



**INTERNATIONAL CENTER FOR BIOSALINE AGRICULTURE**

## **ICBA Wireless Infrastructure in Outdoor Areas**

### **Request for Proposals**

Procurement Section  
0097143046300  
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 Background and Purpose

1. The purpose of this RFP is to invite qualified, experienced and reputable companies to provide us with proposals for the Implementation of a Wireless Infrastructure in ICBA Outdoor Fields.

### 1.2 Deadlines

<b>Deliverable</b>	<b>Deadline</b>
Closing date for clarifications	<b>09/09/2019</b>
Closing date for submission of proposals	<b>12/09/2019</b>

### 1.3 Submission of Proposals

Submissions should be handed over in a plain sealed envelope marked RFP : "Implementation of Wireless Infrastructure in ICBA Outdoor Fields" to ICBA's head office reception or shared through the ICBA Procurement portal: <https://procurement.biosaline.org>

### 1.4 Proposal Contents

Proposal responses should include the following:

- a. The Bidder company valid trade license
- b. Technical Proposal
- c. Financial Proposal
- d. Portfolio of similar jobs
- e. If additional services are proposed, they should be identified separately

### 1.5 Validity of Proposal

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

### 1.6 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.

### 1.7 Inquiries

Bidders may submit questions in writing through e-mail to the following address and before the deadline stated above:

Contact name: Ms. Imane Boujidane  
Head of Procurement  
Tel. no. : 009714 304 6301  
Email : [Procurement@biosaline.org.ae](mailto:Procurement@biosaline.org.ae)

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

## **1.8 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.

## **1.9 Eligible Bidder**

Bidders considered eligible to submit proposals are defined as follows:

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

## **1.10 Costs for preparing proposals**

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.

Issuance of this RFP in no way constitutes a commitment by ICBA to award a contract.

## **1.11 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.

## **1.12 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.

## **1.13 Confidentiality**

The entire evaluation procedure is confidential, and all proposals are for official use only and may not be communicated either to the bidders or to any party other than ICBA.

## **1.14 Bid Cancellation**

ICBA has the right at any stage of 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 cancellations.

## **1.15 Discussion/Negotiation**

ICBA will 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.

## **1.16 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's sole discretion.

The bidder's failure to accept the award at the time of receiving notification will give ICBA the right to award the tender to the next bidder.

### 1.17 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.

### 1.18 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 The project scope is;

1. Design and implement wireless network infrastructure in outdoor ICBA agriculture fields.
2. Implementation of outdoor industrial fiber switches (should have long term support lifecycle) that can enable to install CCTV, wireless access points, IoT, and devices to capture big data in the outdoor research fields.
3. ICBA will only consider proposals for wireless technologies that work under temperature range between 20 – 70 degrees centigrade, can withstand harsh weather conditions for 4-6 years in desert environment”.
4. Vendors can quote using only **ONE** technology; any vendor found at any stage of the project quoted for multiple technology solutions will be immediately disqualified and blacklisted to bid for any future projects.

### 2.2 Requirements for Fiber Optic Solution:

The vendor will perform an initial survey to:

- Propose, design, implement, configure and support the best cost-effective and long-term wireless solution to cover the fields mentioned in Annexure;
- All-access points should be managed via a centralized management controller.
- The coverage areas not mentioned in the annexure 1 (15 outdoor, 1 indoor access points), but part of the project are;
  - Soil Museum
  - ICBA landscape area
- The vendor should provide complete BOQ of items with a detailed description of services, warranty, and implementation charges;
- The vendor should specify power requirements (if any) separately;
- Following conditions (but not limited to) should be mentioned in the proposal;
  - Model and technical information on the wireless access point equipment. All access points should be POE (power over ethernet) capable.
  - Model and technical data of fiber optic switches; They should support future requirements like CCTV network and IoT devices connectivity.
  - Model and technical details of data center fiber switches for network uplinks;
  - The vendor should provide the best effort coverage area estimate per access point in the proposal according to annexure 1;

- The vendor will work with fiber optic deployment team (Chosen by ICBA) for the installation of switches, wireless access points, and any other equipment (if required) in the field.

### **2.3 Out of Scope;**

Fiber optic pulling and installation. Configuration of core switches, firewalls, and other infrastructure servers.

