces between joint (horizontal and vertically) and foam for the reinforced concrete part with walls for Exterior walls and 20 cm thick for interior walls . All the works should be conducted according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                           | m3  | 175 |
| 4.3 | <b>Concrete blocks for fence and parapet walls:</b> Provide materials and all requirements for building by solid block (15x20x40) cm, required height, (20) cm thickness, using cement sand mortar 1:3, filling spaces between walls, using Styrofoam 2 cm width for joints of fence and roof parapet walls height 80 cm. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                                                                                             | m3  | 120 |
| 5   | <b>Metal works:</b> Provide materials, labors, equipment, machines, and all requirements according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |
| 5.1 | <b>Aluminum Windows:</b> Provide and install reinforced Aluminum windows, the standard cross-section G-60 as per drawings, double glass 6 mm and the filters between 4 mm. The price includes supplying and fixing of all required, washers, locks, hinges, handles, anti-fly mesh and opening holes for discharging water, furthermore, installing of protection steel from square bars 12 mm @ 15 cm c/painting one layer of anti- rust paint and two layer of oil paint. All the works should be conducted according to instructions of supervising Engineer.                                                                                                           | m2  | 30  |
| 5.2 | <b>Iron Doors:</b> Provide and install iron hinged door with different dimension made of square pipe 1.5" X 1.5" with thickness between (1.8 to 2) mm. Covered with 1.25mm (thickness) iron plate from both sides. The frame made of 2"x2" 3mm thickness iron angle or double charchobe ((25x5) cmx3 mm). The price includes protecting all iron surface by anti-rust paint, finished with two coat of oil base paint. Moreover, supplying and installing all required parts like handles, locks (Switch Italian Quality or equivalent), three 8cm hinges, slide locks (Sakata). etc. All the works should be conducted according to instructions of supervising Engineer. | m2  | 10  |
| 5.3 | <b>Repairing Existed Doors:</b> Provide materials, manpower and equipment the existing doors including, glass tinted wooded 6 mm. The price includes supplying and fixing of all required, washers, locks, hinges, handles, Kylon, switch, protecting all iron surface by anti-rust paint, finished with two coat of oil base paint. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                                                                                  | No. | 22  |
| 5.4 | <b>Repairing Existed Windows:</b> Provide materials, manpower and equipment the existing windows including, glass 4 mm. The price includes supplying and fixing of all required, washers, locks, hinges, handles, best type, protecting all iron even protection steel bars with surface by anti-rust paint, finished with two coat of oil base paint. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                                                                | No. | 36  |

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| 5.5 | <b>Supply and install Stairs:</b> Supply materials, labors, and equipment to install steel stair (50 cm width), from steel pipe 8x8 cm, 1.8 mm with 30 cm vertical partition interval from pipe 5x5x1.8 mm materials No. 2 and Two poles from Galvanized pipe 7.5 cm one of them will fix on the roof of building (4 m) and the other will be movable 6 m for the flag. The price includes protecting all iron surface by anti-rust paint, finished with two coat of oil base paint. All the works should be conducted according to instructions of supervising Engineer. | LS  | 1     |
| 6   | <b>Tilling floor works:</b> Provide materials, labors, equipment, machines and all requirements according to IGTS 600 ,900 and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                      |     |       |
| 6.1 | <b>Tilling works:</b> supply materials, labors and equipment for tilling the floor of the rooms with mosaic Tiles Turkish quality or equivalent (40x40) cm and cement sand mortar 1:3, with filling the tile joints with necessary white Cementous materials, the price include, cleaning the tile and smoothing it by mechanical machines (Chely) in site , covering the trip of stairs with marble 3cm and for rise of stairs 2 cm ,the measurement will be just m2 .According to the drawing and instructions of supervisor Engineer.                                  | m²  | 250   |
| 6.2 | <b>Ceramic skirtings:</b> Supply materials, tools, manpower for installing the ceramic tile for skirting 12 cm height, Turkish quality or equivalent, with cement sand mortar (1:3), using straight Aluminum rule 3 m with all requirements, all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                | m.l | 125   |
| 7   | <b>Finishing works:</b> Provide materials, labors, equipment, machines, curing and all requirements according to IGTS 100,1400,600 ,900 and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                         |     |       |
| 7.1 | <b>Plastering by cement:</b> Provide materials and all requirements for plastering using cement: sand mortar 1:3 for walls, outside slab, fence and the cracked places, by three layer (filling joint and spray layer, plastering layer with layer (kavmal) then final layer which should be smooth) the thickness not less than 2 cm, straight angle using Aluminum rule 3 m ,covering intersection of columns and beams with walls by mech wire . All the works should be conducted according to instructions of supervising Engineer.                                  | m2  | 550   |
| 7.2 | <b>Plastering by Gypsum:</b> Provide materials and all requirements for plastering by Gypsum for interior walls, roofs, The price include plastering one layer of cement using cement: sand mortar 1:3 (kavmal), covering intersection of columns and beams with walls by plastic mech wire. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                         | m2  | 400   |
| 7.3 | <b>Painting:</b> Provide materials and all requirements for painting using emulsion for inside and outside of Building, rooms corridors for existed and new part and anti-humidity (moisture blocker) for outside walls (Turkish quality or equivalent) in three layer or more until final appearance is accepted by the supervising engineer. All the works should be conducted according to IGTS and instructions of supervising Engineer.                                                                                                                              | m2  | 1,200 |
| 7.4 | <b>Oil Painting:</b> Provide materials and all requirements for painting using oil paint for skirting inside of rooms corridors for existed and new part and (Turkish quality or equivalent) in three layer or more until final appearance is accepted by the supervising engineer. All the works should be conducted according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                         | m2  | 250   |

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| 7.5 | <b>Covering Exterior windows:</b> Supply materials, tools, manpower for covering the face of windows by <b>double stone copen</b> 5 cm Turkish quality or Equivalent with skirting marble & copen 2 cm thickness in between, using cement mortar 1:3 (cement: sand) and adhesive materials with all requirements, filling the joints with suitable Cementous materials, the measurement will be circumference of windows one time only all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | m.l | 100 |
| 7.6 | <b>Marble for doors:</b> Supply materials, tools, manpower for covering the face of doors by <b>single marble copen</b> according to width of walls 25 cm, 2 cm thickness, using cement mortar 1:3 (cement: sand) and adhesive materials with all requirements, filling the joints with suitable Cementous materials, smoothing and circling the face of copen, the measurement will be circumference of door only all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m.l | 25  |
| 7.7 | <b>False Ceiling:</b> Supply materials, tools, manpower for covering the roof of by Gypsum Board <b>(60x60) cmx1.0 cm thickness</b> Turkish quality or equivalent for existed and new part, the price include fixing as per drawings of rail with root volt, screws, washers with all requirements, installation of plastic copen (10x2) cm under the false ceiling on the circumference of all rooms for the existed and new part, the measurement will be engineering square meter only all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | m2  | 130 |
| 7.8 | <b>False plastic Ceiling:</b> Supply materials, tools, manpower for covering the roof of Sanitation units by (plastic boards) <b>(60x60) cmx1.0 cm thickness</b> Turkish quality or equivalent, the price include fixing good quality of rail with root volt, screws, washers, plastic copen under it with all requirements, installation of plastic copen (10x2) cm under the false ceiling on the circumference of all rooms, the measurement will be engineering square meter only all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m2  | 20  |
| 8   | <b>Sanitation works:</b> Provide materials, labors, equipment, machines, curing and all requirements according to IGTS 1500 and instructions of supervising engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |
| 8.1 | <b>HAND WASH BASIN:</b> Provision of materials, manpower and equipment to install hand wash basin four for PWD (ceramic type (sample to submitted for approval) with dimension 60x40cm with the ceramic base and with all requirement such as water mixer fitting, valves, hoses, and using the proper bracket and adhesive to fix the basin to the wall, with connection to the water tanks using PPR Composite Water Pipes 20 mm with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 x 4.2mm PPR80 UV resistant (approved sample and suitable for drinking purpose/food grade) for both cold and hot water. The pipes will be buried under the concrete floor.<br>The work includes back filling, all fitting, valves, hoses and the price include removing the existing one. According to the specification and instruction of supervisor Engineer. | No. | 4   |
| 8.2 | <b>Eastern Latrine base:</b> Provide all the materials, machines, and manpower needed to install new Ceramic pan <b>Eastern type</b> with the flushing system (Siphon) (sample to be submitted for approval) with all necessary fittings (gully trap, chromium water Valve No. 1, pipes fittings, special glue, etc.). the price include removing the existing one.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No. | 6   |



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| 8.3 | <p><b>WESTREN LATRINE WORK:</b> Provision of materials, manpower and equipment to install western latrine base ( ceramic type (sample to be submitted for approval) with flush tank and all requirement ,the work includes providing and fixing chromium tap 12 mm fix on wall with connection to the water tanks with connection to the water tanks using PPR Composite Water Pipes 20 mm with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 x 4.2mm PPR80 UV resistant (approved sample and suitable for drinking purpose/food grade) for both cold and hot water. The pipes will be buried under the concrete floor the price include removing the existing one. All works to be executed according to specifications, drawings, and instructions of supervising Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                       | No. | 2  |
| 8.4 | <p><b>WATER TANK:</b> Provision and installation of (HDPE) water tanks with capacity of 1500 liters, approved sample vertical water tank with top/open cover, the walls with 3 Layers of grey color internally and blue color externally), and also with 1-inch cooper/brass outlet, 100% Virgin raw material not recycled (Polyethylene-linear high/low density) Food Grade. The tanks also should be Anti -ultraviolet (U.V.) resistance which blocks the sunlight and sun heat free of Algae and odor. The work includes provision of float valve , also the work includes connection form the tank to the source of water using PPR Composite Water Pipes (size 25 mm) with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 (approved sample and suitable for drinking purpose/food grade) and also installation of a valve with size 25 mm on the main pipe with 4 pieces of Styrofoam and wood 100x20x1000 mm as a base . All materials to be from approved quality &amp; sample, and the supplier should provide certificate of origin and quality of all supplied materials. The work also includes fixing the tanks using a metallic chain or band, with all necessary work.</p> | No. | 4  |
| 8.5 | <p><b>Electricity Boiler: Supplying,</b> installing and establishing an electric boiler, capacity of (200) liters and power of (3000) watts, the price includes on/off switch with an indication lamp capacity (45) ampere, using standard quality of (Turkish, Jordanian or Saudi) copper wires. (3 x 4) mm<sup>2</sup> inside plastic pipe or trunk and connected to an separate circuit breaker and a separate line with connection to feeders of hot and cold water with inspection, operation and all that is necessary to work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No. | 1  |
| 8.6 | <p><b>Connection with main source of water:</b> Provision of materials, manpower and equipment to install water pipes from main source to main water tanks, using PPR, PN20, Composite Water Pipes (size 25mm) with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, including excavation (30*60) cm, layer of soft sand and back filling including all fitting, valves, hoses. Following the specification and instruction of supervisor engineer. All materials to be from approved quality &amp; sample, and the supplier should provide certificate of origin and quality of all supplied materials.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | m.l | 50 |

