



REQUEST FOR QUOTES

Parts for Demonstration Farm Greenhouses

**UNDER
THE HYDROPONIC SECTOR DEVELOPMENT IN LEBANON PROGRAM**

FUNDED BY



ASSOCIATE COOPERATIVE AGREEMENT No: 268-A-00-10-00045-00

Quotes Submission Deadline: 5:00 pm (EST), Monday, May 9th, 2011

Item Delivery Deadline (US): Friday, May 27th, 2011

Item Delivery Deadline (Lebanon): June 30, 2011

BACKGROUND INFORMATION

ACDI/VOCA is a private, nonprofit organization that promotes broad-based economic growth and the development of civil society in emerging democracies and developing countries. Offering a comprehensive range of technical assistance services, ACDI/VOCA addresses the most pressing and intractable development problems.

ACDI/VOCA is currently implementing the Hydroponic Sector Development in Lebanon Program which aims to establish a sustainable hydroponic greenhouse sector in Lebanon.

REQUEST FOR QUOTES

ACDI/VOCA is seeking quotes from qualified US vendors for the supply and delivery of PARTS for the 3 hydroponic greenhouses in accordance with the attached specifications.

US MANUFACTURE REQUIREMENTS

In accordance with funding requirements, the PARTS LIST provided must be of US Origin. Vendors must certify that the items to be supplied in their bid are manufactured in the US and must be capable of supplying certificates of origin for the items if selected and required.

US NATIONALITY REQUIREMENTS

Vendors supplying quotes must be US nationals in accordance with the definition of Nationality found in 22 CFR 228.

AMERICAN FLAG SHIPPING

In accordance with funding requirements bidders are required to use U.S. flag commercial ocean vessels to transport the items from the USA to Beirut, Lebanon, to the extent that a U.S. flag vessel is available.

SHIPPING AND DELIVERY

ACDI/VOCA is seeking quotes from qualified vendors for the supply and delivery of the Allied Parts in accordance with the attached specifications, CIF Port of Beirut, Lebanon. ACDI/VOCA reserves the right to request that the materials be shipped to a location in Virginia instead of Lebanon.

Shipping prices must be listed separately in the bids.

The items are to be delivered CIF Port of Lebanon no later than the 30th of June, 2011.

The selected vendor will be required to segregate and mark the items when shipped in accordance with the attached schedule identifying the greenhouse structure they are assigned to (by letter H,S,A and M).

SELECTION CRITERIA

ACDI/VOCA will evaluate bids based on a best value determination, taking into account estimate time for delivery of goods to destination, the quality of goods being provided and the bid price. Only responsive bids meeting the specifications and requirements of this RFQ shall be considered for selection. The quality of the goods as an evaluation factor is weighted approximately equal to that of price. Bidding vendors must be able to deliver the items requested by the delivery date stated above.

ACDI/VOCA may accept any item or group of items of a bid, unless the bidder qualifies the bid by specific limitations. ACDI/VOCA reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the bidder specifies otherwise in the bid.

SUBMISSION REQUIREMENTS

Firms interested in submitting quotes for selection should include, at a minimum, the following information:

- Price Quotes:
 - The price/fees (inclusive of all taxes) and description for the items in accordance with the attached specifications.
 - The price (inclusive of all taxes and fees) for packing and shipping the items to the final destination.
- A certification of the US origin (place of manufacture) of the items to be supplied
- The period required between the issuance of a purchase order and delivery of the items
- Proposed payment terms (final payment terms shall be negotiated with the selected vendor).

SUBMISSIONS AND BID CLOSING TIME

All quotes must be submitted in writing either through fax or by email no later than 5:00pm US Eastern Standard time on Monday, May 9th, 2011. Bids received after the stated closing time may be disqualified.

Submission Address:

Email: hrubeiz@acdivoca.org
Fax: +1 202.469.6257

ADDITIONAL INFORMATION

Questions regarding these RFQ instructions should be directed to Helen Rubeiz, hrubeiz@acdivoca.org.

DISCLAIMER

ACDI/VOCA reserves the right to fund/award any or none of the submitted quotes. No commitment is made either expressed or implied, to compensate applicants for costs incurred in preparing quotes.

