

DATE: 30/08/2023

**REQUEST FOR PROPOSAL: HCR/IRQ/COE/2023/RFP-067
FOR****Construction of New Primary Health Care Center (PHCC) Type (B) in Qushtapa Sub-district /Erbil****CLOSING DATE AND TIME: - 23:59 HRS IRAQ Local Time on 20/09/2023**

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>.

1. REQUIREMENTS

The Office of the United Nations High Commissioner for Refugees (UNHCR), Iraq Operations, invites qualified construction firms to make a firm offer for **Construction of New Primary Health Care Center (PHCC) type (B) in Qushtapa Sub-District in Erbil, Iraq** for UNHCR Iraq Operation.

IMPORTANT: Bill of Quantities (BOQs) and Scope of the Work (SoW) are detailed in Annex (A & B) of this document.

2. BIDDING INFORMATION**2.1 RFP DOCUMENTS**

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

Annex A: Scope of Work (SOW)
Annex B: Bill of Quantity
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 Goods 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 an account.
Annex L: Financial Offer Form
Annex M: Tentative calendar of activities
Annex N: Bid Data Sheet
Annex O: Submission Checklist (Duly signed and stamped)

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 IRQERPROC@unhcr.org CC: omerr@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 IRQERPROC@unhcr.org CC: omerr@unhcr.org The deadline for receipt of questions is **23:59 HRS IRAQ Local Time on 11/09/2023**. 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/CEO/2023/RFP-067 – 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 **MANDATORY** to inspect the construction site before submitting their offer. The contractors are required to send an email with details of their Technical Staff for booking an appointment for the visit to the email address: IRQERPROC@unhcr.org CC: omerr@unhcr.org before **07/09/2023**. The dates of the site visit on **07/09/2023 start from 10:30 a.m. to 11:30 a.m.** (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 bidders.

Site Visit Location & Coordinates:

Venue: Erbil, Qushatpa Sub-district, behind Qushtapa school near Qushtapa Refugee camp.

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 **10/09/2023 at 14:00 hrs**. A maximum of ONE representative (Technical Staff) 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 IRQERPROC@unhcr.org CC: omerr@unhcr.org before **10/09/2023** 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: UHCR 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 the Construction of new Primary Health Care Center (PHCC) in Qushtapa sub-district 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 **five (5)** years from the date of registration / incorporation.
- b. Your technical offer should contain your acknowledgement of the following applicable conditions either by signing the below documents or acceptance of the following in writing on its letterhead as part of your technical:
- (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)**
 - (i) **Annex I: UN 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 **USD 7,000** in the form of a Bank Guarantee or 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.

- e. List of Equipment owned by the firm to be mobilized for the execution of works described in **Annex (A & B): Bill of Quantities & Scope of Work (SOW)**
- f. Frame-time for completion of the project including the main project milestones; Work Schedules; Gantt charts. Submission of a detailed and realistic work plan with +10% of the proposed duration of **180 Days**.
- g. Past 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 of more than USD50,000, contract agreements, or work orders for **Construction, Rehabilitation, Renovation and Sanitation Projects**, with proof of project completion in the **past ten (10) years**
- i. Project assumptions and constraints based on your understanding of the project;
- 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 70,000.00**.
- 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.
- 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) and 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 with the requirements stated 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))**. 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 United States Dollars (USD). 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 & B: Bill of Quantities & Scope of Work (SOW) 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**.

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 attendant should show any proof that he/she is an engineer).</u>
Mandatory bid security of USD 7,000 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). 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.
Valid Registration Documents / Certificate / Incorporation in the field of Construction / General Contracting registered in Iraq with Federal Government or Kurdistan Region of Iraq) Company Age Not less than five (5) years from the date of registration/incorporation.
Has the bidder submitted valid tax registration certificate.
Has the bidder submitted duly signed/stamped Checklist (Annex – O)
Scoring Criteria
General Company Qualification & Experience (0-14 Points)
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)
Total Marks (60)

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%** of 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 [US\$ lowest] \ [US\$ 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.

2.6 SUBMISSION OF BID:

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: **20/09/2023 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 and 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 the 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 in to 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.

2.8 CURRENCY AND PAYMENT TERMS FOR PURCHASE ORDERS

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 to 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 USD. Payment will be as follows:

- a) **1st Payment (50%)** of contract value after completing **55% of the Scope of the work.**
- b) **2nd Payment (40%)** of contract value after completing **100% of the Scope of the work.**
- c) **Payment Retention: 10%** of the total project amount will be withheld from the Final Payment as a Retention Amount for a period of Defect Liability Period of **Six (6) Months** after the completion of the project.

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

Please note that the **(Annex H) UNHCR General Conditions of Contracts for Civil works (October 2000)** 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.

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

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.

2.11 UN SUPPLIER'S CODE OF CONDUCT

Please note that the **Annex I: UN Supplier's Code of conduct** 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.

2.12 Liquidated Damages

- 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, IRAQ

Annex A: Scope of Work (SOW)

Construction of New Primary Health Care Center (PHCC) Type (B) in Qushtapa Sub-district /Erbil

The work includes the following:

A) Earth Works:

- Site Preparation According to Section 200 of I.G.T.S. and instructions from the site engineer. Remove debris, grading, leveling to the appropriate level (+15cm to -15cm), clearance and layout, and demolition of all existing materials.
- Excavation in all types of soils (even rock layers, asphalt, or existing foundation concretes), including backfilling with sub-base material and compaction.
- Supplying materials and filling with approved screened sub-base materials type B maximum size is 2" up to the DPC level for the building and where required within the area inside or outside of the fence such as aprons, walkways, garden, etc. with compaction.

B) Concrete works:

- Lean Concrete: Supply materials and cast plain concrete class (C10) 1:3:6 10cm (min. thickness) for columns footing and wall footings. The price includes laying two layers of thick nylon.
- Reinforced Concrete for foundation: Provide all materials and cast reinforced concrete (compressive strength of concrete cubes 32 Mpa) for foundations and column footings.
- Tie Beams Reinforced Concrete: Provide all materials and cast reinforced concrete (compressive strength of concrete cubes 32 Mpa) for the Tie Beams, according to drawings, specifications, and instructions of the site engineer.
- Columns Reinforced Concrete: Provide all materials and cast reinforced concrete for the fair-faced columns and pedestal (compressive strength of concrete cubes 35 Mpa).
- Slab and Beams and Lintle Reinforced Concrete: Provide all materials and cast reinforced concrete (compressive strength of concrete cubes 32 Mpa) for the slabs, Beams, fair-faced stairs, lintels, and windows decorating.
- Floor concrete: Supply materials, equipment, and skilled labor for casting plain concrete 12 cm thickness with Compressive strength of 28 days 210 kg/cm² (1:2:4) above 10cm thick compacted crush gravel; the work includes grading and leveling smoothing the surface with a handheld vibrator or use a vibratory screed of the foundation under the tiles and shtiger.
- Roof Treatment: Supply materials, equipment, and skilled labor for coating the surface with ceiling insulation material of the best quality (UV resistant) using (Perlite) at a rate of 3 cm.
- Plain Concrete (15cm thick): Providing materials and casting plain concrete Compressive strength of 28 days 210 kg/cm² (1:2:4) (Smooth surface using concrete surface screed vibratory machine and copter instrument) for the parking area and external yard thickness of 15cm thickness above 20cm thick compacted crush gravel, with using reinforcing steel bars 10mm Dia.
- Concrete for Walkway and Aprons: Providing materials and skilled labors for excavating the foundations of the external walkways with dimensions of 40 x 30 cm, casting with ordinary concrete 20 cm thick, building with solid blocks (15 x 20 x 40) cm with cement and sand mortar according to the level, backfilling with well-compacted subbase and good leveling, then casting with ordinary concrete 12 cm thick using a steel pipe for shuttering, with cement plastering on the outside, according to the instructions of the supervising engineer.

C) Masonry works:

- Clay Bricks works(Above DPC): Supplying materials & construction of walls with non-load bearing clay bricks (20 X 20 X 40 cm) weight not less than (9Kg), with cement mortar(1: 3) for above D.P.C level.
- Hollow Concrete Block Works: Supply material & construction of walls with hollow concrete blocks 12X20X40cm with cement and sand mortar(1: 3) for the WC partitions according to details.
- Suspended MDF Countertops: Supply materials and install suspended counters made of 18mm Melamine Faced MDF – White Matt Smooth sections of the best types available in the market, and strengthen the required places according to the plans and instructiosn of the supervising engineer.
- MDF Countertops: Supply materials and install counters made of 18mm Melamine Faced MDF – White Matt Smooth sections of the best types available in the market.
- MDF Nurse Station: Supply materials and make special stands (platform) for nurses' rooms (Nurse Station), reception, and control rooms with a height of 90 cm containing drawers and all needed.