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| 8.7  | <p><b>Water pipe</b> :Provision of materials and manpower to install <b>water pipes</b> from the water tanks to kitchens , shower and toilet, Lab, using PPR Composite Water Pipes (20 mm) with minimum 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 PPR80 UV resistant (approved sample and suitable for drinking purpose/food grade). All materials to be from approved quality and sample, the supplier should provide certificate of origin and quality of all supplied materials. The work also includes installation of existing water tanks with float valve and chromium water tap (3) inside, shower and toilet and fixing two valves 20mm with all fitting and necessary work.</p>                                                               | m.l | 250 |
| 8.8  | <p><b>Sanitation pipe PVC100 mm</b> :.Sanitation pipe 100 mm SN4,3.5 mm: Provide all the materials, machines, and manpower needed for installing a 100 mm Sewerage lines by Excavation of trench min. (50 x 40) cm in all type of soils, even rocky, removal of debris to the sites as directed by Engineer, compacting the bed spreading a layer of a clean soil under the pipe then laying and connecting the PVC pipes of Min.1% slope with special glue, white color (Size =100 mm, 4 mm wall thickness) with all necessary fittings and accessories (Tee, Elbow 45/90 degree, valves, divider, check points for (latrine, shower and kitchen) ...etc.) and galvanized cover size (70x70mm) for the floor drain inside showers and Kitchens then backfilling with a layer of a clean soil with a good compaction, the top of the pipe must be covered by min. 10 cm of clean soil, and a layer of crushed gravel (10 cm), according to the instruction of the supervising Engineer.</p> | m.l | 80  |
| 8.9  | <p><b>Sanitation pipe PVC 150mm</b>: Sanitation pipe: Provide all the materials, machines, and manpower needed for installing a 150 mm Sewerage lines by Excavation of trench min. (60 x 50) cm in all type of soils, even rocky, removal of debris to the sites as directed by Engineer, compacting the bed spreading a layer of a clean soil under the pipe then laying and connecting the PVC pipes of Min.1% slope with special glue, white color (size =150 mm, SN 8, 4.70 mm wall thickness) with all necessary fittings and accessories (Tee, Elbow 45/90 degree, valves, divider ...etc.) then backfilling with a layer of a clean soil with a good compaction (minimum 20 cm), according to the instructions of the supervising Engineer.</p>                                                                                                                                                                                                                                      | m.l | 20  |
| 8.10 | <p><b>PVC manholes (400x400) mm</b>: Provision of materials and manpower to install PVC manholes (40x40) cm with heavy plastic cover, for black, gray &amp; water from building to main manholes. The work also includes excavation, covering the manholes by concrete 7 cm thickness (40 cm width), with all fitting and necessary work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No. | 10  |
| 8.11 | <p><b>PVC manholes (500x500) mm</b>: Provision of materials and manpower to install PVC manholes (50x50) cm with heavy plastic cover, for black, gray &amp; water from building to manholes. The work also includes excavation, covering the manholes by concrete 7 cm thickness (50 cm width), with all fitting and necessary work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No. | 3   |
| 8.12 | <p><b>Galvanized Steel pipe 3"</b>: Provision of materials, manpower and equipment to install galvanized steel pipe diameter 3", heavy weight not less than (9 Kg/m. l) for roof drainage including the required fittings, elbow, connecting joints, according to the specification and instruction of supervisor Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | m.l | 20  |

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| 8.13 | <b>Floor drain:</b> Provision of materials, manpower and equipment to install stainless steel floor drain size (15x15) cm, the work includes installing of PVC pipe 4 " from the drain to manholes with excavation works. The work includes back filling, all fitting, Gully Trap, hoses. According to the specification and instruction of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No. | 10  |
| 8.14 | <b>Stainless steel taps:</b> Provision of materials and manpower to install stainless steel taps size 1/2" with all fitting and necessary work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | No. | 30  |
| 8.15 | <b>Electricity Water Pump:</b> Provide all the materials, machines, and manpower needed to install Electricity water pump size 2 HP with Automatic Powering instrument. The work includes all necessary fitting and connection with main electricity using cable 2x2.5 mm, installing steel box with lock for the pump. The supplier should provide certificate of origin and quality of all supplied materials according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                     | No. | 1   |
| 8.16 | <b>Electricity Water Cooler:</b> Provide all the materials, machines, and manpower needed to install Electricity water cooler (80x150x60) cm or equivalent Galvanized metals, two taps. The work includes all necessary fitting and connection with main drinking water network & electricity using cable 2x2.5 mm, and drainage pipe. The supplier should provide certificate of origin and quality of all supplied materials according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                      | No. | 2   |
| 9    | <b>External works:</b> Provide materials, labors, equipment, machines, curing and all requirements according to IGTS and instructions of supervising engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |
| 9.1  | <b>Supply and install Counter:</b> Supply materials, labors and equipment to install Aluminum counter size (60 cm width x85 cm Height ) covered from the top by sony marble (3 cm thickness,65 cm width ) with skirting one basin two wings with all accessories, connection with water supply (cold & hot) stainless steel mixture with valves, supply and install Gaz cooker 4-eyes with gas pipe and electricity connection, Electricity exhaust fan good quality above the cooker with tube for discharging gases outside inside the above extension top counter. The price include supply and install extension (Appendix) above Aluminum counter same color and length covered by Glass, furthermore, supply and installing Aluminum doors same color and bench inside each one with locks, hinges and handle, more. All the works should be conducted according to instructions of supervising Engineer. | m.l | 1.8 |
| 9.2  | <b>Garden works:</b> Provision of materials, manpower and equipment to construction of garden including, leveling of the ground, back filling for the places required by clean soil, supply and spreading 20 cm of soft sand (silty materials) suitable for growing plant, the price include making lines of concrete (20x15) cm on the circumference of each part, according to the specification and instruction of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m2  | 100 |
| 9.3  | <b>Sign board:</b> Supply materials, provide and installation of sign board size (1.2x0.8x0.15) m using reinforcement plastic and slide glass 6 mm with switch, the price includes covering inside by sponge and colored fabric with all accessories and with all necessary works and according to specifications and instructions of Supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No. | 10  |
| 9.4  | <b>Set above handwash:</b> Supply materials, provide and installation of soap holder, Mirror and stainless steel of clothes holder using chewy and screws for installation with all necessary works and according to specifications and instructions of Supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No. | 4   |
| 10   | <b>Electrical work:</b> Electrical points including provision and installation of all materials and labor, wires 2x2.5 mm2 for powering and 2x1.5 mm2 for lighting, galvanized boxes, switch 15-amp best type. All the works shall be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     |

|      | according to British Standards, Drawings and Section 1600 of I.G.T.S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 10.1 | <p>Supplying, installing and connecting main electrical board or ATS for the office consisting of the following parts:</p> <p>1- An airtight metal enclosure (ABB, Schneider, Dona) with a door and well secured with dimensions suitable for the board components</p> <p>2- A three-phase MCCB, capacity (100) amps, (2) unit</p> <p>3- A three-phase Contactors, capacity lth=100amps , (2) unit</p> <p>4- Three-phase sub-MCB, capacity (16) amps , (1) unit</p> <p>5- Pure copper suitable power distribution (Bus Bar) including grounding Bus Bar.</p> <p>6- Good quality display for voltage, current and frequency with special transformers (C.T)</p> <p>7- Laser signal lights or indicators .</p> <p>8- control accessories (timers, phase failure, relays ...etc.)</p> <p>The board must made according to the instruction of the supervising electrical engineer, with a suitable steel base for the board at an appropriate height and dyed with a base dye with inspection, operation and all that is necessary to work.</p> <p><b>Note:</b> All board components (sample to be submitted for approval) and must be type assembled by specialist With professional installation with inspection, commissioning .</p> | LS   | 1   |
| 10.2 | <p>Supplying and installing a secondary distribution board of capacity (12) lines with the main circuit breaker three-phase (63)amp and with circuit breakers of different size of Single Pole MCB and contains two copper rails or connector, one for neutral and the second for ground with all necessary to work , the price include source cable 4*10mm<sup>2</sup> (5m)</p> <p><b>Note:</b> All board components (sample to be submitted for approval) and must be type assembled by specialist With professional installation with inspection, commissioning .</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unit | 2   |
| 10.3 | <p>Preparing, installing a metal perforated galvanized cable holder (cable tray) of size (10) cm and thickness (1.5) mm with all its accessories (upper metal cover, the fixing bases and the joints) according to the instructed of the supervising engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M.I  | 80  |
| 10.4 | <p>Supplying, extending and connecting a cable made of pure copper of size (2 x 4) mm<sup>2</sup> standard best quality with all needed accessories from 12-line board to the classrooms and management rooms and according to the instruction of the electrical engineer supervising the work with the test and all that is necessary to work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M.I  | 280 |
| 10.5 | <p>Supply and install suitable PVC trunk with all needed accessories using to handle and cover wires in ceiling and walls, the price includes buried pipes for new 3 classrooms</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LS   | 1   |
| 10.6 | <p>Supplying, installing, testing and connecting ceiling fan, best type, the price includes regulator switch and wires using standard quality of (Turkish, Jordanian or Saudi copper wires) (2 x 1.5) mm inside plastic Trank, type and model should be selected according to supervisor engineer instructions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | each | 10  |
| 10.7 | <p>Supplying, installing, testing and connecting LED lights panels min 18w, operate range is (85-240) v both choke and led, the price includes switches and wires using standard quality of (Turkish, Jordanian or Saudi copper wires) (2 x 1.5) mm inside plastic Trank, type and model should be selected according to supervisor engineer instructions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | each | 10  |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |    |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 10.8  | Supplying, installing, testing and connecting LED Lamp 220V Fluorescent Light (54w-72) Wall Lamp, operate range is (85-240)v both choke and led ,the price include switches and wires using standard quality of (Turkish, Jordanian or Saudi copper wires or equivalent )(2 x 1.5) mm inside plastic Trank ,type and model should be selected according to supervisor engineer instructions                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | each | 20 |
| 10.9  | Supplying, installing, testing and connecting LED lights outdoor and waterproof min (20w-24w) ,operate range is (85-240)v both choke and led ,the price include wires using standard quality of (Turkish, Jordanian or Saudi copper wires or equivalent)(2 x 1.5) mm <sup>2</sup> , connecting to 2*4mm <sup>2</sup> cable type and model should be selected according to supervisor engineer instructions                                                                                                                                                                                                                                                                                                                                                                                                                                                              | each | 8  |
| 10.10 | Supplying, establishing and connecting an electrical outlet with a (13) amp switch plug, using quality of (Turkish, Jordanian or Saudi copper wires or equivalent) (3 x 2.5) mm <sup>2</sup> , according to supervisor engineer instructions, operation and all that is necessary to work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | each | 12 |
| 10.11 | Supplying, installing and connecting an exhaust fan (4 inches) using quality of (Turkish, Jordanian or Saudi copper wires or equivalent) (2 x 1.5) mm <sup>2</sup> inside a plastic conduit or Trank, the price also includes on/off switches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | each | 4  |
| 10.12 | Supplying, installing, connecting and operating the split units ( inverter Wall Mounted Split Unit) operating at an outdoor temperature of 50 degrees Celsius without problems, for the type (samples will be submitted for approval) capacity of (1.5) tons of heating and cooling, using quality of (Turkish, Jordanian or Saudi copper wires), (3 x 2.5) mm <sup>2</sup> inside a PVC pipe or Trank .the price include the on/off switch capacity (45) ampere with an indication lamp with the installation of the outdoor unit with plastic dampers floor on iron base with anti- rust paint and greasy dye, and with the establishment of pipes for condensation water and drainage to the nearest point of drainage, with a warranty for the conditioner for a period of 6 year and with all that is required to work the instruction of the supervising engineer | Unit | 2  |
| 1     | All the work items should be done according to IRAQI General Technical Specifications (IGTS) that complies with ACI- Code 2005 applied according to the instructions of the supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |    |
| 2     | All materials must be NEW from best type, approved by supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |    |
| 3     | All construction materials should be tested according to Construction Works Specification by NCCL (1981 edition), and (ASTM) specifications for water supply pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |    |
| 4     | The contractor Shall provide samples for all materials to be used in the project prior to using them in order to get approval from supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |    |
| 5     | It is the duty of the contractor to check the designs for accuracy and adequacy, otherwise the Employer take no risk of the contractors failure to accomplish the work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |    |
| 6     | The contractor shall provide all required manpower, transportation, equipment, tools, machinery ...etc. unless otherwise stated below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |    |
| 7     | In case of any difference between BOQ, designs and/or drawings; the instruction of supervisor Engineer will govern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |    |
| 8     | After all works finished the site must be cleaned from all debris and neglected materials must be removed to anywhere defined by municipality.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |    |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 | PREFABRICATED UNITS FOR THE ENGINEER : Constructing or providing caravans (with all necessary items) for Site Engineers' Office, furniture and office equipment, including consumable materials, stationary , internet, maintenance of office and all requirements according to the request of Engineer including the landscape, park areas and etc. Supplying electricity, heating features and water as well as well air-conditioning till the end of Project are also included in the Unit Price. |
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**Note: Bidders are requested to submit Financial Offer in PDF format duly signed and stamped along with the soft version of Excel Sheet.**

