Sir,

Sub: Inviting quotations for Supply, Installation & Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer at Cold Storage Plant, Hosur - reg

The Silkworm Seed Production Centre, NSSO, CSB, Hosur invites sealed quotations from interested parties for supply, Installation & Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer for the use of Cold Storage Plant, Hosur. The detailed specifications of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer and terms & conditions are enclosed for reference.

The quotation must be accompanied with Earnest Money Deposit amount of Rs. 10,000/- in the form of Demand Draft in favour of Director, NSSO, CSB payable at Hosur (TN). Further the sealed quotation shall be super-scribed as “QUOTATION FOR SUPPLY, INSTALLATION & COMMISIONING OF 125 KVA ± 5KVA SERVO CONTROLLED VOLTAGE STABILIZER” and the sealed bids should reach this office address on or before 3rd October 2019 at 3.00 pm.

Quotations shall be opened on the same day at 3.30 pm in the presence of the representatives of the firms, who may wish to participate in the opening of the quotations.

The interested parties may visit the Cold Storage Plant, Hosur to know the scope of works to be carried out and quote their lowest rate and submit to this office before stipulated date & time.

Yours faithfully,

SCIENTIST D

PALANIAAPPAN
MEGANATHAN

Date: 2019.09.10
16:55:27 +05'30'
Introduction

The Central Silk Board (CSB for short) is a statutory body constituted under the Act of Parliament. It works under the administrative control of the Ministry of Textiles, Govt. of India. The National Silkworm Seed Organization (NSSO for short) under CSB has entrusted with the mandate for production and supply of basic and hybrid seeds for promotion and development of silk industry in the country.

The Silkworm Seed Production Centre, NSSO, Hosur as part of its activities, proposes to Supply, Installation & Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer which is to be used in Cold Storage Plant, CSGRC Campus, Hosur with buy back of existing 120 KVA SCVS.

The supplier is expected to examine specifications and terms & conditions thoroughly. Failure to furnish all information in every respect will be at the supplier’s risk and may result in the rejection of quotation. This invitation of quotations is open to all the eligible suppliers.
**Detailed specifications of the proposed 125 KVA ± 5 KVA Servo Controlled Voltage Stabilizer**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Rated Capacity</strong></td>
<td>125 KVA ± 5 KVA</td>
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<tr>
<td><strong>Type of Cooling</strong></td>
<td>Air cooled</td>
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<tr>
<td><strong>Input Voltage Range</strong></td>
<td>320 V to 500 V ± 5 V</td>
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<tr>
<td><strong>Output Voltage</strong></td>
<td>415 V ± 1%</td>
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<tr>
<td><strong>Input Frequency Range</strong></td>
<td>47 Hz to 53 Hz</td>
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<tr>
<td><strong>Efficiency</strong></td>
<td>More than 98%</td>
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<tr>
<td><strong>Servo Motor Drive</strong></td>
<td>Triac / Variac based AC Synchronous drive</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>Under Voltage Cut off.</td>
</tr>
<tr>
<td></td>
<td>Over Voltage Cut off.</td>
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<tr>
<td></td>
<td>Over Load Protection.</td>
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<td></td>
<td>Single Phase Prevention.</td>
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<td>Phase reversal trip.</td>
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<td>Short Circuit Prevention.</td>
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<td>Emergency off switch.</td>
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<td>Bypass switch in case of repair of SCVS.</td>
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<td></td>
<td>Output through suitable rated MCCB.</td>
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<td></td>
<td>Spike suppression and Surge Protection.</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>LCD Panel Display</td>
</tr>
<tr>
<td><strong>Display Parameters</strong></td>
<td>Mains Line &amp; Phase Voltage for all 3 phases.</td>
</tr>
<tr>
<td></td>
<td>Output Line &amp; Phase Voltage for all 3 phases.</td>
</tr>
<tr>
<td></td>
<td>Output Current for all 3 phases.</td>
</tr>
<tr>
<td></td>
<td>Fault indication.</td>
</tr>
<tr>
<td></td>
<td>LED indications for Output, fault and Bypass.</td>
</tr>
</tbody>
</table>


Schedule of Requirements

1. Supply, Installation & Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer as per the specifications and sketch.

2. The 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer have to be installed in Cold Storage Plant, CSGRC Campus, Thally road, Hosur – 635 109, Tamil Nadu. Before submitting the bids, the supplier shall visit the place where the proposed stabilizer to be installed at Hosur to know more details/clarify any information in the respective addresses mentioned below. In this connection, the contact No. 04344 222686, 04344 276686.