D) Electrical works:

- Supply, install and test LED (18) Watt lighting points with all the required uses (single wires 1.5mm²). The light switch plug should be (best quality) each (2-3) lamp controlled by one switch.
- Supply, install and test lighting points LED 18Watt (outdoor) IP 65 with all required using (single wires 1.5mm² with a suitable cable tray or cable conduit).
- Supply materials, install, connect, and test electrical LED lights (60x60cm) (72 W) with all annexed parts using (2x1.5)mm² wires inside false ceiling (daylight type) with switch on/off all (2-3) lamp controlled by one button.
- Supply, install and test socket 13 Amp. (Best Quality) (samples required for final approval) using (wires 3x2.5mm² (GC, GCCl, Hidayatm FTM, Edison) or equivalent).
- Supply, install and test FDB Circuit breaker, 24 lines (Best Quality), with various circuit breakers (10-30) with 100A primary circuit, MCCB 63A (Schneider, Legrand) or equivalent.
- Supply, install and test an electric Ceiling Fan (60x60) (Panasonic, Philips, Toshiba) or equivalent (if the mentioned brands are unavailable) with the regulator.
- Supply, install and test industrial Exhaust Fan size(6") (Japanese, Malaysian Quality, or equivalents.)mounted to the walls inside a wooden frame.
- Supply, install and test industrial Exhaust Fan size(12") (Japanese, Malaysian Quality, or equivalents.)mounted to the walls inside a wooden frame.
- Supply and install and test split points using copper cable 4x6mm² inside PVC pipe with electric switch 45 Amp best type.
- Supply and install lightning arrestor ESE- sat (Aktif partner)(750) installed on the roof.
- Supply material and Do Earthing protection system for electric devices by using three copper rods 1m inside three ground holes.
- Supply, install, and test copper cable 4 X 25mm² to connect the main board with the transformer.
- Supply, install and test copper cable 4 X 16mm² to connect the distribution boards with the main board.
- Supply, install and test copper cable (25+(50X4))mm² best quality double PVC layer type.
- Supply and install active continuous glazed solar panel unit thermosyphon type with 300 Liters production storage capacity (without circulation pump) for hot water supply.
- Provide installation connecting and test a main electrical board.
- Electrical Water Pump: Supply and install an electrical water pump HP=1.5.
- Supplying, installing, testing, and operating an automatic early warning system against fire with (Smoke detector, A signal lamp attached to each sensor and installed above the outer door of the room, medium power alarm bells, push bell placed inside an iron box with a breakable glass front tied, control panel for sensors consists of 4 zones, and nickel-cadmium (DC) battery system with a 24/220-volt transformer).

E) Transformer 100 KVA:

- Provide and install an electrical transformer (indoor) with all the accessories and specifications according to the BoQ and the standard of the Directorate of Electricity; the price includes the construction of the transformer room according to the layout and the instruction of the site engineer.

F) Water and Sanitation works:

- Wash Basin: Providing ceramic wash basin (wall mounted type) with mixer (Best Type).
- Eastern W.C: Providing materials and fixing Eastern W.C Ceramic (Best Type, approved sample).
- Western W.C/Wall Hung/Mounted Toilet with the in-wall tank.
- Water Tank (2 m³): Supply and install a new UV-resistant HDPE vertical two m³ capacity water tank.
- Composite PPR Water Pipes (20mm): Supply and install water pipes of OD 20 mm, PN 16.
- Composite PPR Water Pipes(25mm): Supply and install water pipes of OD 25 mm, PN 16.
- PPR Water Pipes(32mm): Connect the building with the main source of water using an ordinary PPR pipe of 32 mm OD & PN20.
- PVC Pipes (4") diameter: Supply and install (4")dia. PVC pipes best/approved type, with a 4.20 mm wall thickness with all necessary materials and fittings.
- PVC Pipes (6") diameter: Supply and install (6")dia. PVC pipes best/approved type, with a 4.20 mm wall thickness with all necessary materials and fittings.
- Galvanize Pipe(2"): Provide materials and installation of 2-inch diameter galvanized pipes with accessories.
- Taps 1/2": Provide materials and installation of chrome taps.
- Taps 3/4": Provide materials and installation of chrome taps.
- Floor drain (PVC) 4"dia.: Provision of materials and erection of 4" dia. Floor drain and with gully trap 4" dia.
- Rain Drain Pipe: Provide materials and fix galvanized iron pipes 4"dia. For rainwater vertical draining from the roof with all fittings and accessories.
- Concrete manholes: Supply materials and construction manholes of different depths.
- Construction of reinforced concrete Septic tanks, internal dimension(4*2*2)m.

- Provide materials and drill/build cesspools 1.1 m outer diameter for septic tank effluent infiltration according to the specifications in the BoQ.

G) Finishing Works

- Providing materials and plastering with cement sand mortar 1:3 three layers according to the specifications in the BoQ.
- Supplying materials and plastering with gypsum (using the best type of gypsum approved by site engineer) in 2 layers minimum thickness 15mm according to the specifications in the BoQ.
- Porcelain Floor Tiles Works Supply materials and paving Porcelain Floor Tiles (60x60)cm, 10mm thickness best type.
- Ceramic Floor Tile Works: Supply materials and paving Ceramic Floor Tiles (30x30)cm, 8mm thickness best type.
- Porcelain Wall Tiles Works: supply materials and erection of wall porcelain tiles (60x30)cm, 10mm thick (as sample approved) using the best type.
- Supply materials and skirting using Spanish ceramic tiles (10)cm height and cement mortar 1:3, in rooms corridors and main hall entrance according to the drawings and instructions of the site engineer.
- Concrete Floor Tiles Works: Supply materials and paving colored concrete Floor Tiles (30x30)cm, 20mm thickness best type.
- Acrylic Internal Paint: Provide materials and Painting with Acrylic painting (painting and color approved by the site engineer) in three layers for the rooms and corridors (inside the building) indicated by the site engineer.
- External Painting(silicone): Provide materials and Painting with External painting (Weather proof) three layers (for exterior walls).
- Gypsum False Ceiling: Provide materials and fix gypsum false ceiling 60*60cm for the Administration part and Hall or the places indicated by the site engineer.
- Plastic False Ceiling: Provide materials and fix the Plastic false ceiling 60*60cm for the places indicated by the site engineer.
- Gypsum Panel: Provide materials and fix a gypsum panel with 7cm height for the corridors and under the false ceiling or the places indicated by the site engineer.
- Screened Loam for Garden: Provide material and lay a layer of approved screened Loam 30 cm thick for the garden.
- Marble Windows Frame: Provide materials and cover the windows and entrance doors frame (four sides) with marble 2 cm thick (best type), width 30cm.
- X-Ray Room Insulation: Provide and install lead metal (3mm) thickness 36 kg/m³ to cover the x-ray room walls making an overlap of 2cm with all accessories.
- X-Ray metal-glass Window: Supply and install lead metal-glass window (80cmx80cm) for the x-ray control room with all accessories.

H) Doors and Windows:

- Glass Door (D1): Provide and install a glass door for the main entrance, with two wings and a 2-way open using (Tempered glass 12mm) glass with all the required accessories (aluminum frame, locks, skka, hing, etc.) (Best Quality).
- Aluminum Glass Doors Works (D2, W2): Supply material and install Aluminum door with two windows, 2mm thickness double plate, the best type.
- Decorative Wooden Composite Doors (D3): Providing and installing standard decorative high-quality Composite wooden doors HDF (white oak Canadian wood) Laminated thermoformed sheet water and the fire-resistant colored well-known origin and brand (Best Quality).
- X-Ray Room Door (D4, D5, D6): Provide materials & install a door #1(1.5 x 2.1)m, #1(1x2.1)m, and #2 (0.75x2.1)m made of Finnish wood for the x-ray halls (lined with lead, 3 mm thick), pressed against the Malaysian sheet 4 mm, according to the details on both sides, and the sides are made of teak wood, and the price includes all that is required.
- Aluminum Glass Doors Works (D7): Supply material and install Aluminum doors 2mm thickness double plate, the best type.
- Aluminum Glass Doors Works (D8): Supply material and install Aluminum doors 2mm thickness double plate, the best type.
- Steel Guard Bars: Provide and install metal guard bars windows using iron angle (4x4)cm 2mm thickness with 1cm square steel bar all the required works.
- Aluminum Windows: Supply material and install Aluminum windows wide section best Turkish type 2mm thickness. Fixing 1.5x1.5 inch 3mm thickness pipes frame to the wall, Double glass pan (6mm+9mm+4mm) thickness, ordinary or mushajar, rubber, handle, fly wire mesh for opening Areas.
- Metal handrail works for the walkways and walls: Provide materials & install handrails on both sides of the entrance (walkway) with 90 cm Hight, using 2" pipe for the frame and 1" for internal.
- Sign board: Supply and install an Aluminum sign board (3mX1.5m) 3mm thick, with a steel angle frame (1.25x1.25) inch (3mm) thickness, with one layer of anti-rust paint and two layers of approved color oil paint.
- Steel ladder: Providing materials and fixing steel ladder using square pipe 2.5" for the edge and 2"(thickness 1.5 mm) for the interior.

- Wall Protection: Providing materials and fixing a 20cm width plastic panel with an aluminum base frame fixed to the wall with screwing.
- Room Address plate: Supply materials and equipment to print the room address on an aluminum plate (30x15)cm and fix the allocated room's wall.