## **Annex B: Bill of Quantities** **Roj Halat School**

| No. | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Unit           | Qty. |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|
| 1   | <p><b>Demarcation, Clearing and Grubbing up Plots:</b> Providing survey equipment and instruments (As per work requirements) to demarcate main building in coordination with local municipality for the plot borders and as shown in the drawings and to be used throughout the construction duration. The contractor shall demolish, break up and remove all temporary buildings, structures and superficial obstructions on the Site to place indicated by Municipality, repairing the damages caused by works for the existed infrastructures (Electricity poles, wires, sewerage pipe, water pipes, etc...)</p> <p><b>(According to the requirement of Section R2 of S.O.R.B. and I.G.T.S section 200).</b> The works include removing of topsoil with a depth not less than 30 cm for to the 1.2 m depth for all types of soil (clay, rocky, Asphalt, concrete). The price includes cleaning the site from the debris as per instruction of engineers representative to a location identified by the local municipality, opening the access road to location of construction. Furthermore, for the area contains high moisture percentage, the work includes replacing of the soil by a boulder (oversize aggregates) including construction of the required filter with dimension 50 X50 cm cross section with all the works should be conducted according to instructions of supervisor Engineer.</p> | m <sup>2</sup> | 500  |
| 1.1 | <p><b>Excavation works:</b> Provision of materials, manpower and equipment to excavate the foundation of all building (as Box), according to the measurements described in the drawings for sections and according to SORB R5, the work includes:</p> <ol style="list-style-type: none"> <li>1. Excavation in (all types of soil, concrete and rocky soil).</li> <li>2. Compacting subgrade.</li> <li>3. Back filling by boulders (over size) for the places required to be filled: for the areas with high water content, or poor quality if soil, minimum with 50 cm depth.</li> <li>4. A compacted layer of sub-base type A with 15 cm thickness under the concrete layer.</li> <li>5. Backfilling the sides with compacted sub-base type B.</li> <li>6. Repairing all accrued damage to existed infrastructures due to implementation.</li> <li>7. Demarcation, surveying, removing of the debris to the outside of the camp, to an area allocated by municipality, cleaning the existing box culverts in six locations under main road.</li> </ol> <p>All the works should be done according to drawings, technical specifications and instruction of supervisor Engineer.</p>                                                                                                                                                                                                                          | m <sup>3</sup> | 180  |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|
| 2   | <b>Backfilling Works:</b> Provide materials, machines and all other requirements to backfilling the main building using sub-base type A, in layers each one 20 cm after compaction according to R6 S.O.R.B with variable width indicated in cross section drawings for sections. The works include spreading the final layer by Chlorine or equivalent materials, watering (moisturizing) and compaction of and all works <b>should be according to supervisor Engineer instructions.</b>                         | m3 | 150 |
| 3   | <b>Concrete Work:</b> All concrete works includes provision of materials of materials (sand, gravel, cement, steel of grad 60, plastic cover, plastic sheet (nylon), water, curing, shuttering (faire face for the roof (slab) and side of footings with steel columns and supports)... etc.),vibrators, painting adhesive materials between columns, beams and slabs with finishing , manpower and equipment. All work should be done according to I.G.T. S section 600 and instructions of supervisor Engineer. |    |     |
| 3.1 | <b>Reinforced Concrete for Foundation:</b> Supply material and cast Reinforced concrete 50 cm thickness, different width, (210 Kg/cm2), for foundation of walls and columns bases including reinforcement of steel bars, shuttering works, grading and leveling of the foundation on layer of lean concrete 10 cm and layer of plastic sheet. According to specification and instruction of supervisor Engineers.                                                                                                 | m3 | 70  |
| 3.2 | <b>Ordinary Concrete for foundation:</b> Supply material and cast ordinary concrete 20 cm thickness, (210 Kg/cm2) for foundation of fence, retained walls (thickness depend on the height of walls), walkways, and partition walls the final surface should be smooth including layer of crushed stone 10 cm, shuttering works were needed. According to specification, drawings and instruction of supervisor Engineers.                                                                                         | m3 | 25  |
| 3.3 | <b>Reinforced Concrete for Beam:</b> Supply material and cast Reinforced concrete for the Tie beam under DPC, beams, Lintels and the lover around windows and doors (210 Kg/cm2), including reinforcement, shuttering works, grading and leveling of the caste concrete. According to specification, drawings and instruction of supervisor Engineers.                                                                                                                                                            | m3 | 40  |
| 3.4 | <b>Reinforced Concrete for Columns:</b> Supply material and cast Reinforced concrete for the columns under and above DPC (250 Kg/cm2), including reinforcement steel bars to be bent 80 cm to slab reinforcement, shuttering works, grading and leveling of the caste concrete. According to specification, drawings and instruction of supervisor Engineers.                                                                                                                                                     | m3 | 16  |
| 3.5 | <b>Reinforced Concrete for slab:</b> Supply material and cast Reinforced concrete for the slabs, stairs, parapet, and decorations parts (210 Kg/cm2), including reinforcement steel bars, shuttering works, grading and leveling of the caste concrete, furthermore, laying a layer of high-density Styrofoam (35kg/m3) under the roof for Isolation for the final floor roofs. According to specification, drawings and instruction of supervisor Engineers.                                                     | m3 | 38  |
| 3.6 | <b>Ordinary Concrete for walkway:</b> Supply material and cast ordinary concrete 10 cm thickness, (210 Kg/cm2) for walkways, paths, floors under tiles and ramps the final surface should be smooth including a layer of compacted crushed stone 10 cm, shuttering works were needed, and expansion joint each 4 m length. According to specifications, drawings and instructions of supervisor Engineers.                                                                                                        | m2 | 300 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| 3.7 | <p><b>Casting concrete for access path of WASH Facilities:</b> Supply material and cast ordinary concrete 200 mm thickness (210 Kg/cm<sup>2</sup>) for access path of WASH Facilities and ramps (if needed), The work includes:</p> <p>A. Site preparation includes removing existing concrete, grading and levelling the floor.</p> <p>B. Laying a BRC 15x15 cm, 6 mm mesh.</p> <p>C. laying a layer of sub-base type A150 mm thick, after compaction.</p> <p>D. watering (moisturizing) and compaction of sub-base course layer not less than 95% of MDD and all works should be according to R 6 S.O.R.B and site engineer instructions.</p> <p>E. Using the mechanical machine (helicopter) for smoothing the surface concrete.</p> <p>F. Making expansion joints by using the cutter machine every 4m.</p> <p>G. Having proper slopes and ramps to make accessibility for persons with specific needs (Slope = 6-8%)</p> <p>All the work is to be done according to the specifications and instructions of supervising Engineers.</p> | m <sup>2</sup> | 150 |
| 3.8 | <p><b>Expansion Joints :</b> Supply material and construct expansion joints between walls, columns and slabs, including reinforced concrete parapets ,roofs ,cover beams and beams and others concrete, Styrofoam 5 cm thick, Aluminum plate 1.5 mm thick.,20 cm width to cover all horizontal and vertical joints outside</p> <p>,while the inside will be cover by wood (saj) size (18*250 mm) and the joint in tile will be filled by ruble materials . According to specification and instruction of supervisor Engineers.</p> <p>Note: the measurement will be from Top of first floor only.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                      | m.l            | 20  |
| 4   | <p><b>Building works:</b> All works includes provision of materials of materials (sand, blocks, cement, curing, pointing works, manpower, equipment and other requirement of works. All work should be done according to I.G.T.S section 500 and instructions of supervisor Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |     |
| 4.1 | <p><b>Concrete blocks work under DPC:</b> Provide materials and all requirements for building by solid block (15x20x40) cm, required height, (40-100) cm thickness, using cement sand mortar 1:3, filling spaces between walls for buildings, fence, and retaining walls. The works includes Styrofoam 2.5 cm thickness, PVC pipes 4 " and filling behind by oversize for retaining walls every 5 m. All the works should be conducted according to instructions of supervising Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup> | 75  |
| 4.2 | <p><b>Concrete blocks work above DPC for walls:</b> Provide materials and all requirements for building walls by Hollow concrete block (20x20x40) cm, height to the roof, 40 cm thickness, using cement sand mortar 1:3, filling spaces between joint (horizontal and vertically) and foam for the reinforced concrete part with walls for Exterior walls and 20 cm thick for interior walls. All the works should be conducted according to IGTS and instructions of supervising Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m <sup>3</sup> | 175 |
| 4.3 | <p><b>Concrete blocks for fence and parapet walls:</b> Provide materials and all requirements for building by solid block (15x20x40) cm, required height, (20) cm thickness, using cement sand mortar 1:3, filling spaces between walls, using Styrofoam 2 cm width for joints of fence and roof parapet walls height 80 cm. All the works should be conducted according to instructions of supervising Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m <sup>3</sup> | 35  |
| 5   | <p><b>Metal works:</b> Provide materials, labors, equipment, machines and all requirements according to IGTS and instructions of supervising Engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |     |



