Sub: Invitation for Quotations for supply of Goods

Dear Sir,
1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Brief Description</th>
<th>Quantity (Nos)</th>
<th>Delivery Period(In days)</th>
<th>Place of Delivery</th>
<th>Installation Requirement (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Distributed control system</td>
<td>1</td>
<td>30</td>
<td>PONDICHERRY ENGINEERING COLLEGE</td>
<td>NO</td>
</tr>
</tbody>
</table>

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the Technical Education Quality Improvement Programme [TEQIP]-Phase II 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. Quotation,
   3.1 The contract shall be for the full quantity as described above.
   3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
   3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
   3.4 Applicable taxes shall be quoted separately for all items.
3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than 30 days after the last date of quotation submission.

6. Evaluation of Quotations,
   The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
   6.1 are properly signed; and
   6.2 confirm to the terms and conditions as per Annexure II, and specifications as per Annexure I.

7. The Quotations would be evaluated for all items together.

8. 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.
   8.1 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.
   8.2 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.

9. Payment shall be made in Indian Rupees as follows:
   Delivery and Installation - 0% of total cost
   Satisfactory Acceptance - 100% of total cost

10. All supplied items are under warranty of 12 months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by 15:00 hours on 23-Sep-2016.

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) Required
14. Testing/Installation Clause (if any) Required
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below, The Principal, Pondicherry Engineering College, Pillaichavady, Puducherry - 605014

17. We look forward to receiving your quotation and thank you for your interest in this project.
Annexure I

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Item Name</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Distributed control system</td>
<td>Detailed specification is attached below</td>
</tr>
</tbody>
</table>

Specifications and Scope of Supply, installation and Training for

Distributed Control System

**Process Controller:**

- Advanced Controller performs local control and manage communication between their input/output subsystems and Ethernet based communication network.
- Processor with minimum 64 MB main memory
- Data Highway communication speed : 1 GBPS
- The system must accept signals from smart devices
- Provision for adding additional engineering station.
- I/O Modules can be expanded whenever required.
- Provision to scale off (adding) of HMI stations.
- Provision for expanding latest communications like Field Bus, HART, Profibus.
- Should have Operator key board with 64 functions keys.

- Control configuration in the controllers shall be stored in flash memory /RAM providing an infinite storage time. Controller memory should have battery backup.

**Engineering cum Operator Station:**
- Perform all the engineering functions and complete monitoring and control of the process stations.
- Minimum PC configuration is as below:
  
  Make: HP/DELL, Pentium Dual core processor, 2.4GHz and above, 2GB RAM, 500GB HDD, 1 serial port for keyboard, 1 parallel port for printer, 22” LED monitor, 10/100 Ethernet card, 2 nos.of USB port, Resolution of at least 1280 x 1024 pixels, Windows 7
- Operator Station is expandable in future and Diagnostic features are available in all Operator Stations
- The operator station/Engg. Station should be concealed in flat metallic console.

**Input /Output cards:**
- Analog - 8 channels (4-20mA) output / 8 channels input – Supplied DCS should be connected with our process stations available in the lab with any extra cost.
- Digital - 32 Digital Inputs, 32 Digital Outputs
- I/O card response time: 10mili sec.
- Data Highway communication speed: 1 GBPS

**HMI Software:**
- Controller based, not client-server concept based.
- History should be available in HMI
- DCS software should support additional tags. The DCS software should also support simulation function.
- I/O modules supports Terminal board
- The offered software is of multi window type

All stations namely Field Acquisition Control Stations, Operator and Engineering station, etc should be connected through dual redundant Industrial Ethernet LAN. The operator stations shall reside on the main communication bus. Provision should be made for connecting signals from field to the DCS through terminal boards with isolation.

The function of Operator station should provide supervisory and control functions under password protection. The function of Engineering station is to enable Instrument Engineer to modify the existing software to suit their day to day requirements of the system and to configure additional hardware in the system online.

**Vendor qualification:**
1. Vendor should have supplied the proposed DCS model to major process industries. (Government concern is preferable).

2. Vendor should have proven track-record in supplying the DCS to Educational institutions.

3. Preferably Vendor should be the OEM (Original Equipment Manufacturer) of DCS.

ANNEXURE – II
PONDICHERY ENGINEERING COLLEGE, PUDUCHERRY – 605 014
TERMS AND CONDITIONS FOR TEQIP TENDER NOTICE

The persons and firms intending to offer rate for supply of laboratory and other articles and equipments for purchases through Shopping under TEQIP grant should observe the Terms and Conditions given below:

