Notice Inviting Quotations

Sealed quotations are invited from bona-fide suppliers for supply of the following items,

1. Directional Solidification Furnace for mc-Silicon growth (Research lab scale furnace)

2. PV grade Silicon Feed (Chunks & Granular)

Bidding documents may be downloaded from the website (www.ssn.edu.in) and bidders can submit quotations as per instructions in the document.

Last date of submission of bid is 11.04.2016 up to 3.00pm.
**SECTION-I: General conditions and important instructions for bidders.**

1. Bidders are to submit the original tender documents with technical specifications and price details in sealed envelope to Prof. P. Ramasamy, Principal Investigator (MNRE Project), Dean (Research), Sri Sivasubramaniya Nadar College of Engineering (SSNCE), Kalavakkam – 603110, Chennai, Tamil Nadu.

2. Bidders are to submit technical bid and price bid separately in two sealed envelopes.
   
   a. **Part-I: Techno-Commercial Bid** - giving detailed specifications, international standards, catalogues, list of users & technical details / operating parameters, pre-installation, requirements, payment terms, warranty, etc.

   b. **Part-II: Price Bid** - giving full prices in Indian rupees and/or in foreign currency for
      
      1. Main Item/Equipment.
      2. Essential Accessories & Spares.

   The contents of the envelope (Technical Bid / Price Bid) should be mentioned on its top. All the sealed envelopes should be placed in a common sealed envelope, superscripted with the Ref. Advertisement No. And date along with the bidders name and address. Any deviation from the said process will result in disqualification of the particular bidder.

3. Bidders are to submit this tender document in original after accepting the terms and conditions.

4. Preference will be given to reputed indigenous manufacturers having proven track record with service and maintenance capability in Chennai/ India. Vendors are requested to visit the site to evaluate the appropriate costing.

5. Last date of receipt of tender by Sri Sivasubramaniya Nadar College of Engineering is 21 working days after publications at 3.00 pm. Tenders received late will not be accepted under any circumstances. Tenders will be opened in the office of Dean (research), Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603110, Tamil Nadu on a date and time to be notified to the vendor. In case the college remains closed on the said date, tenders will be opened on next working day at 3.10 pm.

6. The price bid should clearly mention the price including the following:
a. Ex works price packing and forwarding charges, if any
b. Freight and insurance, up to Sri Sivasubramaniya Nadar College of Engineering, Tamil Nadu including loading and unloading charges.
c. All taxes, duties, levies applicable, in INR.

For imported equipment, Letter of Credit may be opened against proforma invoice received from the principal vendor. In case of imported equipment the local agents are to quote the price in foreign currency.

7. The manufacturer selected shall provide training in operation and application of the instrument for the R&D work to user Scientists at Sri Sivasubramaniya Nadar College of Engineering.

8. The Sri Sivasubramaniya Nadar College of Engineering will not issue any C or D form availing of concessional Sales Tax/ VAT. The SSN will apply for Customs Duty Exemption Certificate or Excise Duty Exemption Certificate from Anna University.

9. The equipment/ item is to be supplied at the Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Tamil Nadu between 8.30 am and 3.30 pm from Monday to Friday except holidays. The bidders will be responsible for any breakage, damage or defect in the equipment/ item detected subsequently.

10.

a. For Indian purchase (This clause is applicable only for Indian purchase and not applicable for foreign purchase):

   All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill. Payment will be made on submission of Proper Bills, Challans etc., by A/C Payee Cheque and no cash payment will be made under any circumstances.

b. For Foreign purchase (This clause is applicable only for foreign purchase and not applicable for Indian purchase): Payment will be made through Letter of Credit/Bank Transfer. AWB, Packing list, Warranty Certificate, etc. should be provided.

11. All payments are subjected to statutory deductions as and when applicable.

12. **Earnest Money Deposit: Rs. 100000/- (One Lakh)**
a. Earnest money deposit, as specified against different items, in the form of Demand Draft / Pay Order drawn in favour of the “Principal, Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Tamil Nadu through RTGS to their Bank Account No. 158100050070022, IFSc Code: TMBL0000158, MICR Code-600060010, in the Tamilnad Mercantile Bank Ltd., Thiruvanmimiur No.3, Thiruvalluvar Salai, Thiruvanmymiur, Chennai” and payable at Chennai shall have to be paid together with the Technical Quotation, failing which, unless otherwise exempted by any rule, shall not be entertained.

b. Tender has to be kept valid for acceptance for a period of 6 months without any modifications in its terms and conditions. Failure to comply with the same, the authority may forfeit the Earnest Money Deposit.

c. Earnest Money Deposit of the successful bidders will be converted to Security Deposit.

d. Earnest Money Deposit / Security Deposit will be refunded after successful completion of supply or after expiry of Guarantee period. No interest is payable on Earnest Money Deposit/ Security Deposit.

e. Bidders shall submit self-addressed envelope affixing postal stamp of Rs.25/- for release of Earnest Money Deposit.

13. Documents to be submitted with the tender:
   a. Tender Documents, General Conditions and Important Instruction in original duly signed by the Proprietor/ Partner/ Director of the company as a token of acceptance of Terms and Conditions of Tender.
   b. Latest Income Tax, Sales Tax, Professional Tax clearance certificates and copy of valid Trade License. Technical Bid, Price Bid (Priced) separately in two sealed envelopes according to specifications.
   c. Demand Draft/ Pay Order for Earnest Money Deposit.

14. For all items the warranty/ guarantee period should be at least 24 months from the date of commissioning. Warranty/ Guarantee for all the items supplied will be on ‘all comprehensive’ basis, i.e., including repairs, replacements, maintenance etc.

Calibration / Test Certificate must accompany along with the equipment.
Supply of equipment shall include installation, commissioning and demonstration.

15. The vendors quoting against this tender should have a proper track record internationally and should have supplied similar instruments to National institute of repute (Document to be attached)

16. Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai, reserves the right to accept/ reject all or any of the tenders without assigning any reason whatsoever.

I/We accept the above terms and conditions. Signature of the Bidders with date and seal
SECTION-II: Technical Specifications

1. Directional Solidification Furnace for Multi-Crystalline Silicon Growth (Research Lab Scale Furnace)
   
i. Charge capacity: 20 to 50 Kg
   
The equipment to be supplied should be complete in every respect, should be installed and demonstrated for satisfactory performance.

2. PV Grade Silicon Feed (Chunks & Granular)
   
i. Chunks: 650 Kg
   
ii. Granular: 150 Kg