

INTERNATIONAL CENTER FOR BIOSALINE AGRICULTURE

Indoor wireless upgrade

Request for Proposals

Procurement Section
0097143046331
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

The International Center for Biosaline Agriculture (ICBA) is an international, non-profit research-for-development 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.

The purpose of this RFP is to invite qualified, experienced, and reputable companies to provide us with proposals for the indoor wireless network upgrade project.

1.2 Deadlines

Deliverable	Deadline
Closing date for clarifications/site visits	7 th February 2021
Closing date for submission of proposals	11 th February 2021

1.3 Submission of Proposals

Submissions should be handed over in sealed envelopes marked: **Technical proposal for RFP for indoor wireless upgrade** and **Financial proposal for RFP for indoor wireless upgrade** 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:

- Bidders company valid trade license
- Technical Proposal
- Financial Proposal
- Portfolio of similar jobs
- 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. Zareen Nyambura
Procurement Assistant
Tel. no. : 009714 304 6331
Email : 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.
- Bidder must have the technical and financial capacity to perform the 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 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 proposal 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 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.

1.19 Pricing

The financial proposal should be in the UAE Currency (AED) and submitted separately from the technical proposal. Any “other/additional services” should be priced separately.

1.20 Evaluation of proposals

ICBA shall conduct a comprehensive, fair, and impartial evaluation of proposals received in response to this RFP.

All proposals that are properly submitted will be evaluated by the Technical Evaluation Committee and the Procurement Committee.

All proposals that are properly submitted will be evaluated using the evaluation criteria listed below.

Range	Weight	Criteria
Non price	70%	<ul style="list-style-type: none"> • Clear models description and maintenance as per the BOQ • Three years smart net 8x5xNBD and license cost for all the Cisco access points, switches and other equipment • Project implementation plan and estimated delivery plan • Provide cisco partnership active status documentation • Company profile and client references
Price	30%	<ul style="list-style-type: none"> • Competitive price

II. SCOPE OF WORK

The scope of work and the indoor wireless design is as attached.

ANNEX A – Scope of work for indoor wireless upgrade

ANNEX B - Indoor design

TOR For Indoor Wireless Network Upgrade Project

Scope:

International Center for Biosaline Agriculture (ICBA) scope of the project:

1. The vendor shall propose Cisco equipment for indoor wireless upgrade solution which will support GCC weather conditions according to the building diagram (annex-1);
 - a. Access point locations are approximately marked;
 - b. Vendor can propose better location for the access points;
2. The vendor shall propose the cost of Cisco devices, models, as mentioned in the BOQ;
3. Only direct Cisco partners verifiable from the Cisco website will be eligible to quote for this project;
4. At any stage of the project, if found that the vendor partnership status with Cisco is not valid or quoting for any gray market Cisco equipment, the vendor quotes or work done will be rejected and contract will be terminated immediately without any payment;
5. Vendor shall include the following in the quote:
 - a. **THREE years smart net 8x5xNBD and all licenses cost** for all the Cisco equipment mentioned in BOQ;
 - b. The vendor will mention in the quote the model and complete technical details related to the product;
 - c. The vendor will mention implementation costs, any configuration cost, any service changes, and L2 support charges valid till the smart net active period;
 - d. The vendor will be responsible for all the following configurations:
 - I- All settings and configuration related to Cisco ISE, including TACACS configuration:
 - a. Corporate WLC configuration;
 - b. Guest WLC configuration (WLC provided by ICBA);
 - i. Vendor will advise the best authentication and authorization solution for Guests;
 - c. Guest portal configuration;
 - d. Integration of ISE with AD for corporate users;
 - i. Non corporate device configuration with Corporate WLC;
 - e. AAA Server Configuration;
 - f. Installation and configuration of any other requirements for the proposed solution;
 - II- All settings related to Cisco firepower security features will be required to monitor and analyze the new wireless infrastructure;
 - III- All settings related to all wireless access points indoor and existing outdoor AP connect with ISE;
 - IV- All settings related to core, distribution, and outside (firewall) switches to enhance the wireless infrastructure security;
 - V- Any other configuration deemed necessary for IT infrastructure in the scope of this project;
6. The vendor will be responsible to mention the power requirements for all the equipment clearly;

7. The vendor will be responsible for mounting, installing all the wireless equipment, network switches, power, and any hardware or software required for the solution to work;
8. The vendor is responsible for providing detailed configuration document, design document, project plan, invoices, delivery notes, smart net information, and support for the equipment;
9. The vendor will be responsible for the installation of the pole for the wireless equipment (if required);
10. The vendor will be responsible for the installation of network cables that include but not limited to; conduits, LAN cables, switch cabinets, switches, patch cords, faceplates, media converters, indoor/outdoor access points, wireless controllers, connectivity with the core switch and any other requirements according to the design;
11. The vendor is responsible for removing all the old wireless equipment from the building and handover to ICBA IT;
12. ICBA facility team will check the contractor staff's temperature, and if they noticed any one of the contractor staff his temperature more than 38 C, they would immediately ask him to leave the ICBA campus and not come back;
13. The contractor should follow the precautionary measures in ICBA for COVID19 and provide his staff with masks, gloves...etc.