|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |     |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| 5.1 | <b>Aluminum Windows:</b> Provide and install reinforced Aluminum windows, the standard cross-section G-60 as per drawings, double glass 6 mm and the filters between 4 mm. The price includes supplying and fixing of all required, washers, locks, hinges, handles, anti-fly mesh and opening holes for discharging water, furthermore, installing of protection steel from square bars 12 mm @ 15 cm c/painting one layer of anti- rust paint and two layer of oil paint .All the works should be conducted according to instructions of supervising Engineer.                                                                                                           | m2             | 30  |
| 5.2 | <b>Iron Doors:</b> Provide and install iron hinged door with different dimension made of square pipe 1.5" X 1.5" with thickness between (1.8 to 2) mm. Covered with 1.25mm (thickness) iron plate from both sides. The frame made of 2"x2" 3mm thickness iron angle or double charchobe ((25x5) cmx3 mm). The price includes protecting all iron surface by anti-rust paint, finished with two coat of oil base paint. Moreover, supplying and installing all required parts like handles, locks (Switch Italian Quality or equivalent), three 8cm hinges, slide locks (Sakata), etc. All the works should be conducted according to instructions of supervising Engineer. | m2             | 10  |
| 5.3 | <b>Repairing Existed Doors:</b> Provide materials, manpower and equipment the existing doors including, glass tinted wooded 6 mm. The price includes supplying and fixing of all required, washers, locks, hinges, handles, Kylon, switch best type, protecting all iron surface by anti-rust paint, finished with two coat of oil base paint. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                                                                        | No.            | 32  |
| 5.4 | <b>Repairing Existed Windows:</b> Provide materials, manpower and equipment the existing windows including, glass 4 mm. The price includes supplying and fixing of all required, washers, locks, hinges, handles, best type, protecting all iron even protection steel bars with surface by anti-rust paint, finished with two coat of oil base paint. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                                                                                                | No.            | 44  |
| 5.5 | <b>Supply and install Stairs:</b> Supply materials, labors and equipment to install steel stair (50 cm width), from steel pipe 8x8 cm,1.8 mm with 30 cm vertical partition interval from pipe 5x5x1.8 mm materials No. 2 and Two poles from Galvanized pipe 7.5 cm one of them will fix on the roof of building (4 m) and the other will be movable 6 m for the flag. The price includes protecting all iron surface by anti-rust paint, finished with two coat of oil base paint. All the works should be conducted according to instructions of supervising Engineer.                                                                                                    | LS             | 1   |
| 6   | <b>Tilling floor works:</b> Provide materials, labors, equipment, machines and all requirements according to IGTS 600 ,900 and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |     |
| 6.1 | <b>Tilling works:</b> supply materials, labors and equipment for tilling the floor of the rooms with mosaic Tiles Turkish quality or equivalent (40x40) cm and cement sand mortar 1:3, with filing the tile joints with necessary white Cementous materials, the price include, cleaning the tile and smoothing it by mechanical machines (Chely) in site , covering the trip of stairs with marble 3cm and for rise of stairs 2 cm ,the measurement will be just m2 .According to the drawing and instructions of supervisor Engineer.                                                                                                                                    | m <sup>2</sup> | 200 |
| 6.2 | <b>Ceramic skirtings:</b> Supply materials, tools, manpower for installing the ceramic tile for skirting 12 cm height, Turkish quality or equivalent, with cement sand mortar (1:3), using straight Aluminum rule 3 m with all requirements, all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                 | m.l            | 125 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|
| 6.3 | <b>Tilling by ceramic works:</b> supply materials, labors and equipment for tilling the wash facilities of buildings and administration offices by with colored ceramic Tiles (40x40) cm or equivalent (Turkish quality or equivalent) and cement sand mortar 1:3, with filing the tile joints with necessary white Cementous materials, the price includes removing the existed tiles. According to the drawing and instructions of supervisor Engineer.                                                                                 | m <sup>2</sup> | 20    |
| 6.4 | <b>Tilling by Shtiger works</b> supply materials, labors and equipment for tilling the walkways and the entrance of buildings by with colored Shtiger Tiles (40x40) cmx3cm and cement sand mortar 1:3, with filing the tile joints with necessary white Cementous materials. According to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                            | m <sup>2</sup> | 20    |
| 7   | <b>Finishing works:</b> Provide materials, labors, equipment, machines, curing and all requirements according to IGTS 100,1400,600 ,900 and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                         |                |       |
| 7.1 | <b>Plastering by cement:</b> Provide materials and all requirements for plastering using cement: sand mortar 1:3 for walls, outside slab and fence, and cracked places, by three layers (filling joint and spray layer, plastering layer with layer (kavmal) then final layer which should be smooth) the thickness not less than 2 cm, straight angle using Aluminum rule 3 m ,covering intersection of columns and beams with walls by mech wire . All the works should be conducted according to instructions of supervising Engineer. | m <sup>2</sup> | 560   |
| 7.2 | <b>Plastering by Gypsum:</b> Provide materials and all requirements for plastering by Gypsum for interior walls, roofs, The price include plastering one layer of cement using cement: sand mortar 1:3 (kavmal), covering intersection of columns and beams with walls by plastic mech wire. All the works should be conducted according to instructions of supervising Engineer.                                                                                                                                                         | m <sup>2</sup> | 420   |
| 7.3 | <b>Painting:</b> Provide materials and all requirements for painting using emulsion for inside and outside of Building, rooms corridors for existed and new part and anti-humidity (moisture blocker) for outside walls (Turkish quality equivalent) in three layer or more until final appearance is accepted by the supervising engineer. All the works should be conducted according to IGTS and instructions of supervising Engineer.                                                                                                 | m <sup>2</sup> | 3,500 |
| 7.4 | <b>Oil Painting:</b> Provide materials and all requirements for painting using oil paint for skirting inside of rooms corridors for existed and new part and (Turkish quality or equivalent) in three layer or more until final appearance is accepted by the supervising engineer. All the works should be conducted according to IGTS and instructions of supervising Engineer.                                                                                                                                                         | m <sup>2</sup> | 550   |
| 7.5 | <b>Covering Exterior windows:</b> Supply materials, tools, manpower for covering the face of windows by <b>double stone copen</b> 5 cm Turkish quality or Equivalent with skirting marble &copen 2 cm thickness in between , using cement mortar 1:3 (cement: sand) and adhesive materials with all requirements, filling the joints with suitable Cementous materials, the measurement will be circumference of windows one time only all the work should be done according to the drawing and instructions of supervisor Engineer.      | m.l            | 100   |
| 7.6 | <b>Marble for doors:</b> Supply materials, tools, manpower for covering the face of doors by <b>single marble copen</b> according to width of walls 25 cm,2 cm thickness, using cement mortar 1:3 (cement: sand) and adhesive materials with all requirements, filling the joints with suitable Cementous materials, smoothing and circling the face of copen, the measurement will be circumference of door only all the work should be done according to the drawing and instructions of supervisor Engineer.                           | m.l            | 25    |