J) EXTERNAL WORKS:

- Excavation in all types of soils(rock, asphalt, concrete), including backfilling and compaction according to the requirement of section (3) of I.G.T.S. for the foundation.
- Supply material and laying crushed stone 10 cm thickness with very good compaction for foundations.
- Supply materials, equipment, and skilled laborers for casting plain concrete for the foundation.
- Foundation Concrete: Supply materials and cast plain concrete 20cm thick, class 1:2:4, for the wall to the required elevations.
-
- Supply material & construction of walls with solid concrete blocks 15X20X40cm with cement, sand mortar(1: 3) for the walkways: aprons, fence.
- Supply material & construction of walls with Hollow concrete blocks (20X20X40)cm with cement mortar(1: 3) according to details.
- Supply materials and plastering with cement mortar 1:3 two layers (kafmal, saf) thickness 20 mm. Min.
- Provide materials and Painting with External painting (Weatherproof Juton or equivalents high-quality painting and color approved by the site engineer) in three layers.
- Main Metal Door: Provide and install metal slide door dimensions (2.1mX4m)according to the drawings with two face plates (1.25 mm) for the main gate using 3"x3" square steel pipe 6mm thick, primer + two layers oil paint of all ironmonger as required, switch, metal frames, and decoration.
- Metal Door: Provide and install metal door dimensions (2.1mX1.5m)according to the drawings with two face plates (gage 18) for the main gate using 3"x3" square steel pipe 6mm thick, primer + two layers of oil paint of all ironmonger as required, switch, metal frames, and decoration.

Important Note:

- UNHCR engineers or a Third Party will inspect the material quality and workmanship. The work must be within engineering specifications/standards and time limits.
- The contractor is responsible for preparing a detailed shop drawing before starting the constitution and building drawings after construction.
- UNHCR will provide monitoring forms to the contractor, and the contractor is responsible for filling these forms.
- The daily works will be overseen by a UNHCR engineer, partners, or third-party onsite daily.
- Daily and Weekly reports by the contractor will be prepared and submitted to the supervising engineers for endorsement.
- Detailed description and specifications are determined in the attached BOQ as Annex-B.
- The contractor must complete all works as per the Drawings, Bill of Quantities, and Technical Specifications within 180 days of signing the contract agreement and hand it over to the construction site.
- Safe removal and disposal of used or leftover material from the site to the location identified by the UNHCR Engineer will be the contractor's responsibility.

Schedule of Requirement

No	Detail of Works to be Carried Out	Description/ Specifications of Goods/Services	Related Services	Contract Duration (Calendar days)
1	Construction of New PHCC Type (B) in Qushtapa Sub-district /Erbil	As per BOQ	As per BOQ	545 Days (180 days for implementation + 365 days for defect liability)
	• Further to the Schedule of Requirements in the preceding table, bidders are requested to take note that the project will be implemented according to the provision of IRAQI General Technical Specifications (IGTS), Instructions of the supervisor Engineer, UNHCR General Conditions of Contracts for Civil Works and UNHCR General Conditions for the Provision of Mixed Goods and Services. • Other specific instructions are annexed in the Bill of Quantity (BOQ).			

Annex B: Bill of Quantities

Construction of Primary Health Care Center Type-B in Qushtapa Sub-District, Erbil Governorate, Iraq

Estimated BoQ for Construction of PHC (Type-B) in Qushtapa Sub-District / Erbil			
#	Item Description	Unit	Qty
A	Earth Work:		
A1	Site preparation with area of around 2500 m2: Provide all the required machines to clean the site Removal of debris not less than 20cm, grading, leveling to the appropriate level (+15cm to -15cm), clearance and layout and demolition of all existing materials such as (concrete, foundations, asphalt, and even rock layers) and transporting resulting materials (Debris) to an appropriate location outside municipalities border and approved by the site engineer, also removing and transport and reinstall and establish water network pipes and electrical networks and poles considering extra materials if needed, the price includes opening access road according to the work requirements and fixing proper center lines in two directions and benchmarks according to the specifications, attached drawing, and instructions of the site engineer. The works should be done according to section (2) of I.G.T.S, and any depth of cutting or Removing of Debris required for all the areas must be according to drawings and instructions of the site engineer. The price includes providing and fixing two signboards for the site. The signboard should remain on-site till the end of the works and approval of the project handover, then be removed in addition to fixing and setting out of B.M. control points. The leveling of the site is according to the assigned design elevation. Note: The contractor should Supply all materials and construct a well-equipped office (4 X 5)m with all the required (office furniture, laptop, Security camera to monitor the site remotely, scanner, color printer, W.C) for the site engineer before starting the work.	L.S.	1
A2	Excavation works: Excavation in all types of soils (even rock layers, asphalt, or existing foundation concretes) for the column foundation (around 1.5 m depth/each) according to the layout. The price includes backfilling the column foundation till the required level with sub-base material and compaction; the price includes compaction of the excavation base by using a compactor according to requirements of section 300 of I.G.T.S. and instruction of site engineer.	M ³	400
A3	Backfilling works: Supplying materials and filling with approved screened sub-base materials type A maximum size is 2" up to the DPC level for the building and where required within the area inside or outside of the fence such as aprons, walkways, garden, etc., with compaction (according to the specification) in layers 25 cm thickness, the compaction for garage and play yard must be not less than 95% MDD, and using anti termite chemical (cloredidin) to prevent and treat the white termite according to the instructions of the manufacturer and site engineer with all necessary works for the final two layers.	M ³	1,200
SUB TOTAL A			
B	CONCRETE WORKS: Including supply of materials (steel reinforcement, connection steel wires, cement, aggregate, water, sand, plastic cover for fixing the steel reinforcement in the proper level, bolts, nuts, washers, G. I. pipes, cutter machines, binder machine, etc.), All casting works must be done with a vibrator and all necessary works, according to the section (600) of I.G.T.S, drawings, and instructions of the site engineer. Note: 1- Use new plywood for all wooden form support, with Adjustable Steel Scaffolding Props and Formwork Jack Support. 2- Fy = 276 Mpa for 10mm,12mm steel bars. FY=414Mpa for 16mm,20mm, and 25mm steel bars3. Allowable bearing capacity of soil = 100 KN / m2 (assumed). 4. the reinforcement details should be according to ACI detailing manual 2004. 5. New Plywood or standard formworks must be used for all structural parts.		
B1	Lean Concrete: Supply materials and cast plain concrete class (C10) 1:3:6 10cm (min. thickness) for under columns footing, wall footings, retaining wall, and foundation of a water tank stand to the required elevations and laying two layers of thick nylon. (The nylon should also cover the sides of excavation walls and extend on land for 50cm to both sides of excavation).	² M	160
B2	Reinforced Concrete for Foundation and Footing: Provide all materials and cast reinforced concrete (compressive strength of concrete cubes 32 Mpa) for foundations, column footings, and the foundation of the wall according to drawings, specifications, and instructions of the site engineer.	³ M	85

B3	Tie Beams Reinforced Concrete: Provide all materials and cast reinforced concrete (compressive strength of concrete cubes 32 Mpa) for the Tie Beams, according to drawings, specifications, and instructions of the site engineer.	³ M	60
B4	Columns Reinforced Concrete: Provide all materials and cast reinforced concrete for the fair-faced columns and pedestal (compressive strength of concrete cubes 35 Mpa), according to drawings, specifications, and instructions of the site engineer. All casting works must be done with a vibrator.	³ M	65
B5	Slab and Beams and Lintels Reinforced Concrete: Provide all materials and cast reinforced concrete (compressive strength of concrete cubes 32 Mpa) for the slabs, Beams, fair-faced, stairs, lintels, windows decorate, according to drawings, specifications, and instructions of the site engineer. Note: All the roofs must be treated and smoothened by a copter instrument.	³ M	275
B6	Floor concrete: Supply materials, equipment, and skilled labor for casting plain concrete 12 cm thickness with Compressive strength of 28 days 210 kg/cm ² (1:2:4) above 10cm thick compacted crush gravel; the work includes grading and leveling smoothing the surface with a handheld vibrator or use a vibratory screed of the foundation under the tiles and shtiger according to the details for the ground floor, using square steel pipes for leveling and formworks in stages, the price includes laying a layer of thick nylon.	² M	720
B7	Roof Treatment: Supply materials, equipment, and skilled labor for coating the surface with ceiling insulation material (UV resistant) using (Perlite) at a rate of 3 cm. The price includes cleaning and treating the surface well and coating the ceiling using a prime coat before starting the process of applying thermal insulation to the surface and then applying thermal insulation using fiberglass on the entire surface as well with a height of 25 cm of the wall, and then coating the surface with acrylic material with layers. The price includes all work requirements according to the specifications and directions of the supervising engineer.	² M	950
B8	Plain Concrete (15cm thick): Providing materials and casting plain concrete Compressive strength of 28 days 210 kg/cm ² (1:2:4) (Smooth surface using concrete surface screed vibratory machine and copter instrument) for the parking area and external yard thickness of 15cm thickness above 20cm thick compacted crush gravel, with using reinforcing steel bars 10mm Dia. each 30cm both directions, shuttering 10x5 cm and making expansion joints every 2.5m in both direction or as required by cutter instrument filling the space by epoxy, the price includes laying a layer of thick nylon, using leveling steel forms for the edges.	² M	1,000
B9	Concrete for Walkway and Aprons: Providing materials and skilled labors for excavating the foundations of the external walkways with dimensions of 40 x 30 cm, casting with ordinary concrete 20 cm thick, building with solid blocks (15 x 20 x 40) cm with cement and sand mortar according to the level, backfilling with well-compacted subbase and good leveling, then casting with ordinary concrete 12 cm thick using a steel pipe for shuttering, with cement plastering on the outside, according to the instructions of the supervising engineer.	² M	270
SUB TOTAL B			
C	Masonry works: Including provision of material, erection, pointing, curing, making expansion joint every (6m) with thickness 25mm with using of 25mm thickness compressed Polystyrene sheets, all necessary work according to section (500) of I.G.T.S., drawings, and instructions of the site engineer.		
C1	Clay Bricks works(Above DPC): Supplying materials & construction of walls with non-load bearing clay bricks (20 X 20 X 40 cm) weight not less than (9Kg), with cement mortar(1: 3) for above D.P.C level the price includes filling joints vertically by cement and sand 1:3 and fixing the space with concrete columns by G.I. metal holdfast 30cm long 4mm thick at every alternative course fixed to concrete columns with two nos. shot fired cramps.	³ M	270
C2	Hollow Concrete Block Works: Supply material & construction of walls with hollow concrete blocks 12X20X40cm with cement and sand mortar(1: 3) for the WC partitions according to details. The price includes filling joints vertically with cement and sand 1:3 .all required works should be carried out according to the attached drawing and specifications.	³ M	10
C3	Suspended MDF Countertops: Supply materials and install suspended counters made of 18mm Melamine Faced MDF – White Matt Smooth sections of available in the market, and strengthen the required places according to the plans and instruction of the supervising engineer, provided that the price includes installing 6 mm glass with Italian locks and accessories.	M.L.	50