Important Note:

- **The building design with installation location shared is only to provide a visual representation of the requirements. The physical aspects may differ**
- **The BOQ is preliminary and vendor can propose solution according their industry experience**
- **The vendor shall quote with a clear description for each item and services**

BOQ for Indoor Wireless:

Wireless Guest Controller			
1.0	C9800-L-C-K9	Cisco Catalyst 9800-L Wireless Controller_Copper Uplink	1
1.0.1	CON-SNT-C9800LCL	SNTC-8X5XNBD Cisco Catalyst 9800-L Wireless Controller	1
1.1	SC9800LK9-1612	C9800L UNIVERSAL (NETWORK ESSENTIALS)	1
1.2	AIR-DNA-E-PROMO	Wireless Cisco DNA On-Prem Essential, Term, PROMO Lic	1
1.2.0.1	DNA-E-PROMO-3Y	Wireless Cisco DNA On-Prem Essential,3Y Term, PROMO Trk Lic	1
1.3	PI-LFAS-AP-T	Prime AP Term Licenses	1
1.3.0.1	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	1
1.4	AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic	1
1.4.0.1	AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic	1
1.5	AIR-DNA-NWSTACK-E	AIR CISCO DNA Perpetual Network Stack	1
1.6	C9800-AC-110W	Cisco Catalyst 9800 L Wireless Controller Power Supply	1
1.7	CAB-AC-C5-UK	AC Power Cord, Type C5, UK	1
1.8	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1
2.0	AIR-DNA	CISCO DNA for Wireless - CHOOSE ONLY QTY 1 HERE	1
2.0.1	AIR-DNA-TRK-3Y	CISCO DNA Wireless Term Tracker 3Y	1
2.1	AIR-DNA-E	Wireless Cisco DNA On-Prem Essential, Term Lic	19

2.1.0.1	AIR-DNA-E-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term Lic	19
2.2	PI-LFAS-AP-T	Prime AP Term Licenses	19
2.2.0.1	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	19
2.3	AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic	19
2.3.0.1	AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic	19
2.4	AIR-DNA-NWSTACK-E	AIR CISCO DNA Perpetual Network Stack	19
Indoor Access Points			
3.0	C9115AXI-E	Cisco Catalyst 9115AX Series	26
3.0.1	CON-SNT-C9115XIA	SNTC-8X5XNBD Cisco Catalyst 9115AX Series	26
3.1	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	26
3.2	SW9115AX-CAPWAP-K9	Capwap software for Catalyst 9115AX	26
3.3	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	26
3.4	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	26
3.5	PROMO-E-C9115	Aironet AP Term Licenses for Tracking	26
3.5.0.1	PROMO-E-3Y-C9115	C9115AX CISCO DNA Essentials 3 Year Term License	26
3.6	AIR-DNA-E-PROMO	Wireless Cisco DNA On-Prem Essential, Term, PROMO Lic	26
3.6.0.1	DNA-E-PROMO-3Y	Wireless Cisco DNA On-Prem Essential,3Y Term, PROMO Trk Lic	26
3.7	PI-LFAS-AP-T	Prime AP Term Licenses	26
3.7.0.1	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	26
3.8	AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic	26
3.8.0.1	AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic	26
3.9	AIR-DNA-NWSTACK-E	AIR CISCO DNA Perpetual Network Stack	26
4.0	C9115AXE-E	Cisco Catalyst 9115AX Series	4
4.0.1	CON-SNT-C91155C9	SNTC-8X5XNBD Cisco Catalyst 9115AX Series	4
4.1	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	4
4.2	SW9115AX-CAPWAP-K9	Capwap software for Catalyst 9115AX	4
4.3	AIR-AP-BRACKET-2	802.11 AP Universal Mounting Bracket	4
4.4	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	4
4.5	PROMO-E-C9115	Aironet AP Term Licenses for Tracking	4
4.5.0.1	PROMO-E-3Y-C9115	C9115AX CISCO DNA Essentials 3 Year Term License	4
4.6	AIR-DNA-E-PROMO	Wireless Cisco DNA On-Prem Essential, Term, PROMO Lic	4
4.6.0.1	DNA-E-PROMO-3Y	Wireless Cisco DNA On-Prem Essential,3Y Term, PROMO Trk Lic	4
4.7	PI-LFAS-AP-T	Prime AP Term Licenses	4
4.7.0.1	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	4
4.8	AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic	4
4.8.0.1	AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic	4
4.9	AIR-DNA-NWSTACK-E	AIR CISCO DNA Perpetual Network Stack	4
4.10	AIR-ANT2524DW-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., White, RP-TNC	16
ISE Appliance (AAA Server)			
5.0	SNS-3615-K9	Small Secure Network Server for ISE Applications	1
5.0.1	CON-SNT-SNS3615K	SNTC-8X5XNBD Small Secure Network Server for ISE Appl	1
5.1	CAB-9K10A-UK	Power Cord, 250VAC 10A BS1363 Plug (13 A fuse), UK	1
5.2	SNS-CPU-4110	2.1 GHz 4110/85W 8C/11MB Cache/DDR4 2400MHz	1