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| 7.7 | <b>False Ceiling:</b> Supply materials, tools, manpower for covering the roof of by Gypsum Board <b>(60x60) cmx1.0 cm thickness</b> Turkish quality or equivalent for existed and new part ,the price include fixing as per drawings of rail with root volt , screws, washers with all requirements, installation of plastic copen (10x2) cm under the false ceiling on the circumference of all rooms for the existed and new part , the measurement will be engineering square meter only all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m2  | 550 |
| 7.8 | <b>False plastic Ceiling:</b> Supply materials, tools, manpower for covering the roof of Sanitation units by (plastic boards) <b>(60x60) cmx1.0 cm thickness</b> Turkish quality or equivalent ,the price include fixing good quality of rail with root volt , screws, washers ,plastic copen under it with all requirements, installation of plastic copen (10x2) cm under the false ceiling on the circumference of all rooms , the measurement will be engineering square meter only all the work should be done according to the drawing and instructions of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m2  | 40  |
| 8   | <b>Sanitation works:</b> Provide materials, labors, equipment, machines, curing and all requirements according to IGTS 1500 and instructions of supervising engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |     |
| 8.1 | <b>HAND WASH BASIN:</b> Provision of materials, manpower and equipment to install hand wash basin four for PWD (ceramic type (sample to submitted for approval) with dimension 60x40cm with the ceramic base and with all requirement such as water mixer fitting, valves, hoses, and using the proper bracket and adhesive to fix the basin to the wall, with connection to the water tanks using PPR Composite Water Pipes 20 mm with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 x 4.2mm PPR80 UV resistant (approved sample and suitable for drinking purpose/food grade) for both cold and hot water. The pipes will be buried under the concrete floor.<br>The work includes back filling, all fitting, valves, hoses and the price include removing the existing one. According to the specification and instruction of supervisor Engineer. | No. | 4   |
| 8.2 | <b>Eastern Latrine base:</b> Provide all the materials, machines, and manpower needed to install new Ceramic pan <b>Eastern type</b> with the flushing system (Siphon) (sample to be submitted for approval) with all necessary fittings (gully trap, chromium water Valve No. 1, pipes fittings, special glue, etc.).the price include removing the existing one.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No. | 6   |
| 8.3 | <b>WESTREN LATRINE WORK:</b> Provision of materials, manpower and equipment to install western latrine base ( ceramic type (sample to be submitted for approval) with flush tank and all requirement ,the work includes providing and fixing chromium tap 12 mm fix on wall with connection to the water tanks with connection to the water tanks using PPR Composite Water Pipes 20 mm with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 x 4.2mm PPR80 UV resistant (approved sample and suitable for drinking purpose/food grade) for both cold and hot water. The pipes will be buried under the concrete floor the price include removing the existing one. All works to be executed according to specifications, drawings, and instructions of supervising Engineer.                                                                            | No. | 2   |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |     |
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| 8.4 | <p><b>WATER TANK:</b> Provision and installation of (HDPE) water tanks with capacity of 1500 liters, approved sample vertical water tank with top/open cover, the walls with 3 Layers of grey color internally and blue color externally), and also with 1-inch cooper/brass outlet, 100% Virgin raw material not recycled (Polyethylene-linear high/low density) Food Grade. The tanks also should be Anti-ultraviolet (U.V.) resistance which blocks the sunlight and sun heat free of Algae and odor. The work includes provision of float valve , also the work includes connection form the tank to the source of water using PPR Composite Water Pipes (size 25 mm) with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 (approved sample and suitable for drinking purpose/food grade) and also installation of a valve with size 25 mm on the main pipe with 4 pieces of Styrofoam and wood 100x20x1000 mm as a base . All materials to be from approved quality &amp; sample, and the supplier should provide certificate of origin and quality of all supplied materials. The work also includes fixing the tanks using a metallic chain or band, with all necessary work.</p> | No. | 4   |
| 8.5 | <p><b>Electricity Boiler: Supplying,</b> installing and establishing an electric boiler, capacity of (200) liters and power of (3000) watts, the price includes on/off switch with an indication lamp capacity (45) ampere, using standard quality of (Turkish, Jordanian or Saudi) copper wires. (3 x 4) mm<sup>2</sup> inside plastic pipe or trunk and connected to a separate circuit breaker and a separate line with connection to feeders of hot and cold water with inspection, operation and all that is necessary to work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No. | 1   |
| 8.6 | <p><b>Connection with main source of water:</b> Provision of materials, manpower and equipment to install water pipes from main source to main water tanks, using PPR, PN20, Composite Water Pipes (size 25mm) with Min. 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, including excavation (30*60) cm, layer of soft sand and back filling including all fitting, valves, hoses. Following the specification and instruction of supervisor engineer. All materials to be from approved quality &amp; sample, and the supplier should provide certificate of origin and quality of all supplied materials.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m.l | 50  |
| 8.7 | <p><b>Water pipe :</b>Provision of materials and manpower to install <b>water pipes</b> from the water tanks to kitchens , shower and toilet, Lab, using PPR Composite Water Pipes (20 mm) with minimum 3 Layers side walls (PPR/GF or AL/PE), PPR-C inner layer and a special mixture of GF PP or Aluminum middle layer and should be coated with an external layer of LDPE (Low Density of Polyethylene Layer) dark grey color to provide protection against ultraviolet rays, PN25 PPR80 UV resistant (approved sample and suitable for drinking purpose/food grade). All materials to be from approved quality and sample, the supplier should provide certificate of origin and quality of all supplied materials. The work also includes installation of existing water tanks with float valve and chromium water tap (3) inside, shower and toilet and fixing two valves 20mm with all fitting and necessary work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m.l | 250 |

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| 8.8  | <b>Sanitation pipe PVC100 mm:</b> .Sanitation pipe 100 mm SN4,3.5 mm: Provide all the materials, machines, and manpower needed for installing a 100 mm Sewerage lines by Excavation of trench min. (50 x 40) cm in all type of soils, even rocky, removal of debris to the sites as directed by Engineer, compacting the bed spreading a layer of a clean soil under the pipe then laying and connecting the PVC pipes of Min.1% slope with special glue, white color (Size =100 mm, 4 mm wall thickness) with all necessary fittings and accessories (Tee, Elbow 45/90 degree, valves, divider, check points for (latrine, shower and kitchen) ...etc.) and galvanized cover size (70x70mm) for the floor drain inside showers and Kitchens then backfilling with a layer of a clean soil with a good compaction, the top of the pipe must be covered by min. 10 cm of clean soil, and a layer of crushed gravel (10 cm), according to the instruction of the supervising Engineer. | m.l | 80 |
| 8.9  | <b>Sanitation pipe PVC 150mm:</b> Sanitation pipe: Provide all the materials, machines, and manpower needed for installing a 150 mm Sewerage lines by Excavation of trench min. (60 x 50) cm in all type of soils, even rocky, removal of debris to the sites as directed by Engineer, compacting the bed spreading a layer of a clean soil under the pipe then laying and connecting the PVC pipes of Min.1% slope with special glue, white color (size =150 mm, SN 8, 4.70 mm wall thickness) with all necessary fittings and accessories (Tee, Elbow 45/90 degree, valves, divider ...etc.) then backfilling with a layer of a clean soil with a good compaction (minimum 20 cm), according to the instructions of the supervising Engineer.                                                                                                                                                                                                                                      | m.l | 20 |
| 8.10 | <b>PVC manholes (400x400) mm:</b> Provision of materials and manpower to install PVC manholes (40x40) cm with heavy plastic cover, for black, gray & water from building to main manholes. The work also includes excavation, covering the manholes by concrete 7 cm thickness (40 cm width), with all fitting and necessary work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No. | 10 |
| 8.11 | <b>PVC manholes (500x500) mm:</b> Provision of materials and manpower to install PVC manholes (50x50) cm with heavy plastic cover, for black, gray & water from building to manholes. The work also includes excavation, covering the manholes by concrete 7 cm thickness (50 cm width), with all fitting and necessary work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No. | 3  |
| 8.12 | <b>Galvanized Steel pipe 3":</b> Provision of materials, manpower and equipment to install galvanized steel pipe diameter 3", heavy weight not less than (9 Kg/m. l) for roof drainage including the required fittings, elbow, connecting joints, according to the specification and instruction of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | m.l | 20 |
| 8.13 | <b>Floor drain:</b> Provision of materials, manpower and equipment to install stainless steel floor drain size (15x15) cm, the work includes installing of PVC pipe 4 " from the drain to manholes with excavation works. The work includes back filling, all fitting, Gully Trap, hoses. According to the specification and instruction of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No. | 10 |
| 8.14 | <b>Stainless steel taps:</b> Provision of materials and manpower to install stainless steel taps size 1/2" with all fitting and necessary work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No. | 30 |
| 8.15 | <b>Electricity Water Pump:</b> Provide all the materials, machines, and manpower needed to install Electricity water pump size 2 HP with Automatic Powering instrument. The work includes all necessary fitting and connection with main electricity using cable 2x2.5 mm, installing steel box with lock for the pump. The supplier should provide certificate of origin and quality of all supplied materials according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No. | 1  |

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| 8.16 | <b>Electricity Water Cooler:</b> Provide all the materials, machines, and manpower needed to install Electricity water cooler (80x150x60) cm or equivalent Galvanized metals, two taps. The work includes all necessary fitting and connection with main drinking water network & electricity using cable 2x2.5 mm, and drainage pipe. The supplier should provide certificate of origin and quality of all supplied materials according to IGTS and instructions of supervising Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                      | No. | 2   |
| 9    | <b>External works:</b> Provide materials, labors, equipment, machines, curing and all requirements according to IGTS and instructions of supervising engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |
| 9.1  | <b>Supply and install Counter:</b> Supply materials, labors and equipment to install Aluminum counter size (60 cm width x85 cm Height ) covered from the top by sony marble (3 cm thickness,65 cm width ) with skirting one basin two wings with all accessories, connection with water supply (cold & hot) stainless steel mixture with valves, supply and install Gaz cooker 4-eyes with gas pipe and electricity connection, Electricity exhaust fan good quality above the cooker with tube for discharging gases outside inside the above extension top counter. The price include supply and install extension (Appendix) above Aluminum counter same color and length covered by Glass, furthermore, supply and installing Aluminum doors same color and bench inside each one with locks, hinges and handle, more. All the works should be conducted according to instructions of supervising Engineer. | m.l | 1.8 |
| 9.2  | <b>Garden works:</b> Provision of materials, manpower and equipment to construction of garden including, leveling of the ground, back filling for the places required by clean soil, supply and spreading 20 cm of soft sand (silty materials) suitable for growing plant, the price include making lines of concrete (20x15) cm on the circumference of each part ,According to the specification and instruction of supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m2  | 100 |
| 9.3  | <b>Sign board:</b> Supply materials, provide and installation of sign board size (1.2x0.8x0.15) m using reinforcement plastic and slide glass 6 mm with switch, the price includes covering inside by sponge and colored fabric with all accessories and with all necessary works and according to specifications and instructions of Supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No. | 10  |
| 9.4  | <b>Set above handwash:</b> Supply materials, provide and installation of soap holder, Mirror and stainless steel of clothes holder using chewy and screws for installation with all necessary works and according to specifications and instructions of Supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No. | 4   |
| 10   | <b>Electrical work:</b> Electrical points including provision and installation of all materials and labor, wires 2x2.5 mm2 for powering and 2x1.5 mm2 for lighting, galvanized boxes, switch 15-amp best type. All the works shall be according to British Standards, Drawings and Section 1600 of I.G.T.S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |

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| 1 | <p>Supplying, installing and connecting main electrical board or ATS for the office consisting of the following parts:</p> <p>1- An airtight metal enclosure (ABB, Schneider, Dona) with a door and well secured with dimensions suitable for the board components</p> <p>2- A three-phase MCCB, capacity (100) amps, (2) unit</p> <p>3- A three-phase Contactors, capacity lth=100amps , (2) unit</p> <p>4- Three-phase sub-MCB, capacity (16) amps , (1) unit</p> <p>5- Pure copper suitable power distribution (Bus Bar) including grounding Bus Bar.</p> <p>6- Good quality display for voltage, current and frequency with special transformers (C.T)</p> <p>7- Laser signal lights or indicators .</p> <p>8- control accessories (timers, phase failure, relays ...etc.)</p> <p>The board must made according to the instruction of the supervising electrical engineer, with a suitable steel base for the board at an appropriate height and dyed with a base dye with inspection, operation and all that is necessary to work.</p> <p><b>Note:</b> All board components (sample to be submitted for approval) and must be type assembled by specialist With professional installation with inspection, commissioning .</p> | LS   | 1   |
| 2 | <p>Supplying and installing a secondary distribution board of capacity (12) lines with the main circuit breaker three-phase (63)amp and with circuit breakers of different size of Single Pole MCB and contains two copper rails or connector, one for neutral and the second for ground with all necessary to work , the price include source cable 4*10mm2 (5m)</p> <p><b>Note:</b> All board components (sample to be submitted for approval) and must be type assembled by specialist With professional installation with inspection, commissioning .</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit | 2   |
| 3 | <p>Preparing, installing a metal perforated galvanized cable holder (cable tray) of size (10) cm and thickness (1.5) mm with all its accessories (upper metal cover, the fixing bases and the joints) according to the instructed of the supervising engineer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M.I  | 80  |
| 4 | <p>Supplying, extending and connecting a cable made of pure copper of size (2 x 4) mm<sup>2</sup> standard best quality with all needed accessories from 12-line board to the classrooms and management rooms and according to the instruction of the electrical engineer supervising the work with the test and all that is necessary to work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M.I  | 330 |
| 5 | <p>Supply and install suitable PVC trunk with all needed accessories using to handle and cover wires in ceiling and walls, the price includes buried pipes for new 3 classrooms</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LS   | 1   |
| 6 | <p>Supplying, installing, testing and connecting ceiling fan, best type, the price includes regulator switch and wires using standard quality of (Turkish, Jordanian or Saudi copper wires) (2 x 1.5) mm inside plastic Trank, type and model should be selected according to supervisor engineer instructions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | each | 8   |
| 7 | <p>Supplying, installing, testing and connecting LED lights panels min 18w, operate range is (85-240) v both choke and led, the price includes switches and wires using standard quality of (Turkish, Jordanian or Saudi copper wires) (2 x 1.5) mm inside plastic Trank, type and model should be selected according to supervisor engineer instructions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | each | 10  |
| 8 | <p>Supplying, installing, testing and connecting LED Lamp 220V Fluorescent Light (54w-72) Wall Lamp, operate range is (85-240)v both choke and led ,the price include switches and wires using standard quality of (Turkish, Jordanian or Saudi copper wires)(2 x 1.5) mm inside plastic Trank ,type and model should be selected according to supervisor engineer instructions</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | each | 70  |

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| 9  | Supplying, installing, testing and connecting LED lights outdoor and waterproof min (20w-24w) ,operate range is (85-240)v both choke and led ,the price include wires using standard quality of (Turkish, Jordanian or Saudi copper wires)(2 x 1.5) mm <sup>2</sup> , connecting to 2*4mm <sup>2</sup> cable type and model should be selected according to supervisor engineer instructions                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | each | 16 |
| 10 | Supplying, establishing and connecting an electrical outlet with a (13) amp switch plug, using quality of (Turkish, Jordanian or Saudi copper wires) (3 x 2.5) mm <sup>2</sup> , according to supervisor engineer instructions, operation and all that is necessary to work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | each | 20 |
| 11 | Supplying, installing and connecting an exhaust fan (4 inches) using quality of (Turkish, Jordanian or Saudi copper wires) (2 x 1.5) mm <sup>2</sup> inside a plastic conduit or Trank, the price also includes on/off switches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | each | 8  |
| 12 | Supplying, installing, connecting and operating the split units ( inverter Wall Mounted Split Unit) operating at an outdoor temperature of 50 degrees Celsius without problems, for the type (samples will be submitted for approval) capacity of (1.5) tons of heating and cooling, using quality of (Turkish, Jordanian or Saudi copper wires), (3 x 2.5) mm <sup>2</sup> inside a PVC pipe or Trank .the price include the on/off switch capacity (45) ampere with an indication lamp with the installation of the outdoor unit with plastic dampers floor on iron base with anti- rust paint and greasy dye, and with the establishment of pipes for condensation water and drainage to the nearest point of drainage, with a warranty for the conditioner for a period of 6 year and with all that is required to work the instruction of the supervising engineer | Unit | 2  |
| 1  | All the work items should be done according to IRAQI General Technical Specifications (IGTS) that complies with ACI-Code 2005 applied according to the instructions of the supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |    |
| 2  | All materials must be NEW from best type, approved by supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |    |
| 3  | All construction materials should be tested according to Construction Works Specification by NCCL (1981 edition), and (ASTM) specifications for water supply pipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |    |
| 4  | The contractor Shall provide samples for all materials to be used in the project prior to using them in order to get approval from supervisor Engineer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |    |
| 5  | It is the duty of the contractor to check the designs for accuracy and adequacy, otherwise the Employer take no risk of the contractors failure to accomplish the work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |    |
| 6  | The contractor shall provide all required manpower, transportation, equipment, tools, machinery ...etc. unless otherwise stated below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |    |
| 7  | In case of any difference between BOQ, designs and/or drawings; the instruction of supervisor Engineer will govern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |    |
| 8  | After all works finished the site must be cleaned from all debris and neglected materials must be removed to anywhere defined by municipality.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |    |
| 9  | <p>PREFABRICATED UNITS FOR THE ENGINEER : Constructing or providing caravans (with all necessary items) for Site Engineers' Office, furniture and office equipment, including consumable materials, stationary , internet, maintenance of office and all requirements according to the request of Engineer including the landscape, park areas and etc.</p> <p>Supplying electricity, heating features and water as well as well air-conditioning till the end of Project are also included in the Unit Price.</p>                                                                                                                                                                                                                                                                                                                                                      |      |    |



## Annex D: Detailed Technical Evaluation Criteria

| Mandatory Pre-qualification                                                                                                                 |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Main Criteria                                                                                                                               | Sub-Criteria                            | Specific Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (Yes/NO) |
| Mandatory Pre-qualification                                                                                                                 | Mandatory Site Visit                    | Did the vendor send an engineer to visit the site on the said date and time and sign their company's name on the attendance sheet?? <u>(The Engineer should bring an authorization letter from the company and show their engineering union ID card)</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
|                                                                                                                                             | Mandatory Bid Security                  | Has the bidder submitted a scanned copy of Bid Security of IQD 3,960,000 by "Good for Payment Cheque/Certified Cheque" made out in the name of UNHCR covering the offer's validity (180 days after the closing date of the bid)? It should be a certified cheque (not personal). <u>The cheque should indicate the RFP number and be issued under the company name.</u> The selected company would be required to submit the original cheque.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|                                                                                                                                             | Valid Business Registration Certificate | Is the company registered as <u>a construction/general contracting company</u> in IRAQ (Federal Government or Kurdistan Region)? <u>For a Joint Venture, the companies should submit a legal JV contract endorsed by the government with a statement outlining the duties and responsibilities of each party otherwise, the joint venture will not be accepted.</u><br>1- <u>The Lead company should be registered in Iraq.</u><br>2- <u>Any party from the JV can submit the bid security.</u><br>3- <u>Both parties must be legally registered. Lead company must be registered in IRAQ and fulfill the registration requirement while the secondly company should be registered in Iraq our outside Iraq as a commercial entity.</u><br>4- <u>Lead company must fulfil the tax registration requirement.</u><br><br><u>Any company with an age less than 3 years at the time of the submission will be disqualified.</u> |          |
|                                                                                                                                             | Tax Registration Certificate            | Has the bidder submitted a scanned copy of <b>a valid Tax registration certificate?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
|                                                                                                                                             | Acknowledgment of Annex - O             | Has the bidder submitted a duly signed/stamped <b>Checklist?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| <b>The Bidders must meet all the above mandatory pre-qualification criteria for their proposal to be considered for further evaluation.</b> |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |

| Technical Evaluation                                                                                                                                                                                                                                                                                                           |                                 |                                                                                                  |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|----------|
| Percentage distribution of 60% of the total score of technical evaluation has been allocated to Technical Proposal. Maximum scores are listed in the table below. Failure to achieve a minimum score of <b>36 points</b> out of the 60 points will result in technical non-compliance and elimination from further evaluation. |                                 |                                                                                                  |          |
| Main Criteria                                                                                                                                                                                                                                                                                                                  | Sub-Criteria                    | Specific Requirements                                                                            | Score    |
| General Company Qualification &                                                                                                                                                                                                                                                                                                | Company profile and Capability. | The company has ISO 9001 certification or equivalent recognized certifications. <b>(1 Point)</b> | <b>1</b> |
|                                                                                                                                                                                                                                                                                                                                |                                 | Company age from the registration date (min 3 years). <b>(2 points)</b>                          | <b>2</b> |
|                                                                                                                                                                                                                                                                                                                                |                                 | From 3 to 5 years <b>(1 point)</b><br>More than 5 years <b>(2)</b>                               |          |

|                       |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |   |
|-----------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---|
| experience            |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | points)                            |   |
|                       | Company classification                                                 | The company has a valid electrical/ renewable energy/ general contracting company classification ID issued by the Ministry of Planning (Central Government and/or KRI), classified range between 1-5 classes. (2 Points)                                                                                                                                                                                                                                                                             | Classification from 1-3 (2 Points) | 2 |
|                       |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Classification 4-5 (1 point)       |   |
|                       | Staff qualifications, CVs with min 5 years of experience and Resources | Project Manager (site engineer) with a bachelor's academic degree in civil engineering (minimum of 5 years of experience) with proof of graduation like (Graduation certificate, syndicate ID, Union ID) (3 Points)                                                                                                                                                                                                                                                                                  |                                    | 3 |
|                       |                                                                        | Electrical Engineer (bachelor's degree) with a minimum of 5 years of experience with proof of graduation (Graduation certificate, syndicate ID, Union ID) (2 Points)                                                                                                                                                                                                                                                                                                                                 |                                    | 2 |
|                       |                                                                        | Surveyor (diploma in Surveying) with a minimum of 3 years of experience. (1 Point)                                                                                                                                                                                                                                                                                                                                                                                                                   |                                    | 1 |
|                       | Financial Auditing report                                              | The latest 2 consecutive years, financial audit reports for the years (2020-2021-2022). The audit financial reports (including the Balance Sheet) must be certified by the Iraqi Association of Accountants. Minimum cumulative turnover of USD (60,000) or equivalent to IQD. If the baseline turnover is not demonstrated, the bidder will receive zero points. (3 Points)                                                                                                                         |                                    | 3 |
|                       |                                                                        | Did the vendor submit the latest 2 consecutive years' financial audit reports? Yes                                                                                                                                                                                                                                                                                                                                                                                                                   | (3 Points)                         |   |
|                       |                                                                        | Did the vendor submit the latest 2 consecutive years' financial audit reports? No                                                                                                                                                                                                                                                                                                                                                                                                                    | (0 Points)                         |   |
| Total score 14 points |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |   |
| Relevant Experience s | Proof of relevant experience                                           | Copies of Purchase Orders (POs), contract agreements, or work orders attached with proof of project completion certificate/ performance letter issued by the client (Showing value, time completed, organization or firm for which completed, contact details of the organizations) awarded and served within the past 10 years. The actual copies of POs, contracts, or work orders should relate to similar projects (this includes Electrical infrastructure and renewable energy infrastructure) |                                    | 5 |
|                       |                                                                        | <ul style="list-style-type: none"><li>- 5 (and above) Projects = 5 Points</li><li>- 4 Projects = 4 Points</li><li>- 3 Projects = 3 Points</li><li>- 2 Projects = 2 Points</li><li>- 1 Projects = 1 Point</li><li>- No project = 0 Points</li></ul> <b>Note: The evaluation will not consider a PO or contract with a value below USD 40,000 or equivalent to IQD.</b>                                                                                                                                |                                    |   |
|                       | Past experience with clients                                           | List of similar projects showing (project name, client name, project cost, reference contact (phone No. or email)). UNHCR will conduct a reference check per project to be considered. <ul style="list-style-type: none"><li>- 3 or more different clients (3 Points)</li><li>- 2 different clients (2 Points)</li><li>- 1 client (1 Point)</li><li>- No list (0 Points)</li></ul>                                                                                                                   |                                    | 3 |
| Total score 8 points  |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |   |
| Technical Specificati | Construction & Finishing Materials                                     | Catalogues or Datasheet Confirming that the specification of the below items complies with the BoQ:                                                                                                                                                                                                                                                                                                                                                                                                  |                                    |   |

