



**INTERNATIONAL CENTER FOR BIOSALINE AGRICULTURE**

# **ICBA GREENHOUSE MAINTENANCE WORKS**

## **Request for Proposals**

RFP18-0012-ICBA Greenhouse Maintenance Works

Procurement Section  
009714336110  
Procurement@biosaline.org.ae

International Center for Biosaline Agriculture - ICBA is an international, non-profit organization that aims to strengthen agricultural productivity in marginal and saline environments through identifying, testing and facilitating access to sustainable solutions for food, nutrition and income security.

## **I. GENERAL INFORMATION**

### **1.1 Purpose**

The International Center for Biosaline Agriculture (ICBA) has two greenhouses and seeks written proposals from qualified vendors able to perform major maintenance work for it. Proposers must be able to comply with terms and conditions presented in the scope of work.

### **1.2 Instruction to Bidders**

Bidders are requested to read the bidding documents carefully to be able to submit a responsive proposal. In submitting the proposal, bidders must respect all instructions, forms and specifications contained in this bidding document. Failure to submit a proposal containing all the required information and documentation within the deadline specified may lead to the rejection of the proposal.

### **1.3 Deadlines**

Deadline for requesting clarifications, meeting, site visit...	October 16, 2017
Deadline for submission of proposals	October 18 ,2017

### **1.4 Submission of Proposals**

Proposals must remain valid and open for the acceptance of ICBA for 90 days from the RFP closing date. Proposals specifying a shorter acceptance period will be considered as non- responsive proposals.

### **1.5 Proposal Contents**

Proposal responses should include the following:

- a. The technical proposal
- b. The financial proposal
- c. The company trade license
- d. 3 Client references
- e. Company Brochure or Website URL
- f. ISO certifications if any

### **1.6 Validity of Proposal**

Proposals must remain valid and open for the acceptance of ICBA for 90 days from the RFP closing date. Proposals specifying a shorter acceptance period will be considered as non- responsive proposals.

### **1.7 Incomplete and Late Offers**

Incomplete and late proposals will not be accepted. It is the bidder's responsibility to ensure that the proposal is submitted complete, on time and in accordance with the RFP terms and conditions.

### **1.8 Inquiries**

Bidders may submit questions in writing through e-mail to the following address and before the deadline stated in the table of tender deadlines:

Contact name : Ms. Jinky Aglipay  
Procurement Assistant  
Tel. no. : 009714 3361155- Ext. 313  
Email : [Procurement@biosaline.org.ae](mailto:Procurement@biosaline.org.ae)

Any clarification issued by ICBA will be published on ICBA Procurement [www.procurement.biosaline.org](http://www.procurement.biosaline.org) before closing date. No further clarifications will be given after that date.

Any prospective bidders seeking to arrange individual meetings with ICBA or any of its employees concerning this contract during the bidding period may be excluded from the bidding process.

### **1.9 Alteration of Proposals**

Bidders may alter their proposals by written notification prior to the deadline for submission of proposals stated in this RFP. No proposals may be altered after this deadline.

### **1.10 Eligible Bidder**

Bidders considered eligible to submit proposals are defined as follows:

- Entity/organization that is legally registered to do business in UAE and can provide a valid certificate of legal registration/ trade registration license.
- Bidder must Have the technical and financial capacity to perform this Contract successfully.

### **1.11 Costs for preparing proposals**

Under no circumstances ICBA will not be liable for any costs incurred in connection to the preparation and submission of proposals even if ICBA decides to reject all the proposals or cancel the bid.

### **1.12 Clarification**

During the evaluation process, ICBA may request additional information and samples from bidders if it is necessary for further clarifications in regard to the submitted proposal.

### **1.13 Evaluation of proposals**

Each Proposal will be first examined against the criteria below:

- Legal documents compliance
- Clients references feedback
- Company similar previous projects
- Technical proposal compliance with the scope of work
- Financial/Commercial proposal

### **1.14 Amendments**

During the proposal submission period, if ICBA decides to modify/change any requirement/s of the RFP, the modification/s shall be released through the issuance of an amendment to the RFP. Any amendment will be issued in writing and will be sent to all bidders.

### **1.15 Confidentiality**

The entire evaluation procedure is confidential, and all proposals are for official use only and may be communicated neither to the bidders nor to any party other than ICBA.

### **1.16 Bid Cancellation**

ICBA has the right at any stage in the bidding process to cancel the whole bid without the need to give a justified reason to any of the bidders. Bidders will be notified in writing of the cancellation.

### **1.17 Discussion/Negotiation**

ICBA may initiate discussions should clarification or negotiation be necessary. Bidders should be prepared to provide qualified personnel to discuss technical and contractual aspects of the proposal.

### **1.18 Award Letter & Contract**

ICBA reserves the option of contracting only for a portion of the specified project scope or of not awarding a contract to any bidder. Final approval to enter into a contract, the contract form and the scope of services to be provided pursuant to the contract, rests with ICBA. A contract may be awarded to more than one bidder based on the quality of the proposals and ICBA's needs. Please note that an award letter is not a contract and can be withdrawn at ICBA sole discretion.

Bidder's Failure to accept the award at the time of receiving notification from the bidder will give ICBA the right to award the tender to the next bidder.