C4	MDF Countertops: Supply materials and install counters made of 18mm Melamine Faced MDF – White Matt Smooth sections available in the market; the price includes fixing the surface from artificial marble, 3 cm thick with the basin resistant to germs and chemicals. The work consists of installing a first-class Roman water mixer with all plumber works.	M.L.	50
C5	MDF Nurse Station: Supply materials and make special stands (platform) for nurses' rooms (Nurse Station), reception, and control rooms with a height of 90 cm containing drawers and all needed, made of 18mm Melamine Faced MDF – White Matt Smooth sections of available in the market, according to the instruction of the supervising engineer	M.L.	15
SUB TOTAL C			
D	ELECTRICAL INSTALLATIONS: Electrical points, including provision and installation of all wiring of wires 1.5 mm2 for illumination and 2.5 mm2 for the rest), inside PVC conduits 20-25 mm with thickness 1.8mm galvanized boxes 0.9 mm thickness cables should be laid inside PVC pipes, all materials should be new. The works should be done according to specifications and standard IEC76 and the instruction of a supervisor engineer.		
D1	Supply, install and test LED (18) Watt lighting points with all the required uses (single wires 1.5mm ²). The light switch plug each (2-3) lamps controlled by one switch.	No.	10
D2	Supply, install and test lighting points LED 18Watt (outdoor) IP 65 with all required using (single wires 1.5mm ² with a suitable cable tray or cable conduit). The price includes providing and installing photocells and connecting all the lights.	No.	40
D3	Supply materials, install, connect, and test electrical LED lights (60x60cm) (72 W) with all annexed parts using (2x1.5)mm2 wires inside false ceiling (daylight type) with switch on/off all (2-3) lamp controlled by one button.	No.	170
D4	Supply, install and test socket 13 Amp. (samples required for final approval) using (wires 3x2.5mm ² (GC, GCCI, Hidayatm FTM, Edison) or equivalent.	No.	130
D5	Supply, install and test FDB Circuit breaker, 24 lines with various circuit breakers (10-30) with 100A primary circuit, MCCB 63A (Schneider, Legrand quality) or equivalent, including connections, interconnections, lettering, loop earth, etc., as required. The price includes the provision of a protection box.	No.	4
D6	Supply, install and test an electric Ceiling Fan (60x60) (Panasonic, Philips, Toshiba) or equivalent (if the mentioned brands are unavailable) with the regulator; the price includes installing the electrical points by isolation copper wire 1.5 mm2 and 10mm steel bar for hanging the fan according to of instruction of supervisor electrical engineer.	No.	25
D7	Supply, install and test industrial Exhaust Fan size(6") (Japanese, Malaysian Quality, or equivalents.)mounted to the walls inside a wooden frame. The price includes supplying & installing until brake wire mesh, painting from outside, and control switch.	No.	6
D8	Supply, install and test industrial Exhaust Fan size(12") (Japanese, Malaysian Quality, or equivalents.)mounted to the walls inside a wooden frame. The price includes supplying & installing until brake wire mesh, painting from outside, and control switch.	No.	20
D9	Supply and install and test split points using copper cable 4x6mm2 inside PVC pipe with electric switch 45 Amp , with using mini 32x3 Amp +10Amp with box, also install 3/4" PVC pipe inside the wall with fixing it to drain the water of split outside the building.	No.	30
D10	Supply and install lightning arrestor installed on the roof; the price includes Galvanized Iron pipe (5m, 3") preparing and making Earthing system by (3 copper rode 1-2 m /18mm) improving Earth System materials(bentonite); welding together with cable 1 X 70mm2 and making manhole 40 X 40cm the Instruction of supervisor engineer.	L.S.	1
D11	Supply material and Doing Earthing protection system for electric devices by using three copper rods 1m inside three ground holes and connecting the rod with the mainboard by cable 1 X 70mm2 and distributed to (FDB) by 1 X 25mm2 finally by 1 X 2.5mm2 for sockets, the price includes concreting manhole 40*40cm with covering it.	L.S.	1
D12	Supply, install and test copper cable 4 X 25mm2 to connect the main board with the transformer, double PVC layer type inside 2.5" diameter PVC pipes in the ground + installing above cable tray with all required and necessary works (such as hidden manholes) above dimension (40 X 40)cm.	M.L.	120

D13	Supply, install and test copper cable 4 X 16mm ² to connect the distribution boards with the main board, inside 2.5" diameter PVC pipes in the ground + installing above cable tray with all required and necessary works (such as hidden manholes) above dimension (40 X 40)cm.	M.L.	160
D14	Supply, install and test copper cable (25+(50X4))mm ² double PVC layer type inside 2.5" diameter PVC pipes in the ground + installing above cable tray with all required and necessary works (such as hidden manholes) above dimension (40 X 40)cm.	M.L.	120
D15	Supply and install active continuous glazed solar panel unit thermosyphon type with 300 Liters production storage capacity (without circulation pump) for hot water supply. The unit should have an electrical water heater of 2000 watts with a thermostat. The work also includes all wiring, plumbing works, pipes, fittings, and fixtures complete in all respect. The unit's location should be as per the instructions of the Site Engineer.	Unit	4
D16	Provide installation connecting and test a main electrical board containing a primary breaker size (500) ampere three-phase type with buzzer bar number (4) (600) ampere with sub-breakers size (100) ampere three phase number (4) type Schneider with Sub-circuits (50) ampere three-phase (1) and indication lamps, voltage meter, frequency meter, current meter number 3, and everything that is required for the work, according to the instruction of the supervising engineer.	Unit	1
D17	Electrical Water Pump: Supply and install an electrical water pump according to the following specifications. The price includes all required electrical cables 3x4 mm ² (up to 50m); the line must be put into a PVC pipe and lay in a trench with dimensions 30 X 40 cm, then the backfilling with 10cm clean sand, 20cm clean soil, 10cm ordinary Concrete. Switches, pipes, water automatic PRESSURE SWITCH accessories, and connection with the school and a small steel protection pump room as indicated in drawing details:- Pump type KF1 (Pentax type Italian made)or equivalent (if the mentioned brands are not available), Size: 1.5" and H.P. = 1.5	Unit	2
D18	Supplying, installing, testing, and operating an automatic early warning system against fire from (Japanese, German, or English quality) or equivalent, using special cables (1.2) mm ² thermocouples inside galvanized iron tubes, and consists of:	L.S.	1
D18.1	Smoke detector 45 number.		
D18.2	A signal lamp attached to each sensor and installed above the outer door of room 45 number		
D18.3	2 medium power alarm bells.		
D18.4	A bush bell placed inside an iron box with a breakable glass front tied with all the bells inside the building, 4 number.		
D18.5	The control panel for sensors consists of 4 zones, provided that the control panel determines the location of the fire for each sensor separately (Addressable fire alarm system).		
D18.6	A nickel-cadmium (DC) battery system with a 24/220 volt transformer with the truck and all that is necessary to operate the system when the electric current goes out, according to the instructions of the supervising engineer.		
SUB TOTAL D			
E	<u>Installing Transformer 100 KvA:</u> All the work should be done according to the standard of the Directorate of Electricity, the contractor is responsible to coordinate with DoE before installing or providing the required materials.		
E1	Supply, install, and test an Electric transformer of 100 KVA Indoor type; the price includes transferring. Test certification card from Erbil's Electric distribution directory, iron channels, cable stand, and connection to the electric power. The price also includes the construction of a room (4x5)m with all the required (concrete block work, reinforced concrete, cement plastering, painting, doors, windows, etc.)	Unit	1
E2	Supply, install and test electric board 25 X 80 X 100 cm by iron plate thickness, 2mm with door and painting which contains bus bars 250Amp, circuit breaker 250 A fence type 3pole, kWh 200/5A , multi measurement digital type, C.T 200\5 A, signal lamp, 3*2A circuit breaker, and all accessories according to supervisor engineer.	Unit	1
E3	Supply and install high tension electric pole 11m GV hot-dip galvanized thoroughly internally and externally gv. Lattice-type the price includes iron angle channels, Linked fuse 12Kva, lighting arrestor 11kv 10ka excavation concrete work with all accessories.	Unit	1