5.3	SNS-HD600G10K12N	600GB 12G SAS 10K RPM SFF HDD	1
5.4	SW-36X5-ISE-K9	Cisco ISE Software Load on SNS-36x5-K9 appliance	1
5.5	SNS-PSU1-770W	770W power supply	1
5.6	SNS-PCI-E-IRJ45	Intel i350 Quad Port 1Gb Adapter	1
5.7	R2XX-RAID0	Enable RAID 0 Setting	1
5.8	SNS-RAID-M5	Cisco 12G Modular RAID controller with 2GB cache	1
5.9	SNS-MR-X16G1RT-H	16GB DDR4-2933-MHz RDIMM/1Rx4/1.2v	2
6.0	ISE-SEC-SUB	Cisco Identity Service Engine Subscription	1
6.1	ISE-E-LIC	Cisco Identity Service Engine Essentials Subscription	250
6.2	SVS-ISE-SUP-B	Basic Support for Identity Service Engine Subscription	1
7.0	L-ISE-TACACS-ND=	Cisco ISE Device Admin Node License	1
Outside Switches			
8.0	C1000-8T-2G-L	Catalyst 1000 8 port GE, 2x1G SFP	2
8.0.1	CON-SNT-C1008T2L	SNTC-8X5XNBD Catalyst 1000 8port GE, 2x1G SFP, LANBas	2
8.1	CAB-ACU	AC Power Cord (UK), C13, BS 1363, 2.5m	2
Transceivers			
9.0	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	16
10.0	SFP-H10GB-ACU10M=	Active Twinax cable assembly, 10m	4
Datacenter Switch Stack			
11.0	C9300-48UN-E	Catalyst 9300 48-port of 5Gbps Network Essentials	2
11.0.1	CON-SNT-C93004UN	SNTC-8X5XNBD Catalyst 9300 48-port of 5Gbps Network E	2
11.1	C9300-NW-E-48	C9300 Network Essentials, 48-port license	2
11.2	SC9300UK9-173	UNIVERSAL	2
11.3	PWR-C1-1100WAC-P	1,100W AC 80+ platinum Config 1 Power Supply	2
11.4	CAB-TA-UK	United Kingdom AC Type A Power Cable	4
11.5	C9300-SSD-NONE	No SSD Card Selected	2
11.6	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses	2
11.6.0.1	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	2
11.7	NETWORK-PNP-NONE	Network Plug-n-Play Opt-Out SKU	2
11.8	PWR-C1-1100WAC-P/2	1,100W AC 80+ platinum Config 1 Secondary Power Supply	2
11.9	STACK-T1-50CM	50CM Type 1 Stacking Cable	2
11.10	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	2
11.11	C9300-NM-8X	Catalyst 9300 8 x 10GE Network Module	2
LAN Switches			
12.0	C1000-16FP-2G-L	Catalyst 1000 16port GE, Full POE, 2x1G SFP	2
12.0.1	CON-SNT-C10016LG	SNTC-8X5XNBD Catalyst 1000 16port GE, Full POE, 2x1G	2
12.1	CAB-TA-UK	United Kingdom AC Type A Power Cable	2
13.0	C1000-8FP-2G-L	Catalyst 1000 8port GE, Full POE, 2x1G SFP	2
13.0.1	CON-SNT-C1008FPG	SNTC-8X5XNBD Catalyst 1000 8port GE, Full POE, 2x1GS	2
13.1	CAB-ACU	AC Power Cord (UK), C13, BS 1363, 2.5m	2