ATTACHMENTS

Annex A: Specifications

ANNEX A
Specifications
COMBINED PARTS LIST

GREENHOUSE PARTS DESCRIPTION	Quantity
Co2 Generator - 220 V 50hz	5
Cooling Pad Locks for 4" Pads	120
Cooling Pad Cells - (4" X 2' X 6') - for 80' of opeing*	40
Cooling Pad Flashings, Gutters, etc - for 4" Pads - 80' (24.3 mt) Galvanized**	1
Cooling Pad Water Pump - Extra - 1hp -220V - 50hz - Three Phase	3
Electric Relays (Fans and Heaters) 220 V - 50hz	39
Modine Heater Compatible Poly Distribution Tubes - Perforated - 80'	2
Retracting Overhead Shading System (140' X 72') - 50% Shade - Electric	1
Rolling Benches - 20ft. X 5ft. (6m X 1.5m)	1
Rolling Benches - 20ft. X 6ft. (6m X 1.8m)	3
Rolling Benches - 24 ft. X 6 ft. (7.3m X 1.8m)	3
Rolling Benches - 24ft. X 5ft. (9.1m X 1.5m)	9
Rolling Benches - 30ft. X 5ft. (9.1m X 1.5m)	10
Rolling Benches - 30ft. X 6ft. (9.1m X 1.8m)	26
Thermostat (Fan/Heater - 220 - 50Hz - Three Phase) Single Stage NEMA 4X	32
TOTAL PIECES	295

<i>H</i>	
Description	Quantity
Co2 Generator - Propane - 220 V - 50hz	2
	0
	0
	0
	0
Electric Relays (Fans and Heaters) 220 V - 50hz	13
	0
Retracting Overhead Shading System (140' X 72') - 50% Shade - Electric	1
	0
	0
Rolling Benches - 24 ft. X 6 ft. (7.3m X 1.8m)	3
Rolling Benches - 24ft. X 5ft. (9.1m X 1.5m)	9
Rolling Benches - 30ft. X 5ft. (9.1m X 1.5m)	9
Rolling Benches - 30ft. X 6ft. (9.1m X 1.8m)	3
Thermostat (Fan/Heater - 220 - 50Hz) Single Stage NEMA 4X Thermostat	12
TOTAL PIECES	52

S			
Description			Quantity
Co2 Generator			1
Cooling Pad Locks for 4" Pads			35
			0
			0
Cooling Pad Water Pump - Extra - 1 hp - 220 V 50hz			1
Electrical Relays (Fans and Heaters) - 220 V - 50hz			8
			0
			0
			0
			0
			0
			0
			0
Rolling Benches - 30ft. X 6ft. (9.1m X 1.8m)			10
Thermostat (Fan/Heater - 220 - 50Hz) Single Stage NEMA 4X Thermostat			6
		TOTAL PIECES	61

A			
Description			Quantity
Co2 Generator - 220 V 50hz			1
Cooling Pad Locks for 4" Pads			35
			0
			0
Cooling Pad Water Pump - Extra - 1 hp - 220 V 50hz			1
Electrical Relays (Fans and Heaters) - 220 V - 50hz			8
			0
			0
			0
			0
			0
			0
			0
Rolling Benches - 30ft. X 6ft. (9.1m X 1.8m)			10
Thermostat (Fan/Heater - 220 - 50Hz) Single Stage NEMA 4X Thermostat			6
		TOTAL PIECES	61

<i>M</i>	
Description	Quantity
Co2 Generator - 220 V 50hz	1
Cooling Pad Locks for 4" Pads	50
Cooling Pad Cells - (4" X 2' X 6') - for 80' of opeing*	40
Cooling Pad Flashings, Gutters, etc - for 4" Pads - 80' (24.3 mt) Galvanized**	1
Cooling Pad Water Pump - Extra - 1hp -220V - 50hz	1
Electric Relays (Fans and Heaters) 220 V - 50hz	10
Modine Heater Compatible Poly Distribution Tubes - Perforated - 80'	2
	0
Rolling Benches - 20ft. X 5ft. (6m X 1.5m)	1
Rolling Benches - 20ft. X 6ft. (6m X 1.8m)	3
	0
	0
Rolling Benches - 30ft. X 5ft. (9.1m X 1.5m)	1
Rolling Benches - 30ft. X 6ft. (9.1m X 1.8m)	3
Thermostat (Fan/Heater - 220 - 50Hz) Single Stage NEMA 4X Thermostat	8
TOTAL PIECES	121