E4	Supply and install 11m high voltage electric pole tubular hot-dip galvanized thoroughly internally and externally gv. The price includes excavation, concrete work, pin insulators, and all accessories.	Unit	1
E5	Supply, install and test high voltage cable 11kv XLP 3 X 150mm ² 15-20kv with PVC pipe Iron clamp two final Joints(Ryckom), excavation, Filling, tiles, and concrete work.	M.L.	50
E6	Supply, install and test insulated copper cable 1 X 95mm ² double PVC cover. The price includes cable shoes and (GV) Iron bolts.	M.L.	60
E7	Supply all the required materials to do Earthing system protection by copper rod 1.5m with a diameter of 18mm. The price includes copper bar conductor 1 X 50mm ² improving Earthing soil materials, and all accessories to complete this item.	Unit	1
E8	Supply, install, and test ACSR conductor 120mm ² . The price includes insulators and connectors.	M.L.	100
E9	Supply, install, and test automatic change over switch 250 amp GMC LG contactor or equivalent type original the price includes suitable board (140 X 90 X 40)cm the contactors are connected with bus bars and contain timers, control circuit breakers, phase failer for main power and copper insulated cable 1 X 300mm ² to complete the item.	Unit	1
E10	Supply, install and test lightning conductor protection system.	Set	1
E11	Supply, install and test final distribution circuit breaker 4 Fuse HAVELLS type Indian made or equivalent with cable 3 x 4mm ² in the transformer room.	Set	1
E12	Supply, install and test copper cable 70mm	M.L.	40
SUB TOTAL E			
F	Sanitary (Plumbing) Installation: Includes supply and installation of materials, pipes, all kinds of fittings, valves, mixers, bibcock taps, P-traps, gullies with cover, supports, hangers, plug and clips, all excavation with backfilling, placing concrete 1:2:4,15cm thick under and around pipes, workforce for the installation and internal connection of the water system to hot and cold water and the main water supply system. All water pipes should be Polypropylene (PPR). Composite water pipes of min. 3 Layers of side walls (PPR/AL/PPR/PE), PPR-C inner layer, and a special mixture of AL middle layer should be coated with an external layer of PE (Polyethylene Layer) dark grey/black color to protect against ultraviolet rays, Different Outside Diameter (OD) as below, Min.PN16 Bars, suitable for drinking purposes/food grade, approved samples with all required fittings and accessories, PVC pipes for sewerage system with all the necessary fittings. All new WS and SS work items should be tested before covering. Note: All materials should be approved type; the work of external water connection (3/4" dia.) includes repairing (if any) all Asphalt, concrete, and curb stone.		
F1	Wash Basin: Providing ceramic wash basin (wall mounted type) with mixer (Such as GROHE, Hansgrohe, DURAVIT, Roca) or equivalent (if the mentioned brands are not available) + wall & floor drains + Gully (Trap)/room, using proper brackets and adhesive materials for fixing the basin with walls and fixing drain pipes inside walls & floor (2.25"). The price also includes providing and installing ceramic (50cmx25cm) for the wall behind the wash basin with a dimension of (1m width x 150m height) using tile adhesive materials (Kalakem flex type) with all the accessories.	No	20
F2	Eastern W.C: Providing materials and fixing Eastern W.C Ceramic ((approved sample)) with hidden Siphon/in-wall tank. + Gully (Trap) and cleanout accessories.	No.	4
F3	Western W.C/Wall Hung/Mounted Toilet with the in-wall tank: provide, test, and install (Such as GROHE, Hansgrohe, DURAVIT, Roca) or equivalent (if the mentioned brands are not available)with gully trap 4" dia, and flexible hose 5mm, handle tissue place complete in all respect.	No.	1
F4	Water Tank (2 m³): Supply and install a new UV-resistant HDPE vertical two m ³ capacity water tank, food grade with top/open solid cover and solid body of Triple/3 Layers (Middle Layer for maintaining water temperature, outer Layer for sunlight protection/UV resistance and inner layer for algae & odor protection), blue color externally, 2-inch cooper/brass embedded outlet with overflow, manufactured from 100% virgin raw material not recycled (Polyethylene high density) including tank base by using I section steel pipes and a (sandwich panel of 5 cm thick, thick steel plate) and suitable size, all piping and fittings, Valves, float valves, Type according to the drawing and instruction of site engineer	No.	6

F5	Composite PPR Water Pipes (20mm): Supply and install water pipes of OD 20 mm, PN 16. The price includes all fittings and accessories, excavation (required depth), backfilling of 10cm clean soil with all necessary works for cold water, and a painting with anti-rust paint for galvanized only.	M.L.	50
F6	Composite PPR Water Pipes(25mm): Supply and install water pipes of OD 25 mm, PN 16. The price includes all fittings and accessories, excavation (required depth), and backfilling of 10cm clean soil with all necessary works for cold water, with a painting by anti-rust paint for galvanized only.	M.L.	300
F7	PPR Water Pipes(32mm): Connect the building with the main source of water using an ordinary PPR pipe of 32 mm OD & PN20. The price includes the excavation of the trench (30x70 cm.), covering pipes with (10) cm of clean sand, and backfilling with all fitting and necessary works. The price also includes repairing asphalt or concrete pavement by 10cm concrete if the pipe crosses these types of pavements.	M.L.	200
F8	PVC Pipes (4)" diameter: Supply and install (4")dia. PVC pipes , 4.20 mm wall thickness with all necessary materials and fittings, according to I.G.T.S and the instructions of the site engineer with all the required work. The price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipelines.	M.L.	110
F9	PVC Pipes (6)" diameter: Supply and install (6")dia. PVC pipes , 4.20 mm wall thickness with all necessary materials and fittings, according to I.G.T.S and the instructions of the site engineer with all the required work. The price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipelines.	M.L.	150
F10	Galvanize Pipe(2"): Provide materials and installation of 2-inch diameter galvanized pipes with accessories for the purpose of venting according to the instruction of the supervising engineer, including all work requirements.	M.L.	30
F11	Taps 1/2": Provide materials and installation of chrome taps (such as GROHE, DURAVIT, ECA, or Vitra) or equivalent (if the mentioned brands are not available) size 1/2" for the required places and according to the site engineer's instructions.	Pcs	5
F12	Taps 3/4": Provide materials and installation of chrome taps, size 3/4", for the required places and according to the site engineer's instructions.	PCs	5
F13	Floor drain (PVC) 4"dia.: Provision of materials and erection of 4" dia. Floor drain and with gully trap 4" dia, The work includes the excavations, crushed stone, lean concrete with a thickness of 20cm, and connection to the receiving manholes by PVC pipe 4" dia, with drain nickel covers, with all necessary work.	No.	6
F14	Rain Drain Pipe: Provide materials and fix galvanized iron pipes 4"dia. For rainwater vertical draining from the roof with all fittings and accessories, according to the drawings and instructions of the site engineer.	M.L.	40
F15	Concrete manholes: Supply materials and construction manholes of different depths with internal dimensions using reinforced concrete 10cm with a layer of B.R.C. The price includes excavation, supply, and laying of crushed stone with proper compaction, laying of plain concrete, and covering the inner side of the manholes with a mix of 1:2 water, SBR. Aheen covers with an aheen frame.		
F15.1	50x50cm and cover 50x50cm	No.	30
F15.2	80x80 cm and cover80x80cm	No.	4
F16	Septic Tank: Provide materials and build a septic tank of internal dimension (L x W x D, 4m x 2m x 2m under inlet pipe level), according to the attached technical drawings and Supervisor Engineer instructions. The work includes excavations, cast reinforcement concrete with wood shuttering for slab floor, side & partition walls, and manhole neck of 25 cm thick, C26 Mpa, 12 mm steel bars @ 20x20 cm C/C double layers, with a thick nylon layer under concrete. The partition baffle wall should be at 2/3 from the inlet side. The baffle should have at least two holes (length 40cm, height 20cm). Paving inside the septic tank using waterproof waste materials of the approved sample. Fit T-joints on both inlet and outlet pipes, T-joints to being 20cm long on both ends. Cast top slab by reinforced concrete, 20 cm thick, steel bars 12mm @ 15cm c/c.	No.	2

