



## REQUEST FOR QUOTATIONS (RFQ)

RFQ Number: DCEO-ERB-TECH-2022-019  
Issuance Date: May 8, 2022  
Deadline for Quotes: May 22, 2022  
Description: Software Development for Solar Systems Monitoring  
For: Durable Communities and Economic Opportunities (DCEO) Program  
Funded By: United States Agency for International Development (USAID),  
Contract No. 72026719D00001  
Implemented By: Chemonics International Inc.  
Point of Contact: Procurement Team at [dceoprocurement@iraqdceo.com](mailto:dceoprocurement@iraqdceo.com)

**\*\*\*\*\* ETHICAL AND BUSINESS CONDUCT REQUIREMENTS \*\*\*\*\***

Chemonics is committed to integrity in procurement, and only selects suppliers based on objective business criteria such as price and technical merit. Chemonics expects suppliers to comply with our Standards of Business Conduct, available at <https://www.chemonics.com/our-approach/standards-business-conduct/>.

Chemonics does not tolerate fraud, collusion among offerors, falsified proposals/bids, bribery, or kickbacks. Any firm or individual violating these standards will be disqualified from this procurement, barred from future procurement opportunities, and may be reported to both USAID and the Office of the Inspector General.

Employees and agents of Chemonics are strictly prohibited from asking for or accepting any money, fee, commission, credit, gift, gratuity, object of value or compensation from current or potential vendors or suppliers in exchange for or as a reward for business. Employees and agents engaging in this conduct are subject to termination and will be reported to USAID and the Office of the Inspector General. In addition, Chemonics will inform USAID and the Office of the Inspector General of any supplier offers of money, fee, commission, credit, gift, gratuity, object of value, or compensation to obtain business.

Offerors responding to this RFQ must include the following as part of the proposal submission:

- Disclose any close, familial, or financial relationships with Chemonics or project staff. For example, if an offeror's cousin is employed by the project, the offeror must state this.
- Disclose any family or financial relationship with other offerors submitting proposals. For example, if the offeror's father owns a company that is submitting another proposal, the offeror must state this.
- Certify that the prices in the offer have been arrived at independently, without any consultation, communication, or agreement with any other offeror or competitor for the purpose of restricting competition.
- Certify that all information in the proposal and all supporting documentation are authentic and accurate.
- Certify understanding and agreement to Chemonics' prohibitions against fraud, bribery and kickbacks.

Please contact [dceoprocurement@iraqdceo.com](mailto:dceoprocurement@iraqdceo.com) with any questions or concerns regarding the above information or to report any potential violations. Potential violations may also be reported directly to Chemonics' Washington office through the contact information listed on the website found at the hyperlink above.

## **Section 1: Instructions to Offerors**

### **1. Introduction:**

Background: Iraq Durable Communities and Economic Opportunities (DCEO) is a United States Agency for International Development (USAID) program implemented by Chemonics International. DCEO aims to support vulnerable communities to build community resilience against destabilizing factors by increasing their adaptive capacity and economic well-being.

Offerors are responsible for ensuring that their offers are received by Chemonics in accordance with the instructions, terms, and conditions described in this RFQ. Failure to adhere with instructions described in this RFQ may lead to disqualification of an offer from consideration.

Purpose: To increase the competitiveness of Iraqi firms and create employment for Iraqi citizens, the project engages private enterprises to solve problems that are constraining their growth and limiting productive employment opportunities. The purpose of this scope of work is to provide client (**KESK Company Ltd.**) with technical support by providing **Software development for Solar Systems monitoring**.

### **2. Offer Deadline and Protocol:** Offers must be received no later than 5:00 PM local Iraq time on **May 22, 2022**, by email only to [tenders@iraqdceo.com](mailto:tenders@iraqdceo.com).

Please reference the RFQ number in any response to this RFQ. Offers received after the specified time and date will be considered late and will be considered only at the discretion of Chemonics.

### **3. Questions:** Questions regarding the technical or administrative requirements of this RFQ may be submitted no later than **5:00 PM local Erbil time on Sunday, May 15, 2022**, by email to [dceoprocurement@iraqdceo.com](mailto:dceoprocurement@iraqdceo.com). Questions must be submitted in writing; phone calls will not be accepted. Questions and requests for clarification—and the responses thereto—that Chemonics believes may be of interest to other offerors will be circulated to all RFQ recipients who have indicated an interest in bidding.