### **1.19 Bidder Responsibility**

It is the responsibility of each bidder before submitting a proposal:

- To examine thoroughly the contract documents and other related data identified in the proposal documents.
- To consider federal and local laws and regulations that may affect costs, progress, performance or furnishing of the service.
- To promptly notify the Procurement Section of all conflicts, errors, ambiguities, or discrepancies in or between the contract documents and such other related documents.

### **1.20 Governing Law and Language**

This Tender is subject to and shall be construed according to the applicable laws and regulations of the United Arab Emirates. The bid documents and all notices pursuant to the provisions thereof shall be in English.

## **II. SCOPE OF WORK**

### **2.1 ICBA GREENHOUSE MAJOR MAINTENANCE**

ICBA has two greenhouses with dimensions of 8 W X 34 L wall Height is 2.5 and the Arc Middle point height is 4.5. These greenhouses have polycarbonate sheets on the walls and plastic cover sheet on the rooftop including a pad and fan cooling system.

Please refer to Annex A for photos of the Greenhouse 1 & 2:

Requirement for major maintenance for Greenhouse 1 & 2.

- Remove the current polycarbonate from the wall for greenhouses.
- Remove the current plastic sheet for the rooftop for greenhouses.
- Remove the current pads for the cooling system and fans for greenhouses.
- Paint the current steel structure of Greenhouses using galvanized paint.
- Supply and install new polycarbonate sheet for the walls and rooftop (the technical specifications mentioned below) for greenhouses.

- Supply and installation of new pad and fan cooling system with water chiller on the cooling tanks including water pumps, control panel for the water chiller (refer to technical specifications below) for Greenhouses (NOTE: The water tank is not required ICBA will provide for greenhouses)
- Supply and installation of the control panel, electrical panel and digital thermostat for the cooling system for greenhouses.
- Adjusting of greenhouses entrance to slide doors covered by polycarbonate

#### Technical Specifications

- All bolts and nuts supplied should be hot dip galvanized
- Double doors entrance:

Items	Unit	Description
Number of Entre-room	Nr	1
Enter-Room width	m	2.4
Enter-Room length	m	2
Enter-Room height	m	2.4
A number of sliding doors.	Nr	2

- Greenhouse covers

The greenhouse cover including the entrance room will be covered completely with double layers' x 6mm thickness thermo clear polycarbonate sheets. The thermo clear sheet has on one side a unique proprietary UV – protection surface, given strong resistance to outdoor weathering. The polycarbonate plate will connect to each other by H profile which has the same specification as the plate. Although the Polycarbonate sheets transmit a high percentage of the light transmission 80%, it withstands temperatures ranging from -50°C to +100°C. The top end channels are sealed with perforated filter tape an addition U profile can be installed to cover the perforated filter.

- Air Exhausting Fans

Items	Unit	Description	
Location		Front gable	Arch front wall
Bay Width	m	8	8
Number of Bays	No.	1	1
Number of fans / bay	No.	2	1
Total no. of fans /greenhouse	No.	2	1
Fans Dimension	Cm	138X138X40	95X95X40
Automatic shutter	AV	+	+
Motor power	HP/KW	1.5/1.1	0.75/0,55
Voltage	V	230/400	230/400
Air flow	³m/h	42,000/44500	14680

Propeller Dia.	inch	53/50	30
Fan steel materials		Hot deep galvanized	Hot deep galvanized
Number of blades	Blade	6	6

- Cooling pads dimensions and specifications

The cooling pad walls are composed of the following elements

1. Mainly cooling pads, made of fluted cellulose sheets glued together. Cellulose is chemically impregnated with special compounds.
2. Piping with holes 5 mm every 75 mm – placed in the top gutter - to supply water to the pads.

Items	Unit	Description
Location		Greenhouse End wall
Bay Width	2.1 m	2.2 8
Number of Bays	No.	1
Cooling pads length	m	8
Cooling pads thickness	cm	20
Cooling pads height	cm	200
Surface	m <sup>2</sup>	16
No. of hp of the recirculation pump	hp	3hp
Electrical power /pump	KW	202
Water flow / pump	m <sup>3</sup> /h	21
No. of the recirculation pump	No.	1
Water Chiller capacity	Tons	2.5

Important Notes:

- The supplier should come and take actual measurements.
- The supplier must be licensed and certified to do this work.
- The supplier needs to provide all the materials required to do the scope of work.
- The supplier has to provide an approved sample for all the materials that will be used in the work area and must have confirmation approval from ICBA facility unit the job starts.
- The supplier must bring all the tools required to do work.
- The timeline for the project is 10 to 15 working days from the day of signing the contract.
- The supplier must provide warranty for the following;
  - Painting work: minimum one year from date of completion.

- Polycarbonate: minimum 5 years.
- Pad and Fan cooling system: minimum 3 years.
- Water chiller: minimum 3 years.

Contractor must meet the highest standards prevalent in the Greenhouse industry.

## **2.2 Pricing**

Proposal prices should include all costs to complete the required work in accordance with the scope.

All Proposal' prices should be in AED.

## **ANNEX A**

ICBA GREENHOUSE 1 & 2 PHOTOS;