	The slab must fit smoothly and tightly onto the RC walls. Leave openings in the top slab for two manholes (40x40) cm each with neck extension, positioned exactly over the inlet and the outlet pipes. Close with two heavy-duty cast iron/GRP-type manhole covers. Install a ventilation galvanize pipe 2.5". If possible, fix it to a near wall. Install min. 3m of 6" connection pipe between the septic tank outlet and the cesspool. Make sure the septic tank is fully watertight. The work includes excavating a hole of suitable dimensions with a flat bottom, leaving a space of at least 20/30 cm around the tank. In the case of heavy ground (e.g., clayey subsoil and/or groundwater, the distance must be at least 50 cm. Spread a 20/25 cm deep layer of 2/6 washed gravel (Boulders) on the bottom of the excavation to allow the tank to rest on a uniform and level base. Excavated material must not be used as a backfill. The excavation must be a minimum of 1 m from any structures. The work includes all required works for avoiding surface runoff infiltration, uplift pressure, and keeping the tank safe from any external forces and loads, marking the boundary with suitable warning signs.		
F17	Cesspools: Provide materials and drill/build cesspools with 1.1 m outer diameter for septic tank effluent infiltration according to attached drawings, 8 m depth. Casing (6 m) using double wall corrugated pipes of inner diameter 80 cm minimum and 1 m from the top/ground level by a concrete ring of min.80 cm dia. Gravel pack between cesspool wall and casing pipe. The concrete seal around the concrete ring is 0.5 m down from the top of the cesspool/ground; the cover should be round ductile cast iron manhole covers 60cm in diameter.	No.	4
SUB TOTAL F			
G	FINISHING: Including provision of all necessary materials, work, and curing. The works should be done according to sections 10 & 14 of I.G.T.S, drawings, and instructions of the site engineer with all necessary works, and use SBR at a rate of 200gr per m2, the ratio of SBR to water(3-1).		
G1	Cement plastering: Providing materials and plastering with cement sand mortar 1:3 three layers (1. cement spatter dash(sharbat),2.rendering coat and leveling (kafmal),3. finishing fine coat (saf)) 20mm thick min. and the final layer should be very smooth, using 3m straight aluminum edges for plastering guides for outer walls, main entrance, balcony, and corridors. And use SBR at a rate of 200gr per m2; the price includes fixing steel wire mesh for the edges between walls and columns.	M ²	760
G2	Gypsum plastering: Supplying materials and plastering with gypsum (using gypsum approved by the site engineer) in 2 layers minimum thickness of 15mm using straight aluminum edges for plastering guides each 60 cm for walls and roofs, corridors, and entrance hall, and the area indicated in the drawings. The price includes (1. cement spatter dash(sharbat),2.rendering coat and (kafmal), using SBR for the outer wall (thermos tone), fixing steel wire mesh for the edges between walls and columns, and using one layer of cement plastering to cover the wire mesh.	M ²	1650
G3	Porcelain Floor Tiles Works: Supply materials and paving Porcelain Floor Tiles (60x60)cm, 10mm thickness (sample should be provided for approval) Wear-resistant, Non-slip, Acid-resistant, Low water-absorption 0.5% with all necessary works on a layer of cement sand mortar 1:3 mix ratio, The price includes cleaning the porcelain after the end of the works. The work consists of using cement mortar and sealing the joints with white cement & lime grout and SPR color if required mixture), making a 1.0 cm expansion joint, each 25m ² filling with flexible epoxy; all the necessary works should be carried out according to the attached drawing and supervisor engineer instruction.	M ²	680
G4	Ceramic Floor Tile Works: Supply materials and paving Ceramic Floor Tiles (30x30)cm, 8mm thickness (sample should be provided for approval) Wear-resistant, Non-slip, Acid-resistant, for latrines and baths with all necessary works on a layer of cement sand mortar 1:3 mix ratio, The price includes cleaning the ceramic after the end of the works. The work consists of using cement mortar and sealing the joints with white cement & lime grout and SPR color if required mixture), making a; all the necessary works should be carried out according to the attached drawing and supervisor engineer instruction.	M ²	20

G5	Porcelain Wall Tiles Works: supply materials and erection of wall porcelain tiles (60x30)cm,10mm thick (as sample approved) using (first class) on two-layer of plastering of cement mortar (1: 2) using straight edge for toilet walls, above all washbasins and baths walls, kitchens according to the details (the places indicated in the drawing or by the site engineer). And use SBR at a rate of 200gr per m2. The price includes the erection of ceramic belts with suitable height and coating the backside of the tiles with a layer of cement splatter dash using SBR. The price includes using Aluminum straights for corners.	M ²	310
G6	Skirting: Supply materials and skirting using Spanish ceramic or equivalent (if the mentioned brands are not available) tiles (10)cm height and cement mortar 1:3 in rooms, corridors, and main hall entrance according to the drawings and instructions of the site engineer. The price includes using a cement splatter dash with SBR at a rate of 30 Gr.\1 m.l.	M.L.	530
G7	Concrete Floor Tiles Works: Supply materials and paving colored concrete Floor Tiles (30x30)cm, 20mm thickness (sample should be provided for approval) with all necessary works on a layer of cement sand mortar 1:3 mix ratio; the price includes cleaning after the end of the works. The work consists of using cement mortar and sealing the joints with cement & lime grout and SPR color if required mixture), making a 1.0 cm expansion joint, each 25m ² filling with flexible epoxy; all the necessary works should be carried out according to the attached drawing, and supervisor engineer instruction.	M ²	65
G8	Acrylic Internal Paint: Provide materials and Painting with Acrylic painting (painting and color approved by the site engineer) three layers for the rooms and corridors (inside the building) indicated by the site engineer. The work should be done according to the site engineer's specifications, drawings, and instructions. Note: the paint must be according to the international specification organization ISO 9001.	M ²	1650
G9	External Painting(silicone): Provide materials and Painting with External painting (Weather proof) three layers (for exterior walls). The work should be done according to the site engineer's specifications, drawings, and instructions. Note: the paint must be according to the international organization ISO 9001.	M ²	760
G10	Gypsum False Ceiling: Provide materials and fix gypsum false ceiling 60*60cm for the Administration part and Hall or the places indicated by the site engineer. The price includes hanging beams (Skka 38 mm height) every 120cm by screw, steel fisher, rode 3mm, connecting the beams by Skka 120cm,60cm long (32mm height), and all necessary works.	M ²	680
G11	Plastic False Ceiling: Provide materials and fix the Plastic false ceiling 60*60cm for the places indicated by the site engineer. The price includes hanging beams (Skka 38mm height) every 120cm by screw, steel fisher, rode 3mm, connecting the beams by Skka 120cm, 60 cm long (32mm height), and all necessary works.	M ²	20
G12	Gypsum Panel: Provide materials and fix a gypsum panel with 7cm height for the corridors and under the false ceiling or the places indicated by the site engineer.	M.L.	650
G13	Screened Loam for Garden: Provide material and lay a layer of approved screened Loam 30 cm thick for the garden. The price includes grading, leveling, compaction of the base, planting grass with all requirements, also providing and laying a 10x30 cm concrete block on a 10 cm thick and 20 cm width plain concrete using nylon sheet; the price includes providing a grass-cutting machine well-known brand.	M ²	190
G14	Marble Windows Frame: Provide materials and cover the windows and entrance doors frame (four sides) with marble 2 cm thick, width 30cm; the price includes spin-off the outer edges of the granite and using kalakim paste FLEX type for fixing. The work should be done according to the site engineer's specifications, drawings, and instructions.	M.L.	275
G15	X-Ray Room Insulation: Provide and install lead metal (3mm) thickness 36 kg/m3 to cover the x-ray room walls making an overlap of 2cm with all accessories, the price also includes covering the lead metal wall with MDF (sample should be provided for approval) not less than 8mm thick and 25cm width, with all needed (nails, adhesive, screw, ...etc.). All the work should be done according to the DOH standard and the instruction of the supervisor engineer.	M ²	65
G16	X-Ray metal-glass Window: Supply and install lead metal-glass window (80cmx80cm) for the x-ray control room with all accessories. All the work should be done according to the DOH standard and the instruction of the supervisor engineer.	No.	1