Only the written answers issued by Chemonics will be considered official and carry weight in the RFQ process and subsequent evaluation. Any verbal information received from employees of Chemonics, or any other entity should not be considered as an official response to any questions regarding this RFQ.

### **4. Scope of Work:** Section 3 contains the Scope of Work for the required services.

### **5. Quotations:** Quotations in response to this RFQ must be priced on a fixed-price, all-inclusive basis. Prices must be presented in USD. Prices must be inclusive of all costs (including worker's compensation insurance mandated by U.S. Defense Base Act (DBA insurance)). Offers must remain valid for not less than thirty (90) calendar days after the offer deadline. Offerors are requested to provide quotations on their official quotation format or letterhead; in the event this is not possible, offerors may complete the table in Section 3.

In addition, offerors responding to this RFQ are requested to submit the following:

- Organizations responding to this RFQ are requested to submit a copy of their official registration or business license.
- Individuals responding to this RFQ are requested to submit a copy of their identification card.
- A minimum of three (3) references (with name and contact information) indicating the relevant services carried out in the last three (3) years that best illustrate organization/individual's qualifications and past performance. References from USAID or similar donor-funded projects are preferred. Independent verification of the references may

be carried out. Chemonics reserves the right to obtain past performance information from sources other than those identified by the offeror.

- Narrative description of past performance for similar services.
- Official quotation, including price, specifications of offered commodities (see Section 3 below for example format) and 3 past performance references.
- Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting Questionnaire, signed by an authorized representative of the offeror (see Section 5 for questionnaire)

The price quotation be submitted separately from above documents. All other parts of this quotation must not make reference to pricing data in order that the technical evaluation may be made strictly on the basis of technical merit.

6. **Delivery:** As part of its response to this RFQ, each offeror is expected to provide an estimate (in calendar days) of the delivery timeframe (after receipt of order). The delivery estimate presented in an offer in response to this RFQ must be upheld in the performance of any resulting contract

7. **Source and Authorized Geographic Code :**

a) All services offered in response to this RFQ or supplied under any resulting award must meet **USAID Geographic Code 937** in accordance with the United States Code of Federal Regulations (CFR), [22 CFR §228](#). The cooperating country for this RFQ is **Iraq**.

Offerors may not offer or supply services or any commodities that are manufactured or assembled in, shipped from, transported through, or otherwise involving any of the following countries: Cuba, Iran, North Korea, Syria.

Any and all items that are made by Huawei Technology Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, Dahua Technology Company will not be accepted. If quotes include items from these entities please note that they will be deemed not technically responsive, and excluded from competition.

b) The USG has implemented a blanket prohibition on providing direct government financing to international solar projects that source from suppliers that are the subject of a [withhold release order](#) (Hoshine Silicon Industry), on the Commerce Entity List, or otherwise sanctioned for their use of forced labor. The PRC energy companies that were added to the Commerce Entity List for their ties to forced labor are found below.

NOTE: Offerors may not purchase from any of the Suppliers listed below without advance written approval from Chemonics/USAID.

- Hoshine Silicon Industry (metallurgical grade silicon and silicon products) - also subject to a WRO
- Xinjiang Daqo New Energy (polysilicon, wafers)
- Xinjiang East Hope Nonferrous Metals (polysilicon, ingots, wafers)
- Xinjiang GCL-New Energy Material (polysilicon, ingots, wafers, cells, modules)
- Xinjiang Production and Construction Corps (state-owned paramilitary organization, electricity supplier)

This does not mean that all PRC-produced solar panels are immediately blocked. Currently, the restriction is just on any panels or products that are directly purchased using USG funds from any of those above companies. Should the purchase of any solar panels or components be required, Chemonics/USAID prior review and written approval is required.

c) **Taxes and VAT:**

The agreement under which this procurement is financed is not exempt from the payment of taxes, VAT, tariffs, duties, or other levies imposed by any laws in effect in the Cooperating Country. Therefore, offerors must include taxes, VAT, charges, tariffs, duties and levies in accordance with the laws of the Cooperating Country.