DELIVERY SCHEDULE

<table>
<thead>
<tr>
<th>Time schedule for Supply, Installation &amp; Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer as per the specifications</th>
<th>30 days from the date of issue of work order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Destination / location</td>
<td>Cold Storage Plant, CSGRC Campus, Thally road, Hosur – 635 109, Tamil Nadu.</td>
</tr>
<tr>
<td>Quantity</td>
<td>01 Nos as indicated in specification.</td>
</tr>
</tbody>
</table>

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Procedure for Submission

The process of tender shall involve submission of bids in Two parts namely Technical bid and Financial Bid:

Technical Bid:
The sealed technical bid enclosing the following should be submitted: -

1. Demand draft towards EMD.
2. Copy of Certificate for establishing the firm.
3. Copy of the PAN card and income tax returns for the previous 3 financial years.
4. Copy of GST registration.
5. Copy of Manufacturer’s License / Authorized dealer / Agent of Manufacturer certificate
6. Copy of previous work orders and satisfactory completion reports.

The technical bid not in compliance with the above will be liable for rejection.

Financial Bid:
The Financial bid shall be submitted in the price schedule format.

The Technical and Financial Bids should be sealed by the bidder in separate covers appropriately super-scribing as “Technical bid” and Financial bid” as the case may be. The sealed covers containing Technical bid and Financial bid are to be put in a bigger cover which should also be sealed and duly super-scribed on the cover as “QUOTATION FOR SUPPLY, INSTALLATION & COMMISSIONING OF 125 KVA ± 5KVA SERVO CONTROLLED VOLTAGE STABILIZER”

Qualification Criteria:

- The bidder must be a manufacturer or Authorized dealer/agent of the manufacturer and copy of the authorization certificate has to be attached along with the technical bid.
- The bidders who submit the bid should have at least 3 years experience in the supply, installation and commissioning of Servo Controlled Voltage Stabilizer of higher rated capacity.
- The bidder shall enclose documents showing their financial capabilities such as income tax returns, copy of PAN and work orders executed during previous years along with the technical bid.
- The bidder shall have the financial, technical and service capability necessary to
The firms shall enclose necessary proof i.e., work order copies and Credential Certificates from the concerned customers/departments/company for having undertaken similar type of works or much bigger magnitude along with the technical bid.

The firms should furnish the information on past supplies/services and satisfactory performance along with the technical bid.

The firms which participate in the tender should have supplied, installed & commissioned such type of Servo Controlled Voltage Stabilizer at least in one location and such facility should be in successful working condition at least for 24 months as on the date of submission of tender.

The time duration for supply, installation, commissioning, testing and handing over of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer from the date of issuing work order shall be 30 days.

**Terms & conditions**

1. The supplier must have registered and should have sufficient experience in Supply, Installation & commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer. Registered certificate may be attached along with the quotation.

2. The bidder shall enclose documents showing their financial capabilities such as income tax returns, PAN card, annual turnover etc. to show their capability to perform the contract.

3. It will be responsibility of the supplier to inspect the place for installation of stabilizer and the supplier has to terminate the input power supply and output power supply cable to the 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer.

4. The interested parties may visit Cold Storage Plant, CSGRC Campus, Thally road, Hosur – 635 109, Tamil Nadu to assess the actual work involved before submission of quotation.

5. The 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer to be supplied and workmanship should be as per our technical specifications and no compromise will be permitted under any circumstances.

6. The firm shall inspect the existing 120 KVA stabilizer at Cold Storage Plant, CSGRC Campus, Thally road, Hosur – 635 109 for buyback and the buyback price can be quoted in the price schedule.

7. Transportation charges to final destination shall be quoted separately.

8. Prices quoted by the party shall be fixed and valid during the performance of the contract and not subject to any variation on any account.
9. If the supplied 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer fail to conform to the specifications, the purchaser may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specification requirements free of cost to the purchaser.

10. Transportation of the stands up to the final destination i.e. Cold Storage Plant, CSGRC Campus, Thally road, Hosur – 635 109, Tamil Nadu shall be the responsibility of the supplier.

11. It is the responsibility of the supplier to deliver at site and then install and commission the 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer.

12. The purchaser reserves the right at the time of award of contract to increase or decrease the quantity of Stabilizer without any change in price or other terms & conditions.

13. Supply of Sub-standard materials will be rejected.

14. Rates quoted should be F.O.R destination and inclusive of all material cost, taxes, labour charges, conveyance charges etc. No further claims of whatsoever nature will be entertained.

15. Supply, installation, commissioning, testing and handing over of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer should be completed within 30 days from the date of placement of order.

16. Any defect arising out of faulty supply or use of Sub-standard material or workmanship shall be replaced or rectified by the supplier at his own cost.

17. No cash/advance payment will be made. Bill of cost will be settled in full after Supply, installation, commissioning, testing and handing over of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer at Cold Storage Plant, CSGRC Campus, Thally road, Hosur – 635 109, Tamil Nadu.

18. Quotation must be accompanied with E.M.D amount of Rs. 10,000/- (Rupees ten thousand only) in the form of Demand draft in favour of the Director, NSSO, CSB payable at Hosur which will not carry any interest.

19. Quotation without EMD will be rejected summarily.

20. In case of MSME registered firm, exemption for EMD shall be permitted by enclosing the copy of registration certificate along with the technical bid.