	SUB TOTAL G		
H	Doors & Windows: Providing all necessary materials and installing doors according to sections 11, 12, and 13 of I.G.T.S, details, and instructions of the site engineer with all the required works, the site engineer should approve prior samples.		
H1	Glass Door (D1): Provide and install a glass door for the main entrance, with two wings and a 2-way open using (Tempered glass 12mm) glass with all the required accessories (aluminum frame, locks, skka, hing, etc.).	L.S.	1
H2	Aluminum Glass Doors Works (D2, W2): Supply material and install Aluminum door with two windows, 2mm thickness double plate. The price includes a glass pan of 6mm thickness, ordinary or mushajar, rubber, handle, switch mortice, door stopper, and all other required works according to the drawings and instructions of the site engineer.	M ²	11
H3	Decorative Wooden Composite Doors (D3): Providing and installing standard decorative Composite wooden doors HDF (white oak Canadian wood) Laminated thermoformed sheet water and the fire-resistant colored, 200 mm minimum frame thickness and 100mm cornice outer measurement, double faces wooden plywood each face 8mm thickness, the sample should be provided for approval, The price includes installing 6 mm glass pans, switch (Italian made-three locks), gate lock, hinges, rubber, door stopper, and wooden frames, the price includes covering the bottom of the door with 15 cm aluminum plat for two faces.	M ²	55
H4	X-Ray Room Door (D4, D5, D6): Provide materials & install a door #1(1.5 x 2.1)m, #1(1x2.1)m, and #2 (0.75x2.1)m made of Finnish wood for the x-ray halls (lined with lead, 3 mm thick), pressed against the Malaysian sheet 4 mm, according to the details on both sides, and the sides are made of teak wood, and the price includes all that is required The work is made of rods, swivels, and wedges, with copper plate fixed, 1 mm thick and 20 cm high at the bottom (one piece is used for both sides, not the bottom, and the sides), with a frame of two beech wood (0.5 x 3) for each corner. The price includes esperto painting. And the damluk and the frame are "3 x 6" and made of veneered wood, on the condition that the wood does not contain knots with a diameter greater than 1 cm (lined with lead, thickness of 2 mm) with all that is required for the work and according to the directives of the supervising engineer and according to the details and architectural plans.	M ²	8.5
H5	Aluminum Glass Doors Works (D7): Supply material and install Aluminum doors 2mm thickness double plate. The price includes a glass pan of 6mm thickness, ordinary or mushajar, rubber, handle, switch mortice, door stopper, and all other required works according to the drawings and instructions of the site engineer.	M ²	7.5
H6	Aluminum Glass Doors Works (D8): Supply material and install Aluminum doors 2mm thickness double plate. The price includes rubber, handle, switch mortice, door stopper, and all other required works according to the drawings and instructions of the site engineer.	M ²	2.5
H7	Steel Guard Bars: Provide and install metal guard bars windows using iron angle (4x4)cm 2mm thickness with 1cm square steel bar all the required works. The price includes painting all the iron with a layer of anti-rust and two layers of oil paint (Betek) or equivalent (if the mentioned brands are unavailable).	M ²	125
H8	Aluminum Windows: Supply material and install Aluminum windows wide section 2mm thickness. Fixing 1.5x1.5 inch 3mm thickness pipes frame to the wall, Double glass pan (6mm+9mm+4mm) thickness, ordinary or mushajar, rubber, handle, fly wire mesh for opening Areas, the price includes cleaning the glasses by machine before composing, and all other required works according to the drawings and instructions of site engineer.	M ²	125
H9	Metal handrail works for the walkways and walls: Provide materials & install handrails on both sides of the entrance (walkway) with 90 cm Hight, using 2" pipe for the frame and 1" for internal; the price includes primer and two layers of oil paint for all ironmongery required. The price consists of excavation and concreting (with dimensions 30*30*50 cm) for fixing square steel pipe 3" x 3" every 2m welded to the metal handrail.	M.L.	70
H10	Sign board: Supply and install an Aluminum sign board (3mX1.5m) 3mm thick, with a steel angle frame (1.25x1.25) inch (3mm) thickness, with one layer of anti-rust paint and two layers of approved color oil paint, ISO 9001, includes printing the name of the school with the foundation year by detail.	No.	1

H11	Steel ladder: Providing materials and fixing steel ladder using square pipe 2.5" for the edge and 2"(thickness 1.5 mm) for the interior. The price includes bracing, painting with one-layer primer, and three-layer oil paint.	M.L.	6
H12	Wall Protection: Providing materials and fixing a 20cm width plastic panel with an aluminum base frame fixed to the wall with screwing.	M.L.	530
H13	Room Address plate: Supply materials and equipment to print the room address on an aluminum plate (30x15)cm and fix the allocated room's wall.	No.	28
SUB TOTAL H			
I	EXTERNAL WORKS: Apron, walkways (inside the building and outside the building), fence according to specification, attached drawings, and instructions of the site engineer.		
I1	Excavation works Excavation in all types of soils(rock, asphalt, concrete), with dimensions (40x50)cm, including backfilling and compaction, according to the requirement of section (3) of I.G.T.S. for the foundation. The price includes compaction of the base of excavation using a Vibrator roller, according to the details.	M ³	70
I2	The crushed stone works: Supply material and lay crushed stone 10 cm thick with good compaction for foundations; all required works should be carried out according to the attached drawing and specifications.	M ²	120
I3	Plain Concrete: Supply materials and cast plain concrete class (C10) 1:3:6 10cm (min. thickness) for under columns footing, wall footings, retaining wall, and foundation of a water tank stand to the required elevations and laying two layers of thick nylon. (The nylon should also cover the sides of excavation walls and extend on land 50cm to both sides of the excavation).	M ²	120
I4	Foundation Concrete: Supply materials and cast plain concrete 20cm thick, class 1:2:4, for the wall to the required elevations; .all the necessary works should be done according to the attached drawing and specifications.	M ³	25
I5	Solid concrete block works: Supply material & construction of walls with solid concrete blocks 15X20X40cm with cement and sand mortar(1: 3) for walkways: aprons, fence, and stand of water tank according to details. The price includes flush pointing for outside and inside by cement sand 1:3 .all required works should be carried out according to the attached drawing and specifications.	M ³	70
I6	Hollow concrete block works: Supply material & construction of walls with Hollow concrete blocks (20X20X40)cm with cement mortar(1: 3) according to details. The price includes filling the vertical joints between blocks with cement and sand 1:3; all required works should be done according to the attached drawing and specifications.	M ³	110
I7	Cement plastering: Supply materials and plastering with cement mortar 1:3 two layers (kafmal, saf) thickness 20 mm. Min., using a straight edge (the final layer should be very smooth). Using 3m straight aluminum, The work should be done according to specification.	M ²	1400
I8	External painting: Provide materials and Painting with External painting (Weatherproof painting and color approved by the site engineer) in three layers for the areas indicated in the drawings (for exterior walls). The work should be done according to the site engineer's specifications, drawings, and instructions. Note: the paint must adhere to the international specification organization ISO 9001.	M ²	1400
I9	Main Metal Door: Provide and install metal slide door dimensions (2.1mX4m)according to the drawings with two face plates (1.25 mm) for the main gate using 3"x3" square steel pipe 6mm thick, primer + two layers oil paint of all ironmonger as required, switch, metal frames, and decoration. The price includes the construction of two reinforced concrete columns(40x40)cm to fix the door. The price also includes casting reinforced concrete for the foundation of the columns (0.8x0.8)m and 50cm thick on a layer of 10 cm well-compacted crushed stone with all necessary works.	No.	1

110	Metal Door: Provide and install metal door dimensions (2.1mX1.5m) according to the drawings with two face plates (gage 18) for the main gate using 3"x3" square steel pipe 6mm thick, primer + two layers of oil paint of all ironmonger as required, switch, metal frames, and decoration. The price includes the construction of two reinforced concrete columns(40x40)cm to fix the door. The price also includes casting reinforced concrete for the foundation of the columns (0.8x0.8)m and 50cm thick on a layer of 10 cm well-compacted crushed stone with all necessary works according to the details and instructions of the site engineer.	No.	1
SUB TOTAL I			

Annex D: Detailed Technical Evaluation Criteria

#	Items	MANDATORY RFP SPECIFIC REQUIREMENTS	Result (Pass/Fail)
1	Site Visit	Did the vendor send an engineer to visit the site on the date and time and sign their company's name on the attendance sheet? <u>(The attendant should show any proof that he/she is an engineer).</u>	
2	Bid Security	Has the bidder submitted a scanned copy of the Bid Security of USD 7,000 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 Does the vendor send an engineer to visit the site on the date and time and sign their company's name on the attendance sheet? (The engineer should bring any proof of Engineering (engineering union ID card or graduation certificate). required to submit the original cheque.	
3	Valid Business Registration Certificate	Is the company registered as (construction or general contracting) 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> Companies with an age of 5 years and less at the time of the submission will be disqualified.	
4	Tax Registration Certificate	Has the bidder submitted a scanned copy of a valid Tax registration certificate?	
5	Acknowledgment of Annex - O	Has the bidder submitted a duly signed/stamped Checklist?	
Mandatory Pre-qualification - Pass / Fail			

The Bidders must meet all the above mandatory pre-qualification criteria in order for their proposal to be considered for further evaluation.

Stage 2: Technical Evaluation

The percentage distribution of 60% of the total score has been allocated to the Technical Proposal. Maximum scores are listed in the table below. Failure to achieve a minimum score of **60%** out of the 60 points will result in technical non-compliance and elimination from further evaluation.