|                                             |                                                                                                                              |                                                                                                                                                                                                         |                        |   |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---|
| ons of Works                                |                                                                                                                              | Painting (internal & external) (3 Points)                                                                                                                                                               |                        | 3 |
|                                             |                                                                                                                              | Aluminum Windows (3 Points)                                                                                                                                                                             |                        | 3 |
|                                             |                                                                                                                              | Tiles (Mosaic) (2 Points).                                                                                                                                                                              |                        | 2 |
|                                             |                                                                                                                              | False Ceiling (2 point)                                                                                                                                                                                 |                        | 2 |
|                                             |                                                                                                                              |                                                                                                                                                                                                         |                        |   |
|                                             | Sanitation Materials                                                                                                         | Eastern and Western latrines (2 Point)                                                                                                                                                                  |                        | 2 |
|                                             |                                                                                                                              | WATER TANK (1,500 lt) (3 Points)                                                                                                                                                                        |                        | 3 |
|                                             |                                                                                                                              | PVC water Pipes 100mm and 150mm (2 Points)                                                                                                                                                              |                        | 2 |
|                                             |                                                                                                                              | Electricity Water Cooler (3 Points)                                                                                                                                                                     |                        | 3 |
|                                             | Electrical - Renewable Energy Materials                                                                                      | Copper cables and wires (2 X 4mm2) (2 X 1.5mm2) (2 Points)                                                                                                                                              |                        | 2 |
|                                             |                                                                                                                              | Main electrical board (3 Points)                                                                                                                                                                        |                        | 3 |
|                                             |                                                                                                                              | Switch plug (2 Points)                                                                                                                                                                                  |                        | 2 |
| AC split unit (3 Points)                    |                                                                                                                              | 3                                                                                                                                                                                                       |                        |   |
| 30 points (Min. Passing point is 20 Points) |                                                                                                                              |                                                                                                                                                                                                         |                        |   |
| Work Plan & Method of Implementation        | Works plan<br>Detailed and realistic work plan with Work Schedule/ Gantt Chart showing the starting and end of each activity | - Implement realistic timelines as indicated in the Scope of work (150) days.<br>Including a Gantt Chart indicating a detailed sequence of activities. (3 Points).                                      |                        | 3 |
|                                             |                                                                                                                              | - Incomplete Gantt chart, no Gantt Chart or Proposed Gantt chart (more than 30 days) of the indicated duration in (SoW) or Project Schedule not indicating a detailed sequence of activities (0 Point). |                        |   |
|                                             | Method of implementation                                                                                                     | Submission of the minimum equipment list, which should comprise 1 Truck, 1 Grader, 1 Excavator, 1 Pickup, 1 Loader, 1 Compactor, and 1 Concrete Mixture Machine, 1 crane. (2 Points).                   | Full list (2 Points).  | 2 |
|                                             |                                                                                                                              |                                                                                                                                                                                                         | Partial list (1 point) |   |
|                                             |                                                                                                                              | The logistics plan includes access to the site and material delivery with the needed workforce. (1 Point)                                                                                               |                        | 1 |
|                                             |                                                                                                                              | Environmental Impact Assessment Plan. (1 Point)                                                                                                                                                         |                        | 1 |
|                                             |                                                                                                                              | Risk mitigation plan and insurance to ensure all risks are covered (1 Point).                                                                                                                           |                        | 1 |
| Total score 8 points                        |                                                                                                                              |                                                                                                                                                                                                         |                        |   |
| Total Score for Technical Evaluation 60     |                                                                                                                              |                                                                                                                                                                                                         |                        |   |

## **Annex E: Technical Proposal Form**

The Bidder must provide sufficient information in the proposal to demonstrate compliance with the requirement set out in each section of this Request for Proposal. This **PROPOSAL FORM** must be completed, signed, and returned to UNHCR. Proposal must be made in accordance with the instructions contained in this Request for Proposal.

### **TERMS AND CONDITIONS OF CONTRACT**

Any contract resulting from this RFP shall be subject to **Annex G: General conditions of Contracts for the provision of Good and Services (July 2018) & Annex G: UNHCR General Conditions of Contracts for Civil works (October 2000) AND Annex I: UN Suppliers Code of Conduct.**

### **D-1 DECLARATION**

The undersigned, having read the Instruction to Bidder, and the **Annex G: General conditions of Contracts for the provision of Good & Services (July 2018) AND Annex G: UNHCR General Conditions of Contracts for Civil works (October 2000) AND**

**Annex H: UN Suppliers Code of Conduct** as set out in the attached document, hereby offers to supply the services specified in the BOQ at the price or prices quoted in **Annex A: Scope of Work (SOW) & Annex B: Bill of Quantities**.

The undersigned understands that UNHCR reserves the right to accept the whole or part of your bid or allow split or partial awards on this project. It is however important to note that the construction project cannot be split unless the various components are defined by LOT. All other projects are to be awarded on an “all or nothing basis”.

#### **D-2 AWARD AND BANK GUARANTEE:**

The Firm that submitted the successful Proposal will be notified by letter of the award prior to the expiration of the validity period. The letter, referred to as the “Letter of Award” will state the sum of the fees to be paid to the Firm for the services rendered and will indicate the terms under which the Contract must be finalized.

The Contract must be signed within 14 days of the issue of the Letter of Acceptance. The successful bidder will be required to furnish us with 10% Bank Guarantee of the contract sum from a reputable bank in the next 7 days, valid for the entire period of the contract works.

Name of authorized representative: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Supplier Name: \_\_\_\_\_

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

Telephone No.: \_\_\_\_\_

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

#### **D-3 BIDDER GENERAL INFORMATION**

| Bidder General Information                                                            |                                                                             |                                                 |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------|
| Description                                                                           | Information (to be filled by the Bidder)                                    | Remarks                                         |
| <b>Registration Type (Company / Contractor etc.)</b>                                  | Construction or General Contracting Company                                 |                                                 |
| Registration number                                                                   |                                                                             |                                                 |
| If multi location company, specify headquarters location                              |                                                                             |                                                 |
| Grading/Classification if any applicable to the type of registration you company has. | Provide certified copies                                                    |                                                 |
| Number of similar and successfully completed projects;                                | Provide a list and copies of contracts / POs with certificate of completion |                                                 |
| Number of similar projects currently underway;                                        | Provide a list and copies of contracts / POs                                |                                                 |
| Total number of clients previous and current                                          | Provide a list                                                              |                                                 |
| Specialty                                                                             |                                                                             |                                                 |
| Expiry Date of Certifications and/or Grading                                          |                                                                             | <i>Provide certified copies</i>                 |
| <b>Legal Status</b>                                                                   | e.g., Limited Company / Public limited Company etc.                         | <i>Provide certified copies of Registration</i> |
| <b>VAT Registration Number</b>                                                        | (If applicable)                                                             |                                                 |

#### **D-4 STAFF QUALIFICATION AND EXPERIENCE:**

Qualifications and experience of key management and technical personnel proposed for this Project. Signed CVs of all proposed staff must accompany the submission and it should be noted that substitution of staff during Project implementation shall be subject to the approval of UNHCR. A detailed organization chart of the company including the location and staffing of existing offices must also be attached to the offer.

| Construction Project Management Staff |          |      |
|---------------------------------------|----------|------|
| <b>A. Key Professionals</b>           |          |      |
| Name                                  | Position | Task |
|                                       |          |      |
|                                       |          |      |
|                                       |          |      |
|                                       |          |      |
|                                       |          |      |
| <b>B. Support Staff</b>               |          |      |
| Name                                  | Position | Task |
|                                       |          |      |
|                                       |          |      |
|                                       |          |      |
|                                       |          |      |

The CVs of all staff listed above must be provided and a reference to the page number must be made for each staff cv in the technical proposal.

#### D-5 FINANCIAL INFORMATION:

| Annual Turn-over Information (Last Two Years) |                      |         |
|-----------------------------------------------|----------------------|---------|
| Year                                          | Turn-over in USD/IQD | Remarks |
| 2020                                          |                      |         |
| 2021                                          |                      |         |
| 2022                                          |                      |         |

#### D-6 Financial Statement Analysis

| S No.                             | Description of Financial Info. | Value | Reference Page No. Tec Proposal |
|-----------------------------------|--------------------------------|-------|---------------------------------|
| <b>Current Ration</b>             |                                |       |                                 |
| 1                                 | Current assets                 |       |                                 |
| 2                                 | Current liabilities            |       |                                 |
| <b>Debt Ratio as a Percentage</b> |                                |       |                                 |
| 3                                 | Total Debt                     |       |                                 |
| 4                                 | Total Assets                   |       |                                 |

#### D-7 WORKS IN HAND (Ongoing Projects)

| Works in Hand                   |                               |            |          |        |
|---------------------------------|-------------------------------|------------|----------|--------|
| Employer name & contact details | Description of Works/Services | Start date | End date | Amount |
|                                 |                               |            |          |        |
|                                 |                               |            |          |        |
|                                 |                               |            |          |        |
|                                 |                               |            |          |        |

|               |  |  |  |  |
|---------------|--|--|--|--|
|               |  |  |  |  |
| Total USD/IQD |  |  |  |  |

Make a reference to page number in your technical proposal for the corresponding documents (1. Contract / PO 2. Date of Project Site Handover. All documents must be provided in your technical proposal.