d) **UEI Number:** Companies or organizations, whether for-profit or non-profit, shall be requested to provide a Unique Entity Identifier (UEI) number if selected to receive an award in response to this RFQ valued greater than or equal to USD\$30,000 (or equivalent in other currency). If the Offeror does not have a UEI number and is unable to obtain one before the submission deadline, Offeror shall include a statement noting their intention to obtain a UEI number should it be selected as the successful offeror or explaining why registration for a UEI number is not possible. Contact sam.gov to obtain a number. Further guidance on obtaining a UEI number is available from Chemonics upon request.

e) **Eligibility:** By submitting an offer in response to this RFQ, the offeror certifies that it and its principal officers are not debarred, suspended, or otherwise considered ineligible for an award by the U.S. Government. Chemonics will not award a contract to any firm that is debarred, suspended, or considered to be ineligible by the U.S. Government.

f) **Evaluation and Basis for Award:** The award will be made to a responsible offeror whose offer follows the RFQ instructions, meets the eligibility requirements, evaluation criteria must be edited as needed; this option is the recommended default): and is determined via a **trade-off analysis** to be the best value based on application of the following evaluation criteria. Points will be awarded for cost which will be primarily evaluated for realism and reasonableness. For overall evaluation purposes of this RFQ, technical evaluation factors other than cost, when combined, are considered more important than cost factors. If technical scores are determined to be equal or nearly equal, cost will become the determining factor.

The relative importance of each individual criterion is indicated by the number of points below:

- **Technical Know How– 20 points:** Chemonics will assess whether the proposal explains, understands, and responds to the objectives of the project as stated in the Scope of Work.
- **Approach and Methodology – 20 points:** Chemonics will assess whether the proposed program approach and detailed activities and suggested timeline fulfill the requirements of executing the Scope of Work effectively and efficiently.
- **Corporate Capabilities- 20 points:** Chemonics will evaluate whether the company experience is relevant to the project Scope of Work.
- **Past Performance – 20 points:** Offerors must include three (3) past performance references of similar work (under contracts or subcontracts) previously implemented as well as contact information for the companies for which such work was completed. Contact information must include at a minimum: name of point of contact who can speak to the offeror’s performance, name and address of the company for which the work was performed, and email and phone number of the point of contact. Chemonics will assess the past performance of the Offerors by contacting three (3) references who may indicate the Offeror's past performance for projects of similar size and scope
- **Price – 20 points:** Overall price of the quotation.

Please note that if there are significant deficiencies regarding responsiveness to the requirements of this RFQ, an offer may be deemed “non-responsive” and thereby disqualified from consideration. Chemonics reserves the right to waive immaterial deficiencies at its discretion.

Best-offer quotations are requested. It is anticipated that award will be made solely on the basis of these original quotations. However, Chemonics reserves the right to conduct any of the following:

Chemonics may conduct negotiations with and/or request clarifications from any offeror prior to award.

- While preference will be given to offerors who can address the full technical requirements of this RFQ, Chemonics may issue a partial award or split the award among various Vendors, if in the best interest of the DCEO Project.
- Chemonics may cancel this RFQ at any time.
- Chemonics may reject all offers, if such action is considered to be in the best interest of Chemonics.

Please note that in submitting a response to this RFQ, the offeror understands that USAID is not a party to this solicitation and the offeror agrees that any protest hereunder must be presented—in writing with full explanations—to the DCEO Project for consideration, as USAID will not consider protests regarding procurements carried out by implementing partners. Chemonics, at its sole discretion, will make a final decision on the protest for this procurement.

g) **Terms and Conditions:** This is a Request for Quotations only. Issuance of this RFQ does not in any way obligate Chemonics, the DCEO Project, or USAID to make an award or pay for costs incurred by potential offerors in the preparation and submission of an offer.

