



केन्द्रीय रेशम जननद्रव्य संसाधन केन्द्र

केन्द्रीय रेशम बोर्ड, वस्त्र मंत्रालय, भारत सरकार

पी.बी.न: 44, थली रोड, होसूर - 635 109 कृष्णगिरि जिला, तमिलनाडु

Central Sericultural Germplasm Resources Centre

CENTRAL SILK BOARD, Ministry of Textiles, Govt. of India

P.B. NO.44, THALLY ROAD, HOSUR - 635 109, KRISHNAGIRI DIST., TAMIL NADU.



No. CSB/GRC/3(31)/2013/Stores/ 9160 113

Date: 25th April, 2014

To:

BY SPEED POST

Sub:- Inviting competitive rate quotations for supply of Ultra pure Water Purification System to CSGRC, CSB, Hosur - reg.

This office is interested in purchase of **1 No. Ultra pure Water Purification System (on buy back)** as per the specification. **This office will follow two bid system i.e. Technical bid and financial bid.** The specifications of the required item are as under:-

Specifications of the ULTRA PURE WATER PURIFICATION SYSTEM:-

Parameters	value
Resistivity	18.2 Mega Ω @ 25°C
TOC	< 5ppb
Bacteria, (cfu/ml)	< 0.1
Pyrogen Levels	< 0.001EU/ml
RNase	< 0.01ng/ml
DNases,	< 4pg/ml
Total Chlorine	< 3 ppm
Foul index (SDI)	<12
Flow Rate	10 liters / hr

The detailed specification may be viewed at website: www.silkgermplasm.com

Quotation should be sent to the undersigned in a sealed envelope (containing two separate covers i.e. Technical Bid & Financial Bid) duly super scribing as "**QUOTATION FOR SUPPLY OF 1 No. ULTRA PURE WATER PURIFICATION SYSTEM**" so as to reach this office, on or before 17-05-2014 at 11 a.m. The quotations received after the due date and Time will be rejected.

The Terms and Conditions are as under:-

- (1) Quotation should be sent in one cover containing two separate covers i.e. one with Technical Bid containing details / specifications of the item with catalogue, users list & performance report from the users, warranty, Authorization, validity certificate from the manufacturer etc., and another cover containing Financial Bid i.e. your quoted rate duly indicating the discount to be allowed on quoted value and Tax/Transportation charge, if any.
- (2) The Quotations will be opened by a Committee on 17.05.2014 at 11.30 a.m. and only cover containing Technical Bid shall also be opened on the same day. Those who do not fulfill required terms & conditions would be treated as technically disqualified & rejected. The Financial Bid of such technically disqualified parties will be returned to concerned un-opened with their EMD amount, which should be noted. Those who fulfill required terms & conditions would be considered as technically qualified and their Financial Bid shall be opened after one week from the date of opening of the quotation which should be noted.

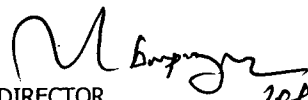
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- (3) **E.M.D.** : EMD @ 2% on the quoted rate in the form of Demand Draft favoring "The Director, Central Sericultural Germplasm Resources Centre" payable at Hosur. EMD will be refunded only after finalization of the bids, without interest. **D.D. should be enclosed with 'Financial Bid' only and D.D. No. and Date only should be indicated in the 'Technical Bid' which may be noted.**
- (4) **Validity:** Rate quoted should be valid for 90 days.
- (5) **Delivery:** Within 15 days from the date of receipt of the Purchase order.
- (6) Rate per unit should be quoted per item / piece in **INDIAN RUPEES ONLY** destination being CSGRC, Hosur. **Buy back rate also should be quoted for "LABCANCO WATER PURIFICATION SYSTEM (Purchased during Jan. 1995-CONDEMNED)" which is available at CSGRC Hosur.**
- (7) Payment schedule: By Demand Draft on receipt of the item in good condition and confirming to specification & no advance payment will be made.
- (8) Taxes/VAT/Other statutory duties should be indicated separately. **Please note that no form "C" or "D" will be issued by this station.**
- (9) Liquidated damages for delay & non supply: 0.5% will be deducted from the bill per week for not supplying the equipment within the stipulated time.
- (10) Submission of income tax clearance as issued by Income Tax Department & sales Tax clearance certificate as issued by State / Central Sales tax Department.
- (11) A suitable provision in the bidding document is made to enable a bidder to question the bidding conditions, bidding process and/or rejection of its bid. The reasons for rejecting a tender or non issuing a tender document to a prospective bidder must be disclosed where enquiries are made, as per the provision of Rule 160 (ii) of the GFR 2005.
- (12) **The undersigned reserves the right to accept or reject any or all quotations without assigning any reason whatsoever.**

Yours faithfully,

SD/-
DIRECTOR

✓ Copy to: The Asst. Director (Comp.), CSGRC, CSB, Hosur: - For exhibiting the Quotation Call Letter on CSGRC / CPPP website / port. 117


DIRECTOR 20/02/14

Specification for Ultra pure water purification system- to be exhibited in website for calling quotation

Production unit to deliver Type I Ultrapure water

1. **General:** Compact, Wall mountable, sleek water purification system for Ultra – Pure Type-I water for molecular biology application.
2. **Quality of water:** - Should deliver Type I/Ultra pure as per International

Specifications

Resistivity : 18.2 MΩ·cm resistivity at 25 °C and Total Organic Carbon (< 5ppb;
Bacteria : < 0.1 CFU / ml; Pyrogen level : <0.001 EU/ml; RNase: < 0.01ng/ml
DNase: 4pg/ml , Total chlorine < 3ppm, Foul index (SDI) < 12,
Flow Rate approximately 10liter per hour

3. **Dispenser:** Should have a flexible handle dispenser, preferably, with a facility of:
 - a. Variable flow drop by drop up to 2 liter per minute.
 - c. Auto volume dispense from 50ml to 60 liters.

Production unit to deliver Type III water

4. **Volume** : Approximate 150 liter/day – Type III water
5. **Feed –water** : Potable tap water
6. **General Essential Features:**
 - i. Preferably should start giving pure water immediately.
 - ii. Should have built in RO, Dual Wavelength UV lamp (built-in 185 and 254 nm UV lamp) and Purification pack or cartridge.
 - iii. Should have integral tank with approximately 50 liter capacity and to prevent algal growth inside the tank.
 - iv. Facility to attach external point of use Bio filter or any such filter to control endotoxin.
 - v. Alarm for low quality water
7. **Display:** Temperature, conductivity, volume dispensing, alarm and tank water level indicator.
8. **Other important features:-**

Sanitization facility to avoid contamination

 - i. Facility of intermittent water recirculation to avoid contamination Build-up.
 - ii. USB Port to capture data.
9. **Accessories:-**
 - i. Stabilizer
 - ii. Water pump (0.5HP) to maintain water pressure and regulator required for functioning of the equipment
 - iii. All cartridges, filters, pump or any such item for Installation and functioning /operating the equipment.

10. **Consumable:** Must quote separately for consumables – One additional set of cartridges and filters
11. Total system should be complete in all respects with necessary electrical and plumbing requirements to work immediately after installation.

Part of tender conditions

1. **Warranty:** For two years guarantee plus warranty for at least three years.
2. **List of Users/installations:** Must include a list of user of the same model of the equipment along with valid email ID and phone no and other contact details. In case the list is NOT provided or incomplete, the quotation will not be considered for technical/price comparison.