### **2.4 Deliverables:**

ICBA expect following deliverables from the vendor;

1. Vendor must provide a project plan, product delivery plan, milestones, and timelines for the project
2. The vendor will provide complete implementation documentation, network diagrams and configuration documents
3. The vendor will provide a project completion report with all the above mentioned required project documentation. ICBA IT team will verify the work and test connectivity before signing off.

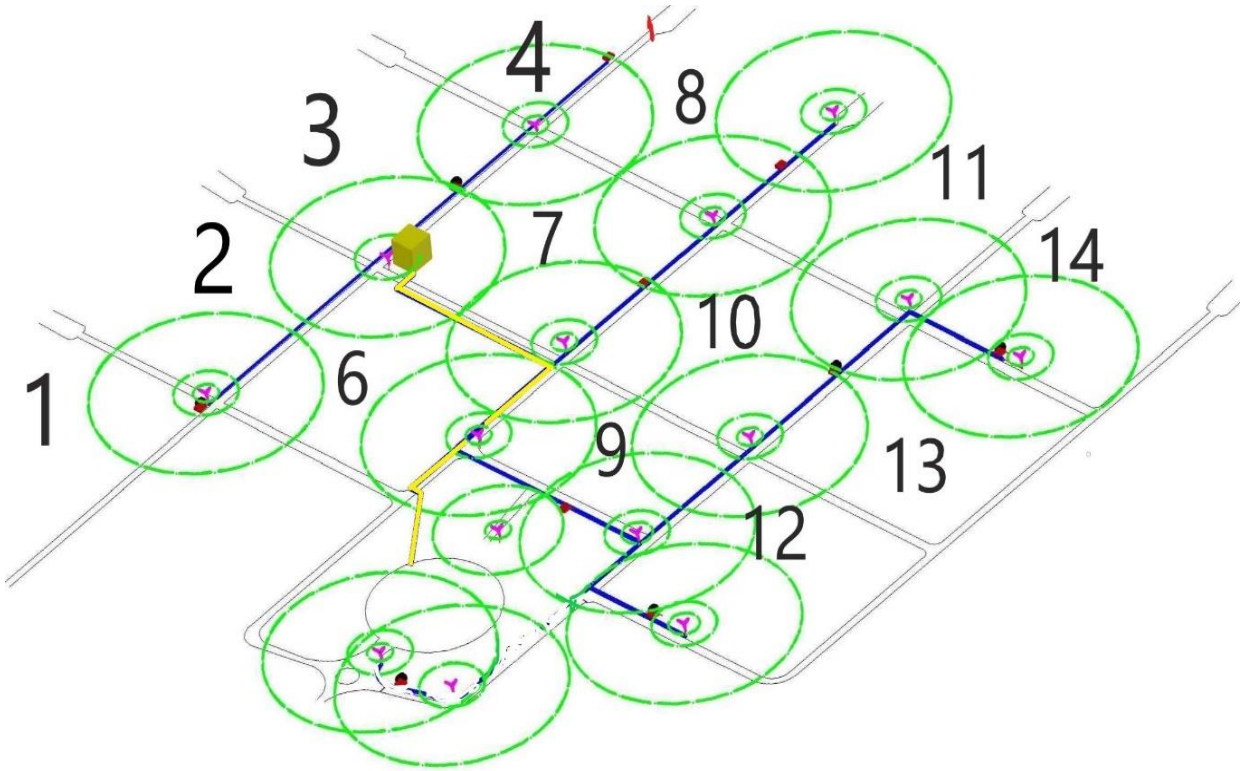
### **2.5 Experience**

The bidder should describe its Wireless Infrastructure experience, references, including the names, addresses, contact persons and telephone numbers of at least three clients, preferably including clients for similar projects.

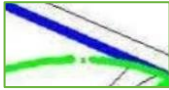

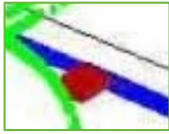
### **2.6 Pricing**

The financial proposal should be in the UAE Currency (AED). Any "other/additional services" should be priced separately.

**Annexure 1: Map of the cable path and estimated coverage area**

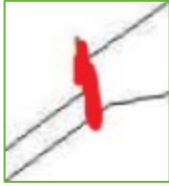


**Legend:**

1.  Blue lines are for new fiber optic cables path
2.  Yellow line is the existing fiber optic path
3.  IDF box location



4. Wireless AP Poles locations for wireless



5. Empty Pole location for future enhancement