21. E.M.D of the un-successful bidder will be refunded after issue of work order to the successful firm.

22. Within 10 days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security equivalent to 5% of the total Contract value, in the form of Bank Guarantee. The bank guarantee issued by any Nationalized or Foreign bank located in India shall be accepted by the
Purchaser and shall be valid till three months after the expiry of the warranty period;

23. The Bank Guarantee towards the performance security shall be drawn in favour of “Director, NSSO, CSB payable at Hosur”

24. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier’s failure to complete his obligations under the Contract;

25. The Bid Security will be discharged within 15 days, after receipt of the Performance Security;

26. Failure of the successful Bidder to furnish Performance Security within the prescribed time shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event, the Purchaser may make the award to the next lowest evaluated bidder or call for new bids;

27. The Performance security will be discharged by the Purchaser and returned to the Supplier after three months of completion of the supply obligations, including any warranty obligations under the contract.

28. The quotations submitted shall have validity period of 180 days from the date of opening of quotations.

29. All the sealed quotations shall be super-scribed as “QUOTATION FOR SUPPLY, INSTALLATION & COMMISIONING OF 125 KVA ± 5KVA SERVO CONTROLLED VOLTAGE STABILIZER” and addressed to the Scientist D, Silkworm Seed Production Centre, National Silkworm Seed Organization, Central Silk Board, No.95 Sipcot Industrial Complex, Hosur-635 126.

30. The last date for submission of sealed quotations at this office will be 3.00 pm on 3rd October 2019.

31. The purchaser will open the quotations in the presence of representatives of the firms who may wish to participate in the quotation opening at 3.30 pm on 3rd October 2019 at Silkworm Seed Production Centre, National Silkworm Seed Organization, Central Silk Board, No.95 Sipcot Industrial Complex, Hosur-635 126. The supplier’s representatives who are present shall sign a register evidencing their attendance.

32. The quotation must be received by the purchaser at the address specified not later than 3.00 pm on 3rd October 2019. In the event of the specified date for submission of quotations being declared as holiday for the purchaser, the quotations will be received up to the appointed time on the next working day.

33. The envelope shall indicate the name and address of the party to enable the quotation to be returned unopened in case it is declared “late”.
34. If the envelopes are not sealed and marked as required, the purchaser will assume no responsibility for the quotation misplacement.

35. The quotation received by e-mail, facsimile will be summarily rejected.

36. The quotation shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the firm, in which case such corrections shall be initiated by the person or persons signing the quotation.

37. The purchaser may, at its discretion, extend the deadline for submission of quotations by amending the documents in which case all rights and obligations of the purchaser and parties previously subject to the deadline will thereafter be subject to the deadline as extended.

38. Quotations received after the due date/time will not be entertained.

39. Supply, Installation & Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer shall be completed within the time schedule specified by the purchaser. An unexcused delay by supplier for delivering the Stabilizer will forfeiture of its EMD amount, imposition of liquidated damages and/or termination of the contract for default.

40. If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter the conditions, impeding timely delivery of the goods and performance of service, the supplier shall promptly notify the purchaser in writing of the fact of the delay, it’s likely duration and its cause(s) as soon as practicable after receipt of supplier’s notice, purchaser shall evaluate the situation and may at its discretion extend the supplier’s time and performance.

41. **Liquidated Damages:**

Subject to Force majeure, if the supplier fails to Supply, Installation & Commissioning of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer within the time period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% of the delivered price of the delayed goods for each week of delay until actual delivery up to a maximum deduction of 10% of the delayed goods.

42. **Scientist D, Silkworm Seed Production Centre, Hosur** reserves the right to accept or reject any or all quotations without assigning any reason, whatsoever and in case any dispute, the decision of the **Scientist D, Silkworm Seed Production Centre, Hosur** will be final and binding on them.

**SCIENTIST D**
<table>
<thead>
<tr>
<th>#</th>
<th>Item Description</th>
<th>Qty.</th>
<th>Unit/rate (Per No.) (InRs.)</th>
<th>GST</th>
<th>Total Amount (InRs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supply of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer as per Detailed technical specification given in tender document</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>Installation, testing, commissioning &amp; handover of 125 KVA ± 5KVA Servo Controlled Voltage Stabilizer as per detailed technical specification given in tender document</td>
<td>1</td>
<td></td>
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<tr>
<td>3</td>
<td>Transportation charges if any</td>
<td>1</td>
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<td></td>
<td><strong>Less</strong></td>
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<tr>
<td>4</td>
<td>Buyback Price of Existing 120 KVA Servo Controlled Voltage Stabilizer at Cold Storage Plant, Hosur</td>
<td>1</td>
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</tbody>
</table>

**TOTAL PRICE** = Sl. No. (1) + (2) + (3) – (4) =

**TOTAL BID PRICE IN RUPEES AND WORDS:**

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**Note:**
In Case of discrepancy between unit price and total price, the unit price shall prevail.

Place: ________________________  SIGNATURE OF THE BIDDER WITH SEAL
Date: ________________________