This solicitation is subject to Chemonics' standard terms and conditions. Any resultant award will be governed by these terms and conditions; a copy of the full terms and conditions is available upon request. Please note the following terms and conditions will apply:

- (a) Chemonics' standard payment terms are net 30 days after receipt and acceptance of any commodities or deliverables. Payment will only be issued to the entity submitting the offer in response to this RFQ and identified in the resulting award; payment will not be issued to a third party.
- (b) Any award resulting from this RFQ will be firm fixed price, in the form of a **purchase order**.
- (c) No services or commodities may be supplied that are manufactured or assembled in, shipped from, transported through, or otherwise involving any of the following countries: Cuba, Iran, North Korea, Syria.
- (d) Any international air or ocean transportation or shipping carried out under any award resulting from this RFQ must take place on U.S.-flag carriers/vessels.
- (e) United States law prohibits transactions with, and the provision of resources and support to, individuals and organizations associated with terrorism. The Vendor under any award resulting from this RFQ must ensure compliance with these laws.

## **Section 2: Offer Checklist**

To assist offerors in preparation of the quote, the following checklist summarizes the documentation to include an offer in response to this RFQ:

- Cover letter, signed by an authorized representative of the offeror (see Section 4 for template)
- Official quotation, including proof of technical qualifications, (see Section 3 for scope of work, required technical qualifications, and the template to provide quotations);
- Copy of offeror's registration or business license (see Section 1.5 for more details);
- Contact information for at least three (3) references of past or present clients indicating the relevant services carried out in the last three (3) years that best illustrate company/individual's qualifications and past performance (see Section 1.5 for more details).

- Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting Questionnaire, signed by an authorized representative of the offeror (see Section 5 for questionnaire). This form shall be completed only if the value is over \$30,000

### **Section 3: Scope of Work and Technical Qualifications**

The purpose of this RFQ is to engage the firm to provide software development for Solar Systems monitoring to Chemonics and DCEO Project. The firm shall, and when requested, provide the following services:

#### **1. Software development for Solar Systems monitoring:**

To develop software that enables the owner (KESK) and its users to access real-time energy and carbon emission savings indicators for the solar energy applications and solutions. The software will provide a dashboard with power statistics: WP/hr /Day/ month with details of solar input and grid power consumption, per unit, per project, and per customer. The dashboard will report KESK solar air conditioner indicators including the indoor temperature, temperature controls, operation modes, fan speed regulation, solar power input, grid power input, light on/off, AC limiting option for each unit and combined.

#### **The vendor should provide Annual Support and Service for 12 months include the following:**

- Provide on-demand and periodic operational and maintenance service.
- Answer phone calls and emails to address any questions and requests.

#### **Technical Qualifications that the selected offeror must possess:**

The table below contains the list of services under RFQ. Offerors are requested to provide quotations containing the information below on official letterhead or official quotation format. In the event this is not possible, offerors may complete this Section 3 and submit a signed/stamped version to Chemonics.

#### **Technical Specification:**

#### **The supplied monitoring software must comply with the below-mentioned specification:**

- Supports integration with the Philips Hue, Wemo Insight, Alexa, as well as Kasa HS110 plugs and works on Android and IOS technology/t
- The related hardware must support operating temperature of (-10 to 55) and other device vibrations
- Monitor real-time energy consumption and saving and shares pop-up notification to users for any potential problems
- Monitors system performance and sends a notification via dashboard.
- Supports data collection to enable the dashboard to report the indoor temperature, temperature controls, operation modes, fan speed regulation, solar power input, grid power input, light on/off, AC limiting option.

**Electronic deliveries shall be made by the Vendor to KESK**

#	Description	Scope of work	Service Provided	Period	Unit Price (USD)	Total Price (USD)
1	Research and Development for KESK Hardware Product	Assigning staff to provide full technical information and gather data from the hardware developer and their technical team until the process is complete. <ul style="list-style-type: none"> <li>• Coordinate with the hardware developer to develop the PCB sample for the new KESK solar AC model to export its IOT data to the software.</li> <li>• Conduct research and development and make available all components needed in addition to the software development</li> </ul>		1 month		
2	KESK Web Application Development	<ul style="list-style-type: none"> <li>• Data collection and development of software design.</li> <li>• KESK Web Application Development including:                             <ul style="list-style-type: none"> <li>o Front End</li> <li>o Back End</li> <li>o Database</li> <li>o API Calls</li> </ul> </li> <li>• KESK API Creation based on HTTP Request ONLY. Building a strong API for KESK that listens to HTTP Request listen/send for data</li> <li>• Develop the prototype for KESK</li> <li>• Carry out testing and commissioning</li> <li>• Develop the final Software system and make it fully functional</li> </ul>		2 months		
	Delivery of software, installation, testing, and training	Perform testing to the software including: <ul style="list-style-type: none"> <li>• Functional testing</li> <li>• Code review</li> <li>• Static code analysis</li> <li>• Unit testing</li> <li>• Single user performance</li> <li>• Provide training to staff on how to use a system.</li> </ul>		9 months		
<b>Total Price in USD</b>						