<table>
<thead>
<tr>
<th>A. GENERAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Quotations should be submitted in the attached format in the letterhead of the supplier. Authorized signatory should sign on all the pages. Quotations not in the attached format and without authorized signatures will be rejected. Quotations received after the due date will not be considered.</td>
</tr>
<tr>
<td>2. The quotations should be mailed in wax-sealed envelopes addressed to “The Principal, Pondicherry Engineering College, Puducherry – 605 014” with superscription “Quotation for the supply of ------------ (please mention the package name and TEQIP Ref. No.)”. Tenders in wax-sealed covers alone will be considered and others will be rejected.</td>
</tr>
<tr>
<td>3. Offer should be made for reputed brands/make. The manufacturers of the quoted make of the product must be of national/international repute and having ISO certificate. Goods not conforming to our specifications will be rejected. Samples/machine/equipment if called for should be submitted/demonstrated at free of charges, and collected back at the supplier’s expenses.</td>
</tr>
<tr>
<td>4. Vendors should quote only one price for each package/each item of a package. In case of multiple quoted price for a single item of different make/model, the make/model with a least price will be selected for Quotation Evaluation of the package.</td>
</tr>
<tr>
<td>5. Firms offering their quotations should not insist upon any condition of their own. The vendor shall not assign or sublet the contract to any other sub-vendor for supply of item/execution of work.</td>
</tr>
<tr>
<td>6. Acceptance of the quotation will rest with the Purchase Committee, Pondicherry Engineering College, Pondicherry which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all of the quotations received without assigning any reasons. The committee has the power to accept the material of higher cost if they are of reputed make and are as per the specifications.</td>
</tr>
<tr>
<td>7. The decision of the Purchase Committee in all matters relating to this tender shall be final and conclusive. The college 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. In case of any dispute, Puducherry courts shall have the legal jurisdiction.</td>
</tr>
<tr>
<td>8. Delay/loss in postal transit or due to any other reasons for the receipt of tender document will not be the responsibility of the college. The institute is not responsible for accidental opening of the covers that are not properly superscripted and sealed before the time scheduled for opening.</td>
</tr>
<tr>
<td>9. Quotations submitted by the vendors will be opened in front of vendors, who would choose to attend at 03.30 pm on the last date of submission of quotation.</td>
</tr>
</tbody>
</table>
### B. PRICES

10. The prices quoted should be including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/guaranty commitments, testing, commissioning and installation of equipment and training etc. **but exclusive of sales tax.** The College will not issue Form ‘C’/’D’.

11. If the prices are quoted expressing the cost of freight and other charges as ‘EXTRA’ then such quotations will be rejected.

12. The college is exempted from paying central excise duty and customs duty. Government of India DGS&D and Government of Pondicherry rate contracts will be placed on par with other tenders. The discount given to Educational Institution should be clearly mentioned and the same to be extended to our institute.

### C. PURCHASE

13. The requirements found in the schedule are only approximate. The tenderer should undertake to supply those requirements in excess or lesser to those specified in the schedule during the currency of the contract, as per the actual requirement of the College.

14. The order will be placed with the successful tenderer for the supply of items and the tenderer shall supply on receipt of requisition from the College to do so as and when necessary.

15. If the equipment/furniture/books and learning resources supplied are not to the satisfaction and they do not meet the requirements of the college, the same should be removed from the College immediately, at supplier’s own expenses, on receipt of intimation from this college.

16. The supply should be made at the supplier’s own risk. No insurance charge will be payable by the College. Damages and breakages, if found in transit, the equipment/furniture/books and learning resources thereof should be replaced, otherwise the cost will be deducted from the bill.

### D. EXECUTION OF CONTRACT

17. The whole supply/execution as per order shall have to be completed within the time mentioned in the order failing which the college shall have the right to accept or reject any quantity of goods ordered.

18. **Sample of stores items shall be produced for inspection by the College if required. The samples will be returned at the end of the supply.**

19. **The tenderer shall carry out the work/execute the contract in accordance with the drawings/specifications/requirements agreed to as per the contract and if any variation, while executing the task/contract is found necessary by the tenderer, he/she shall obtain the previous written approval of the Principal.**

20. **It is the responsibility of the tenderer to provide all facilities to the workers and officials employed by him/her to carry out the task, and the College will not pay any amount.**

21. **If factory inspection is required, the TA/DA of the officials of the college should be borne by the tenderer.**

### E. INSTALLATION

22. **Installation/demonstration (applicable to equipment, machineries, instruments, software, etc) if required, should be done by the tenderer at our premises free of cost.**

23. The articles/equipment should be commissioned and certified to be working satisfactorily by the supplier. After receipt of certificate from the supplier, the college through its authorized representatives reserves the right to make a final inspection of the working of the articles/equipment.
### F. PAYMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>24.</td>
<td>The tenderer shall submit bills in triplicate along with an advanced stamped receipt immediately after execution of the contract for arranging payment. The payment will be made on receipt of equipment/furniture/books and learning resources at site in good condition subject to fulfillment of all other terms and conditions of contract.</td>
</tr>
<tr>
<td>25.</td>
<td>Payment will be made in Indian Rupees by cheque after delivery of items in good condition and or commissioning of the equipment at this College. No advance payment can be made as per rules, negotiating documents through bank is not permissible. Partial payment, if any, will not be entertained till all the equipment/accessories associated with the proper functioning equipment/instrument are found to be working satisfactorily.</td>
</tr>
</tbody>
</table>
FORMAT FOR QUOTATION SUBMISSION  
(In letterhead of the supplier with seal)  

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of goods (with full Specifications)</th>
<th>Qty.</th>
<th>Unit</th>
<th>Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)</th>
<th>Total Price (A)</th>
<th>Sales tax and other taxes payable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>In %</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>In figures (B)</td>
</tr>
</tbody>
</table>

Total Cost

Gross Total Cost (A+B): Rs. ________________

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ________________ (Amount in figures) (Rupees ________________ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ________________ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier
Name: __________________
Address: __________________
Contact No: ________________