



केन्द्रीय रेशम जननद्रव्य संसाधन केन्द्र
राष्ट्रीय सक्रिय जननद्रव्य स्थल (एन.बी.पी.जी.आर., नई दिल्ली एवं एन.बी.ए.आई.आर., बेंगलूर द्वारा मान्यता प्राप्त)
आईएसओ 9001 : 2008 द्वारा मान्यता प्राप्त केन्द्र
केन्द्रीय रेशम बोर्ड, वस्त्र मंत्रालय, भारत सरकार
CENTRAL SERICULTURAL GERmplasm RESOURCES CENTRE
National Active Germplasm Site(Recognised by NBPGR, New Delhi & NBAIR Bengaluru)
An ISO 9001:2008 Certified Centre
Central Silk Board, Ministry of Textiles, Govt. of India

No. CSB/GRC/SE/2014/Stores/ 421 to 434

Date: 22.06.2016

Sub:- Inviting competitive rate quotations invited for supply of 1 -80°C Deep freezer to CSGRC, CSB, Hosur under buy back - reg.

This Centre is interested in purchase of 1 No. – 80°C Deep Freezer under buy back as per the detailed specification enclosed. You are requested to quote your rate duly indicating the discount to be allowed on quoted value and tax/transportation charges if any. You may also enclose Catalogue, users list and performance report from the users, Warranty, Authorization and validity certificate from the manufacturer.

Two separate quotations i.e.1) Financial Bid & 2) Technical Bid should be sent to the undersigned in a sealed envelope superscribing as "**Quotation for supply of-80°C Deep Freezer**" so as to reach this office on or before 13.07.2016 at 3.00 p.m. The quotations received after the due date and time of receipt will be rejected. All bids must be accompanied by EMD (to be sent along with Financial Bid cover only & only DD No. and date should be indicated in Technical Bid).

The quotations will be opened by a Committee on 13.07.2016 at 3.30 p.m. and only cover containing technical bid shall be opened on same day. Those who do not fulfill required terms & conditions/specification would be treated as technically disqualified and rejected. The financial bid of such technically disqualified parties will be returned to concerned un-opened with their EMD amount which should be noted.

The Terms and Conditions are as under:-

- (1) **EMD:** 2% on the quoted rate in the form of Demand Draft favouring "The Director, Central Sericultural Germplasm Resources Centre", payable at Hosur. EMD will be refunded only after finalization of the bids without interest.
- (2) **Validity :** Rate quoted should be valid for 90 days.

o/c

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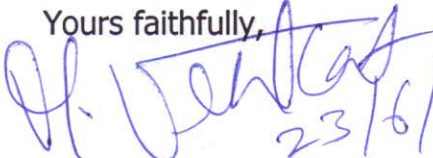
पी. बी. नं. - 44, थली रोड, होसूर - 635 109, कृष्णगिरि जिला, तमिल नाडु, भारत।
P.B. No. 44, Thally Road, Hosur-635 109, Krishnagiri District, Tamil Nadu, India
दूरभाष / Phone : (91) 04344-221148, 222013, 222043 फैक्स / Fax : (91) 4344-220520
ई-मेल / e-mail : csgrchosur@gmail.com, csgrchos.csb@nic.in वेबसाइट / website : www.csgrc.res.in

" आप हम से हिन्दी में पत्र-व्यवहार कर सकते हैं "



- (3) **Delivery & Installation** : Within 15 days from the date of receipt of the Purchase order at CSGRC, Hosur.
- (4) **Payment schedule** : By Demand Draft or cheque after satisfactory installation & working of the equipment in good condition and as per specification.
- (5) Taxes/VAT/Other statutory duties should be indicated separately. **Please note that no form "C" or "D" will be issued by this Centre.**
- (6) Liquidated damages for delay 0.5% will be deducted from the bill per week for not undertaking the ordered installation work, within the stipulated time.
- (7) Submission of income tax clearance as issued by Income Tax Department & sales Tax clearance certificate as issued by State / Central Sales tax Department.
- (8) The undersigned reserves the right to accept or reject any or all quotations without assigning any reason whatsoever.

Yours faithfully,


23/6/16
↑ DIRECTOR

Encl: Specification



Specification for -80°C Deep freezer for the project AIE3555 "Cryopreservation of Tasar silkworm, *Antheraea mylitta* semen and its Artificial insemination"

Upright freezer with dimensions 80 X 85.2 X 193.0 cms (W X D X H)

400 L capacity or more

Freezer should have Programmable operating temperature from -50° to -86°C with 1°C increment

It should be an energy efficient system with power consumption less than or equal to 10.8kWh per day under standard test conditions

System should have a pull down time from ambient temperature to -85°C ≤ 5.5 hours

LED display with Fully programmable microprocessor controlled with membrane keypad and eye level control panel

Construction should be of Polyurethane foam (130 mm thick) insulation

System should be made up of 18 gauge Steel, 1.2 mm thick with power coated paint to resist scratch and rust and the interior should be polished with 304 SS

Inner door should have silicone seal to prevent temperature loss

Outer door should have safe silicon triple point seal with flat soft sealing. There should be no folded gaskets to prevent ice formation on the gasket.

Freezer should have five compartments with five inner doors with locking system

Freezer should have heated air vent and front panel air filter

System must be fully functional in operating temperature range (ambient temperature) from 10°C upto 32°C

Security keyed locks on the outer doors and lids

Battery back-up and 4 pin security lock for unauthorised tampering

Should have RS 485 interface data logging port and it must also have on board SMART PLUS diagnostic software

Audible and visible alarms for temperature, power failure, system failure, battery low etc.

Freezer should be CFC free, HCFC free non-flammable refrigerants and refrigeration system must be energy efficient and hermetically sealed two stage cascade refrigeration system

Freezer must have ISO 9001 standard quality test requirements and IEC 61010 Electric safety CE and UL certified

Suitable stabilizer to be supplied free of cost

Should provide at least 5 user certificates from established Institutions


निदेशक / DIRECTOR
के.रे.ज.सं.के., के.रे.बो, होसूर
C.S.G.R.C., CSB, HOSUR