

Info for Bidders (EuropeAid/174783/DD/ACT/JO) - 21

Date of Announcement: 17/12/2024

Please Note that the Annex of the Info for Bidders contains the Single-span greenhouses Specifications in Arabic Language.

This Information document is published under EuropeAid/174783/DD/ACT/JO Green Innovation Projects as part of the EU support to Green Economy in Response to the Syrian crisis in Jordan 2021– 2024

EDAMA Association has Published a call for the purchase of **Five Single-span Greenhouses for Five Farms in Al-Azraq District** under Green Links project

A. Brief About the Project

Project Key Information

Project Number: EuropeAid/174783/DD/ACT/JO

Title of lot: Green Innovation Projects as part of the EU support to Green Economy in Response to the Syrian crisis in Jordan 2021 - 2024

Title of the action: Green Links Project

Partners: lead partner Business Development Center, EDAMA and CAN

Project Duration: 24 Months

The overarching goal of this project is to foster sustainable resource management through green innovation in Azraq and Zarqa, Jordan. Our focus is on creating an integrated approach to the energy-water-food nexus by employing circular economy strategies, technology-driven solutions, and community involvement. We aim to build a resilient, self-sustaining ecosystem that optimizes resource use, reduces waste, and generates employment opportunities, all while safeguarding the environment.

B. Brief About EDAMA

EDAMA in Arabic means “sustainability”. EDAMA Association is a Jordanian NGO established in 2009. As a Business Association, we are here to cultivate an environment where innovative solutions for energy and water independence and environmental conservation emerge.

Advancing Jordan’s movement towards a green economy is an ambitious and priority goal. To be achieved, we need robust knowledge hubs, multi-stakeholder dialogue avenues, and

private sector mobilization. EDAMA’s niche is in providing a platform agile and inclusive enough to involve a large number of public, private and NGO sector representatives. These key players together discuss and shape the future development of the Energy, Water, and Environment (EWE) sectors in Jordan

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C. Requested Supplies

Regarding the installation of five single-span greenhouses for five farms in Al-Azraq District, specifications are outlined below:

Greenhouse Structure Dimensions

- Length: 40 m
- Width: 9 m
- Middle height: 3.65 m
- Total area: 360 m²
- Side height: 2.10 m

Note: All foundations must be poured 15-20 cm, and a 10 cm Blinding Pour must be made in proportion to the slope of the land and on both facades (front and back) and sides of the house.

Steel Structure Specifications

a. Arches:

- Number of arches: **17 arches**
- Arches are made of **galvanized** pipes with a diameter of **60 mm**, a thickness of 2 mm, and verticals of **2 mm**.
- The **distance** between all arches is **2.5 m**.
- Each arch consists of **four pieces**: two verticals and two arches.

b. Longitudinal supports:

- The arches and longitudinal supports are connected by crossbars with a diameter of 55 mm and a thickness of 2 mm.
- The longitudinal supports are made of pipes with a diameter of 32 mm and a thickness of 1.5 mm.

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c. Installation accessories:

- All fasteners and screws are **galvanized** and of excellent quality.

d. Crop holders:

- The holders are made of galvanized pipes with a diameter of **32 mm** and a thickness of **1.5 mm**.
- They are installed on all arches **except** the first and last arches.
- Crop holder hanger number 3 for each rack.

e. Stiffeners and ground foundations:

- Easy to install the house using special stiffeners with a thickness of **2 mm** **without** using **any welding point**.
- Upper stiffeners are made of pipes with a diameter of 55 mm and a thickness of 2 mm.
- Ground foundations are made of pipes with a thickness of 60 mm and 2 mm and are poured with concrete foundations.

f. Facades

- Made of windbreaks and a cross pipe.
- Crosses between the columns X diameter 32 mm and a thickness of 1.5 mm.
- The front facade is made of galvanized tubes measuring 30 x 30 x 1.5 mm, and the facade is prepared to install **two** 53-inch suction fans.
- The back facade is made of galvanized tubes measuring 30 x 30 x 1.5 mm and prepared to install cooling frames.
- Facades are supported by 1-inch pipes, 1.5 mm thick.

g. Doors

- The door in the middle of the house is a **sliding door** made of galvanized tubes; 1.5 mm thick. With a sterilization/service room and covered with **polycarbonate**.

h. Stiffeners:

- The arches are connected using stiffeners (upper) made of pipes with a diameter of 55 mm and a thickness of 2 mm.
- The ground bases are stiffeners made of pipes with a diameter of 55 mm and a thickness of 2 mm.
- A pipe is added using **electric** welding to allow the overlap of the longitudinal purlins, and they are made of pipes with a thickness of 2 mm.

