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(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)
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F. No. NAIP/16/2013-14/ST

Date: 27-06-2013

To

Dear Sirs,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF ‘**Water Purification unit with accessories**’ GOODS AS DESCRIBED

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications*	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
Water Purification unit with accessories	As given below	1	30 days	Stores Officer, DSR, Rajendranagar, Hyderabad 500 030	Yes

** Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.*

Detailed description

A complete RO and ultra-filtration based water purification system comprising primary continuous electro-de-ionization (EDI) system with Carbon beads at Cathode, attached to tank followed by secondary ultra-pure polishing system.

First stage system:

- I. Pre-treatment unit of 5 micron and 1 micron with booster pump.
- II. The system should be capable of taking feed water of 2000 micro siemens.
- III. Continuous de-ionization system with three purification steps i.e. pre-treatment/ RO/ EDI with following specifications:

1. Resistivity : 10-15 Mega Ohms cm
2. TOC : 30 ppb
3. Flow rate : 3 liters/ hr
4. Cell constant (resistivity cell) : 0.01 cm-1
5. Feed water: Tap water system must comprise of the following:
 - a. Pre-treatment pack having activated carbon, anti- scaling compound, PP depth filter.
 - b. TFC polyamide spiral RO cartridge with 100 Dalton cutoff having 95-99% rejection.
 - c. EDI module having platinum coated titanium electrode, with Carbon beads at Cathode, PE module must continuously regenerate the resin with simultaneous removal of the cations and anions giving product water in a single pass through the module.
 - d. Provision for display for PR operating pressure, conductivity of RO feed water/ RO permeate and resistivity of final product water.
 - e. System should auto rinse divert valve and also temperature feedback control loop to maintain consistent product water quality/ quantity.

Specifications for intermittent storage tank

A tank of storage capacity 50 liters should also be quoted of same manufacturing / make. Tank must be fitted with built in sensors low/ med./ high water level and vent filter having CO₂ and volatile organic adsorbent and membrane filter for particle/ biological contaminants removal.

Second stage storage polishing system

Ultra purification water system with the specification mentioned below, should take feed water from Stage I via intermittent tank and give type I grade water as output. It should have the following features:

1. Resistivity : 18.2 Meg Ohm cm
2. TOC : 1-5 ppb
3. Flow rate : 1.0 l/ h
4. Particles (0.22) : 1/ ml
5. Microorganism : 1 cfu/ ml

Optional accessories for trouble-free operation for a period of two years to be quoted.

Only licensed and authorized system should be quoted with all accessories, minimum one year on-site warranty, annual maintenance contract, list of satisfied users, original technical literature and operation manual, installation, on-site and in-lab system-application training of all project staff, continuous technical support from qualified service engineers, assurance for prompt supply of essential consumables to conduct analysis with the instrument and compliance statement of specifications with deviations clearly marked.

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to US\$ 14 crores towards the cost of the NAIP Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) Prices for Goods supplied from within the country (including previous imported item) shall be quoted EXW (Ex-work, ex-warehouse, ex-showroom or off-the-shelf as applicable) including all duties and sale and other taxes already paid or payable on the raw materials and components.
- c) For goods offered from abroad (i.e., not previously imported) prices shall be CIF or CIP [which are exclusive of custom duty]
- d) Customs duty on the final goods and sale/similar taxes levied in connection with the sale of goods shall be shown separately.
- e) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- f) The Prices may be quoted in any currency of the Bank-member countries.

4. Each bidder shall submit only one quotation. Quotation shall be submitted in writing i.e., by fax, telex, letter of electronic messaging.

5. Validity of Quotation

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

6. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a. are properly signed ; and
- b. conform to the terms and conditions, and specifications.

The Quotations would be evaluated separately for each item.

Quotations are compared after adding to the quoted price, the estimated cost of inland transportation and insurance if any to the final destination. For purposes of comparison, prices are converted into local currency at the exchange rates prevailing on the date of opening of Quotations.

Customs duty on the imported goods and sales/similar taxes levied in connection with the sale of goods shall not be taken into account in evaluation.

7. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Payment shall be made immediately after delivery of the goods in the currency of the Quotation.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

10. You are requested to provide your offer latest by **11.00hours** on **15th JULY 2013**

11. We look forward to receiving your quotations and thank you for your interest in this project.

Administrative Officer
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Hyderabad
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