Technical Evaluation Criteria:

Technical Evaluation				
A 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 36 points 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 & experience	Company Profile and Capability	The company has ISO 9001 certification or equivalent recognized certifications. (1 Point)		1
		Company age from the registration date (min 2 years).	From 5-10 years (1 point)	2
			More than 10 years (2 points)	
	Company classification	The company has a valid construction classification ID issued by the Ministry of Planning (Central Government and/or KRI), with a classification range between 1-5 classes.	Classification from 1-3 (2 Points)	2
			Classification 4-5 (1 point)	
	Staff Qualifications	Project Manager (civil engineer) with a bachelor's academic degree in electricity engineering (minimum of 10 years of experience) with proof of graduation like (Graduation certificate, syndicate ID, Union ID) (3 Points)		3
		Electrical Engineer (bachelor's degree) with at least 5 years' experience (1 Points).		1
		Surveyor (diploma in Surveying) with at least 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 (70,000). The bidder will receive zero points if the baseline turnover is not demonstrated.		4
		Does the vendor submit the latest 2 consecutive years' financial audit reports? Yes	(4 Points)	
Does the vendor submit the latest 2 consecutive years' financial audit reports? No		(0 Points)		
Total score 14 points				
Relevant Experiences	Proof of relevant Experience	experiences 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 (Construction, rehabilitation).		5

		- 5 (and above) Projects = 5 Points - 4 Projects = 4 Points - 3 Projects = 3 Points - 2 Projects = 2 Points - 1 Projects = 1 Point - No project = 0 Points Note: The evaluation will not consider POs or Contracts with a value of less than USD 50,000.		
	<u>Past experience with clients</u>	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. - 3 or more different clients (3 Points) - 2 different clients (2 Points) - 1 client (1 Point) - No list (0 Points)	3	
Total score 8 points				
Technical Specifications of Works		Catalogs or Datasheet Confirming that the specification of the below items complies with the BoQ:		
	<u>Construction & Finishing Materials</u>	- Painting (internal & external) (2 Points). - Clay Bricks (2 Points). - Wooden Composite Doors (2 Points). - lead metal (3mm) thickness 36 kg/m3 for X Ray room (2 Points).	8	
	<u>Sanitation Materials</u>	- Western W.C/ Wall Hung (1 Point). - Wash Basin/ Wall Hung (1 Point). - Water mixer and taps (1 Point). - PVC and composite PPR water Pipes (1 Point). - UV-resistant HDPE water tank 1000 liters (1 Point). - PVC sewage pipes (1 Point).	6	
	<u>Electrical fittings Materials</u>	- Led lights 18 W, 36 W, and 72 W (1 Point). - lightning arrestor ESE- sat (2 Points). - Water Heater-Glazed solar panel unit thermosyphon type (4 Points). - Electric Transformer (3 Points). - Electrical Water Pump (2 Points). - Detailed automatic early warning system against fire (4 points).	16	
30 points (Min. Passing point is 20 Points)				
Work Plan & Method of Implementation	<u>Works plan</u> Detailed and realistic work plan with Work Schedule/ Gantt Chart	- Implement realistic timelines as indicated in the Scope of work (180) days. 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 180 days) of the indicated duration in (SoW) or Project Schedule not indicating a detailed sequence of activities (0 Point).		
	<u>Method of implementation</u>	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	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: UNHCR General Conditions of Contracts for the provision of Goods and Services (July 2018)**, **Annex H: UNHCR General Condition of Contracts for Civil Works (October 2000)** AND **Annex I: UN Supplier's Code of Conduct**.

D-1 DECLARATION

The undersigned, having read the Instruction to Bidder, and the **Annex G: UNHCR General Conditions of Contracts for the provision of Goods and Services (July 2018)**, **Annex H: UNHCR General Condition of Contracts for Civil Work AND Annex I: 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
Registration Type (Company / Contractor etc.)	E.g. Construction Company with appropriate registration as a construction 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>
Legal Status	e.g. Limited Company / Public limited Company etc	<i>Provide certified copies of Registration</i>
VAT Registration Number	(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		
A. Key Professionals		
Name	Position	Task
B. Support Staff		
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 Three Years)		
Year	Turn-over in USD	Remarks
2020		
2021		
2022		

D-6 Financial Statement Analysis

S No.	Description of Financial Info.	Value	Reference Page No. Tec Proposal
Current Ration			
1	Current assets		
2	Current liabilities		
Debt Ratio as a Percentage			
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				

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:				

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.

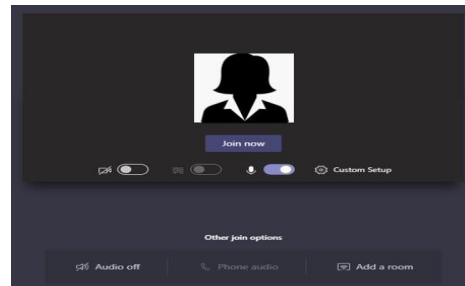
Annex K

How to Join Microsoft Teams Without an Account

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>)	30/08/2023	20/09/2023
2	Closing date for Queries	11/09/2023	11/09/2023
3	Site Visit	07/09/2023	07/09/2023
4	Pre-bid conference Meeting	10/09/2023	10/09/2023
5	Tender Closing date	20/09/2023	20/09/2023
6	Bid Opening Date	21/09/2023	21/09/2023
7	Technical Evaluation	21/09/2023	10/10/2023
8	Financial Evaluation	11/10/2023	16/10/2023
9	Approval of Contract	16/10/2023	29/10/2023

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.

DEADLINE FOR SUBMISSION OF BIDS	20/09/2023 at 23:59 HRS Iraq Local Time	
SUBMISSION OF BIDS:	Please submit your proposal through an online eTenderBox Tool, which can be accessed at http://etenderbox.unhcr.org	Construction of Primary Health Care Center (PHCC) type-B in Qustapa sub-district.
LATE SUBMISSION OF OFFERS:	OFFERS SHOULD BE SUBMITTED IN GOOD TIME TO BE RECEIVED BY CLOSING DATE AND TIME. IMPORTANT NOTE: BIDS RECEIVED AFTER THE DEADLINE FOR SUBMISSION OF BIDS AND BIDS TRANSMITTED IN ANY OTHER MANNER THAN THOSE INDICATED ABOVE WILL NOT BE CONSIDERED.	
BID VALIDITY PERIOD:	180 DAYS	
PRICE VALIDITY PERIOD:	Entire Period of the Project Duration	
DEFECT LIABILITY:	6 MONTHS	
TERMS OF REFERENCE:	ALTERNATIVES TERMS OF REFERENCE SHALL NOT BE CONSIDERED	
DELIVERY SCHEDULE:	SET UP TIME: IN DAYS: 7 Days DELIVERY TIME: IN DAYS: 180 Days	
RETENTION MONEY:	Please note that a 10% of the total contract value will be kept as retention money for period of 6 Months from the completion and handover of the site against defects and liabilities.	
RELEASE OF PERFORMANCE BOND OR BANK GUARANTEE	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.	
LIQUIDATED DAMAGES	The resulting contract from this tendering exercise MAY BE 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.	
SUBCONTRACTING	UNHCR WILL HAVE TO APPROVE ANY SUBCONTRACTOR THAT THE CONTRACTOR INTENDS TO USE FOR THE EXECUTION.	
LANGUAGE OF THE BID:	ENGLISH	
REQUESTS FOR ADDITIONAL INFORMATION:	BIDDERS ARE REQUIRED TO SUBMIT ALL THEIR QUERIES IN RESPECT OF THIS REQUEST FOR PROPOSAL TO BID BY E-MAIL TO: IRQERPROC@unhcr.org and cc: omerr@unhcr.org BEFORE 23:59 HRS Iraq Local Time on 11/09/2023. (CUT-OFF DATE FOR QUERIES). UNCHR MAY, AT ITS DISCRETION, COPY ANY REPLY TO A PARTICULAR QUESTION TO ALL OTHER INVITED / PARTICIPATING BIDDERS.	
BID EVALUATION CRITERIA:	BIDS WILL BE EVALUATED BASED ON THE TECHNICAL EVALUATION CRITERIA prescribed in article " 2.6.2 Technical and Financial evaluation "	

ANNEX O: SUBMISSION CHECKLIST

Submission Checklist		
S. No.	Description	Indicate Yes/No
1	I have read and understood the RFP and all its annexes	
2	Annex A & B: Bill of Quantities & Scope of Work (SOW) - Completed and Submitted	
3	Annex C: Design and the Structure Drawings	
4	Annex E: Technical Proposal Form - Completed and Submitted	
5	Annex F: Vendor Registration Form - Completed and Submitted	
6	Annex G & H: UNHCR General Condition of Contracts for the provision of Goods and Services (Signed and Stamped) and UNHCR General Conditions of Contracts for Civil Works (October 2000)	
7	Annex I: UN Supplier's Code of Conduct - Signed and Stamped	
8	Annex K: Financial Offer Form (Filled Signed and Stamped in PDF)	
9	Annex M: Bid Data Sheet	

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 E, F & G are not required at this stage.]

Name of authorized representative: _____

Title: _____

Signature: _____

Date: _____

Supplier Name: _____

Postal Address: _____

Telephone No.: _____

Email Address: _____