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Cover:

- The ceiling cover is made of high-quality **agricultural plastic**, 200 microns thick. Treated against **ultraviolet** rays.
- Both Facades (Front and Back) are covered with transparent agricultural polycarbonate, 6 mm thick. Anti-UV treated.
- The sides are covered with transparent agricultural polycarbonate, 6 mm thick. Anti-UV treated.
- Includes sheet metal closures, self-tightening screws for installation, and an H-shaped profile between the panels

Cooling system:

- Two suction fans, high quality, with a suction capacity of 41100 m³/h, measuring 53 inches.
- High-quality cardboard cooling cells measuring 10 cm * 60 cm * 200 cm.
- An air distribution fan high quality is added to each house, measuring 21 inches.
- An electrical control panel for the entire house to control the fans and pump according to the temperature with a temperature sensor.
- High quality half horsepower cooling water pump
- Electrical cables for internal connections of the house include sleeves to protect the cables, not including the main cable connected to the panel.
- Galvanized steel cooling frames 1.5 mm thick, with a perforated pipe added to distribute water 6 m long.

Important notes:

The offer must include all the following:

1. Transportation fees to the Azraq area.
2. Construction and civil works for foundations and construction materials.
3. Installation fees.
4. Ground leveling.
5. Delivery period should be no later than two weeks from accepting the offer.

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6. The warranty should be for a minimum of one year after delivery and full operation.

D. ToR Timeline

Milestone	Date	Time (Jordan's time)
Publishing the ToR	17.Dec.2024	16:00
Deadline for questions	23.Dec.2024	23:59
Release of answers to questions	26.Dec.2024	15:00
Deadline for offers	02.Jan.2025	12:00

E. Eligibility Requirements:

- The tenderer must be a registered company with prior experience in the installation and implementation of similar projects and supplying similar equipment. The Registration certificate must clearly state the eligibility of implementing greenhouses projects.
- The tenderer is required to submit a copy of the company registration certificate, along with a list of relevant past projects. The list should include the project info, a brief description, pictures of projects, and the year of implementation.
- The country of origin for the supplied products should be either locally made or EU made.

F. Offer Submission (according to EU Procurement guidelines)

1. Submission Method: The bidders should submit two separate closed, sealed, stamped and signed envelopes. One Financial Offer and One Technical Offer as per the published templates.

- **By Hand:** The bidder should submit **closed, sealed, stamped, and signed** envelopes to the tenders closed box at EDAMA's physical office address as follows: **Address:** 1st floor, 8- Yousef El Sukkar Street.
- **Or By Email:** The bidder may also submit the technical offer via email. The email should include **protected** documents (e.g., password-protected PDFs). The password to open the documents must be shared with EDAMA on the day of the tenders opening.
Address: info@edama.jo

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2. Envelope Labelling and Contents:

- The Technical Offer and Financial Offer envelopes must contain all information regarding the technical offer and financial offer.
- Each envelope must have the following details clearly labelled:
 - The company logo.
 - An authorized signature.
 - The company stamp, clearly visible.
 - Name of the Focal Point in EDAMA: Musab Al Najjar
 - Name and Address of the Tenderer.
 - Title of the Technical offer as follows: "The Technical Offer – Single-span/EuropeAid/174783/DD/ACT/JO Green Links_EDAMA."
 - Title of the Financial offer as follows: "The Financial Offer – Single-span/EuropeAid/174783/DD/ACT/JO Green Links_EDAMA."
 - Project Reference Number as follows: EuropeAid/174783/DD/ACT/JO Green Links_EDAMA.

3. Offers Guidelines:

- The Technical Offer must not contain any information related to the financial offer. Failure to comply will result in the bidder's disqualification.
- Each tenderer is allowed to submit only one technical offer and one financial offer separately.
- The Offers may be submitted in either English or Arabic, but both the technical and financial offers must be submitted in the same language.

G. Evaluation Accepted Criteria.

Offers will be evaluated based on identifying the best price for the best quality offer. The evaluation will prioritize cost-effectiveness while ensuring that the highest quality standards are met, and will be determined as follows:

Technical Offer	80%
Financial offer	20%
Total	100%

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H. Contract Mechanism

EDAMA anticipates awarding a fixed-price purchase to the tenderer whose quote will be evaluated based on offering the best value for best quality. The payment schedule will be based upon deliverables to be determined during the award stage.

I. Administrative Issues

1. Supplier will commit to all policies govern EDAMA, CAN, BDC and UNCHR.
2. Additional details of rules, regulations and conditions will be attached to the contract.

J. Disclaimers:

- a. Prior to the submission deadline, EDAMA reserves the right to:
 - Modify, delete, or add any term in this ToR.
 - Extend the ToR deadline.
- b. EDAMA may reject any or all offers received after the submission deadline.
- c. At any time prior to the execution of the Contract with the successful Tenderer, EDAMA reserves the right to the following:
 - Request clarifications from Tenderers to their Offers
 - Negotiate with multiple Tenderers on the terms of their Offers.
 - Terminate this ToR upon its perspective without declaring and without any legal consequences, and the Tenderers have no right to object.
- d. The Tenderer has no right to object to the technical and financial evaluation criteria.
- e. EDAMA reserves the right to issue award based on initial evaluation of offers without further discussion.
- f. EDAMA may choose to award only part of the activities in the solicitation, or issue multiple awards based on solicitation activities.
- g. EDAMA reverse the right to waive minor offer deficiencies that can be corrected prior to award determination to promote competition.
- h. Final price shall be clear and in JOD

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