SPECIFICATIONS FOR ALL ALLIED GREENHOUSE EQUIPMENT

ITEM DESCRIPTION	SPECIFICATIONS
Rolling Benches Commercial Greenhouse Quality	- Heavy gauge hot dipped galvanized materials only - Expanded metal tops must be hot dipped galvanized - Sidewall must be aluminum - All required holes must be pre-drilled - All metal corners rounded - Working height (Table top working surface inside outside rails) 32-36" - Anti-tip over brackets - Tapered roll bars - All bolts and nuts must be galvanized metric thread - Include stabilizer bars as required - All parts broken down for shipment - All bolts and nuts must be metric thread - Rotating handles must be either removable or capable of being disengaged when not in use
Thermostats for heaters and fans Commercial Greenhouse Quality	Thermostat (Fan/Heater - 220 - 50Hz – 3 Phase) Single Stage NEMA 4X Thermostat
Retracting Overhead Shade System Commercial Greenhouse Quality	- 140' X 72' Coverage area - 50% Shade netting - Electrically operated closing and opening utilizing 220 - 50Hz – 3 Phase electric motors - All bolts and nuts must be galvanized metric thread - All metal parts, including cables, must be either stainless steel or galvanized
Electrical Relays Commercial Greenhouse Quality	Must be 220 V - 50hz – 3 phase compatible
Co2 Generator Commercial Greenhouse Quality	- Must be 220 V - 50hz – 3 phase compatible - 60,000 BTU Propane/Butane - Time control package - 24v, 40va transformer that will accept 220 V - 50hz electrical supply single or three phase. If required, supply any necessary current conversion equipment - Pressure gauges - Automatic thermocouple protection
Cooling Pad Locks Commercial Greenhouse Quality	- Must fit 4" cooling pads - Must be galvanized, aluminum, stainless steel, or High impact plastic - The number of cooling pad locks must be sufficient to provide support for the entire system – adjust quantity accordingly

Evaporative Cooling Pad Cells Commercial Greenhouse Quality	<u>4 in D X 6' ft X 2 ft W</u> <u>or equivalent</u> Cellulose paper impregnated with insoluble anti-rot salts, or equivalent Stiffening saturants and wetting agents
Evaporative Cooling Pad Flashings, Gutters, etc. - Galvanized <u>Two Separate Systems</u> <u>30 ft. and 50 ft.</u> Commercial Greenhouse Quality	80' (24.3 mt) total <u>combined</u> length <u>30 ft</u> <u>50 ft.</u> 4" Evaporative Cooling Pad - All metal flashings, support systems, gutters, end caps, etc. must be fully galvanized - Water delivery system must be PVC with all required fittings - All water return gutters must be complete with end caps, down spouts, and connectors; as required for two separate systems - Include all required caulking or adhesives - Water holding tanks are not required - Water pumps must be 220 V - 50hz – Single or 3 phase compatible - All rivets, bolts, screws, washers, etc must be galvanized - All bolts and nuts must be metric thread

NOTES

1. All items must be filled as listed. No substitutions allowed. All items must be of commercial quality, no exceptions.
2. All items must be displayed for physical inspection by DHAIM staff prior to acceptance for shipment
3. Individual items must be grouped together for packaging according to column designation (H-M-A-S)
4. Individual shipments must be properly marked, crated and palletized according to column designation (H-M-A-S)
5. Quotes must include but keep separate all related costs for packaging, crating, palletizing, and shipping
6. All items must be of USA origin or manufactured in the US using a minimum of foreign parts
7. All items must be shipped to the specified shipping location.
8. All items must arrive to the specified shipping address, no later than April 25, 2011