Delivery time (after receipt of order): \_\_\_\_\_calendar days

The delivery estimate presented in an offer in response to this RFQ must be upheld in the performance of any resulting contract.

The prices quoted above remain fixed for the next Three “3” months:  
\_\_\_\_Yes      \_\_\_\_No

**Section 4: Offer Cover Letter**

*The following cover letter must be placed on letterhead and completed/signed/stamped by a representative authorized to sign on behalf of the offeror:*

To: Durable Communities and Economic Opportunities (DCEO)  
Erbil, Iraq

Reference: RFQ DCEO-ERB-TECH-2022-019

To Whom It May Concern:

We, the undersigned, hereby provide the attached offer to perform all work required to complete the activities and requirements as described in the above-referenced RFQ. Please find our offer attached.

We hereby acknowledge and agree to all terms, conditions, special provisions, and instructions included in the above-referenced RFQ. We further certify that the below-named firm—as well as the firm’s principal officers and all commodities and services offered in response to this RFQ—are eligible to participate in this procurement under the terms of this solicitation and under USAID regulations.

Furthermore, we hereby certify that, to the best of our knowledge and belief:

- We have no close, familial, or financial relationships with any Chemonics or DCEO project staff members;
- We have no close, familial, or financial relationships with any other offerors submitting quotes in response to the above-referenced RFQ; and
- The prices in our offer have been arrived at independently, without any consultation, communication, or agreement with any other offeror or competitor for the purpose of restricting competition.
- All information in our quote and all supporting documentation is authentic and accurate.
- We understand and agree to Chemonics’ prohibitions against fraud, bribery, and kickbacks.

We hereby certify that the enclosed representations, certifications, and other statements are accurate, current, and complete.

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

Name and Title of Signatory: \_\_\_\_\_

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

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

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

Company Telephone and Website: \_\_\_\_\_

Company Registration or Taxpayer ID Number: \_\_\_\_\_

Company UEI Number: \_\_\_\_\_

Does the company have an active bank account (Yes/No)? \_\_\_\_\_

Official name associated with bank account (for payment): \_\_\_\_\_

**Section 5: Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting Questionnaire**

If the offeror is selected for an award valued at \$30,000 or above and is not exempted based on a negative response to Section 3(a) below, any first-tier subaward to the organization may be reported and made public through FSRS.gov in accordance with The Transparency Acts of 2006 and 2008. Therefore, in accordance with FAR 52.240-10 and 2CFR Part170, if the offeror positively certifies below in Sections 3.a and 3.b and negatively certifies in Sections 3.c and 3.d, the offeror will be required to disclose to Chemonics for reporting in accordance with the regulations, the names and total compensation of the organization’s five most highly compensated executives. By submitting this quotation, the offeror agrees to comply with this requirement as applicable if selected for a subaward.

In accordance with those Acts and to determine applicable reporting requirements, **Company Name** certifies as follows:

a) In the previous tax year, was your company’s gross income from all sources above \$300,000?

Yes  No

b) In your business or organization's preceding completed fiscal year, did your business or organization (the legal entity to which the UEI number belongs) receive (1) 80 percent or more of its annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; **and** (2) \$25,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?:

Yes  No

c) Does the public have access to information about the compensation of the executives in your business or organization (the legal entity to which the UEI number it provided belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986? (FFATA § 2(b)(1)):

Yes  No

d) Does your business or organization maintain an active registration in the System for Award Management ([www.SAM.gov](http://www.SAM.gov))?

Yes  No

I hereby certify that the above statements are true and accurate, to the best of my knowledge.

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

Name and Title of Signatory: \_\_\_\_\_

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