#### D-8 CONSTRUCTION EXPERIENCE IN LAST FIVE YEARS

| Construction Experience in last ten years |                                 |                               |        |  |
|-------------------------------------------|---------------------------------|-------------------------------|--------|--|
| Year                                      | Employer name & contact details | Description of Works/Services | Amount |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
|                                           |                                 |                               |        |  |
| Total USD/IQD:                            |                                 |                               |        |  |

Make a reference to page number in your technical proposal for the corresponding documents (1. Contract / PO 2. Date of Project Site Handover 3. Substantial Completion Certificate) All documents must be provided in your technical proposal.

#### D-9 INFORMATION ON ANY CURRENT LITIGATION IN WHICH THE FIRM(S) IS INVOLVED.

| Other Party(ies) | Cause of Dispute | Amount Involved |
|------------------|------------------|-----------------|
|                  |                  |                 |
|                  |                  |                 |
|                  |                  |                 |
|                  |                  |                 |

#### D-10 PROPOSED WORK PLAN AND SCHEDULE OF ACTIVITIES

The proposed work plan and schedule of activities must be submitted with this Proposal. The work plan and schedule should be prepared in detail to the extent possible and include time allocated.

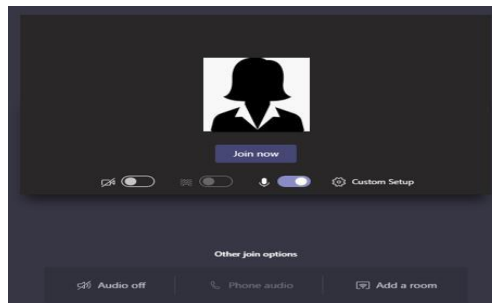
A proposed timeline in a Gantt / Bar chart format must be part of this Proposal. It should start with establishing Minimum Requirements till the Issuance of the Substantial Completion Certificate.

### Annex K

# Join a meeting without a Teams account



1. Go to the meeting invite and select **Join Microsoft Teams Meeting**.
2. That'll open a webpage, where you'll see two choices: **Download the Windows app** and **Join on the web instead**. If you join on the web, you can use either Microsoft Edge or Google Chrome. Your browser may ask if it's OK for Teams to use your mic and camera. Be sure to allow it so you'll be seen and heard in your meeting.
3. Enter your name and choose your audio and video settings. If the meeting room (or another device that's connected to the meeting) is nearby, choose **Audio off** to avoid disrupting. Select **Phone audio** if you want to listen to the meeting on your mobile phone.
4. When you're ready, hit **Join now**.
5. This will bring you into the **lobby**. We'll notify the meeting organizer that you're there, and someone in the meeting can then admit you.



### ANNEX M: TENTATIVE CALENDAR OF ACTIVITIES:

| Calendar of Activities |                                                                         |            |            |
|------------------------|-------------------------------------------------------------------------|------------|------------|
| S/No:                  | Action Description                                                      | Date       |            |
|                        |                                                                         | From       | To         |
| 1                      | Tender available to vendors ( <i>Tender opening and closing dates</i> ) | 18/10/2023 | 07/11/2023 |
| 2                      | Closing date for Queries                                                | 26/10/2023 | 26/10/2023 |
| 3                      | Site Visit ( <i>if applicable</i> )                                     | 25/10/2023 | 25/10/2023 |
| 4                      | Pre-bid conference Meeting                                              | 26/10/2023 | 26/10/2023 |
| 5                      | Tender Closing date                                                     | 07/11/2023 | 07/11/2023 |
| 6                      | Bid opening Date                                                        | 08/11/2023 | 08/11/2023 |
| 7                      | Technical Evaluation                                                    | 09/11/2023 | 15/11/2023 |
| 8                      | Financial Evaluation                                                    | 16/11/2023 | 20/11/2023 |
| 9                      | Approval of Contract                                                    | 21/11/2023 | 30/11/2023 |

### ANNEX N: BID DATA SHEET

THE FOLLOWING SPECIFIC DATA FOR THE SERVICES TO BE PROCURED SHALL COMPLEMENT, SUPPLEMENT OR AMEND THE PROVISION IN THE INSTRUCTIONS TO BIDDERS. WHENEVER THERE IS A CONFLICT, THE PROVISION HEREIN SHALL PREVAIL.

|                                                      |                                                                                                                                                                                                                                                                    |                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>DEADLINE FOR SUBMISSION OF BIDS</b>               | <b>07/11/2023 at 23:59 HRS Iraq Local Time</b>                                                                                                                                                                                                                     |                                                                                                                    |
| <b>SUBMISSION OF BIDS:</b>                           | Please submit your proposal through an online eTenderBox Tool, which can be accessed at <a href="http://etenderbox.unhcr.org">http://etenderbox.unhcr.org</a>                                                                                                      | Rehabilitation and Expansion of Niwar and Rojhalat Schools in Sumel urban, Sumel district, Duhok Governorate, Iraq |
| <b>LATE SUBMISSION OF OFFERS:</b>                    | OFFERS SHOULD BE SUBMITTED IN GOOD TIME TO BE RECEIVED BY CLOSING DATE AND TIME.<br><br><b>IMPORTANT NOTE:</b> BIDS RECEIVED AFTER THE DEADLINE FOR SUBMISSION OF BIDS AND BIDS TRANSMITTED IN ANY OTHER MANNER THAN THOSE INDICATED ABOVE WILL NOT BE CONSIDERED. |                                                                                                                    |
| <b>BID VALIDITY PERIOD:</b>                          | <b>180 DAYS</b>                                                                                                                                                                                                                                                    |                                                                                                                    |
| <b>PRICE VALIDITY PERIOD:</b>                        | <b>Entire Period of the Project Duration</b>                                                                                                                                                                                                                       |                                                                                                                    |
| <b>DEFECT LIABILITY:</b>                             | <b>A MINIMUM OF 6 MONTH DEFECT LIABILITY APPLY</b>                                                                                                                                                                                                                 |                                                                                                                    |
| <b>TERMS OF REFERENCE:</b>                           | ALTERNATIVES TERMS OF REFERENCE SHALL NOT BE CONSIDERED                                                                                                                                                                                                            |                                                                                                                    |
| <b>DELIVERY SCHEDULE:</b>                            | SET UP TIME: IN DAYS: <b>150</b><br>DELIVERY TIME: IN DAYS: <b>150</b>                                                                                                                                                                                             |                                                                                                                    |
| <b>RETENTION MONEY:</b>                              | Please note that a 10% of the total contract value will be kept as retention money for period of Six Months from the completion and handover of the site against defects and liabilities.                                                                          |                                                                                                                    |
| <b>RELEASE OF PERFORMANCE BOND OR BANK GUARANTEE</b> | The performance bond or bank guarantee will be released upon the 100% completion of the works and upon the issuance of Substantial Completion of Works Certification by the UNHCR Project Manager/Engineer.                                                        |                                                                                                                    |
| <b>LIQUIDATED DAMAGES</b>                            | The resulting contract from this tendering exercise <b>MAY BE</b> subject to the application of liquidated damages at the sole discretion of UNHCR and if deemed necessary. In accordance with article 2.11 of the tender document.                                |                                                                                                                    |
| <b>SUBCONTRACTING</b>                                | UNHCR WILL HAVE TO APPROVE ANY SUBCONTRACTOR THAT THE CONTRACTOR INTENDS                                                                                                                                                                                           |                                                                                                                    |



|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | TO USE FOR THE EXECUTION.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>LANGUAGE OF THE BID:</b>                 | ENGLISH                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>REQUESTS FOR ADDITIONAL INFORMATION:</b> | <p>BIDDERS ARE REQUIRED TO SUBMIT ALL THEIR QUERIES IN RESPECT OF THIS REQUEST FOR PROPOSAL TO BID BY E-MAIL TO: <a href="mailto:IRQDUTND@unhcr.org">IRQDUTND@unhcr.org</a>, CC: <a href="mailto:SAADIS@unhcr.org">SAADIS@unhcr.org</a> BEFORE 23:59 <b>HRS Iraq Local Time on 26/10/2023. (CUT-OFF DATE FOR QUERIES)</b>.</p> <p>UNCHR MAY, AT ITS DISCRETION, COPY ANY REPLY TO A PARTICULAR QUESTION TO ALL OTHER INVITED / PARTICIPATING BIDDERS.</p> |
| <b>BID EVALUATION CRITERIA:</b>             | BIDS WILL BE EVALUATED BASED ON THE TECHNICAL EVALUATION CRITERIA prescribed in article <b><u>"2.5.2 Technical and Financial evaluation"</u></b>                                                                                                                                                                                                                                                                                                          |

**ANNEX O: SUBMISSION CHECKLIST**

| Submission Checklist |                                                                                                        |        |
|----------------------|--------------------------------------------------------------------------------------------------------|--------|
| S No                 | Description                                                                                            | Status |
| 1                    | I have read and understood the RFP and all its annexes                                                 |        |
| 2                    | Annex A: Scope of Work                                                                                 |        |
| 3                    | Annex B: Bill of Quantities                                                                            |        |
| 4                    | Annex C: Design and Structure                                                                          |        |
| 5                    | Annex D: Detailed Technical Evaluation Criteria                                                        |        |
| 6                    | Annex E: Technical Proposal                                                                            |        |
| 7                    | Annex F: Vender Registration Form                                                                      |        |
| 8                    | Annex G: UNHCR General Conditions of Contracts for the Provision of Mixed Goods and Services-July 2018 |        |
| 9                    | Annex HUNHCR General Conditions of Contracts for Civil Works-2000                                      |        |
| 10                   | Annex I: UN Supplier Code of Conduct                                                                   |        |
| 11                   | Annex J: e-Tender Box Supplier User Manual                                                             |        |
| 12                   | Annex K: How to Joint Microsoft Team without account                                                   |        |
| 13                   | Annex L: Financial Offer                                                                               |        |
| 14                   | Annex M: Tentative calendar of activities                                                              |        |
| 15                   | Annex N: Bid Data Sheet                                                                                |        |
| 16                   | Annex O: Submission Checklist                                                                          |        |

Name of authorized representative: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Supplier Name: \_\_\_\_\_

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

Telephone No.: \_\_\_\_\_

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

Company's Stamp: \_\_\_\_\_