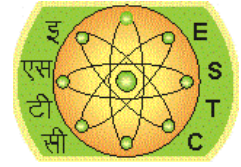




इलेक्ट्रॉनिकी सेवा एवं प्रशिक्षण केन्द्र
ELECTRONICS SERVICE & TRAINING CENTRE
भारत सरकार की सोसायटी
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Government of India Society



ESTC/SP/NC/2(5)/2018-19/92

Dated:23 /05/ 2018

Messers _____

Sub: **TENDER DOCUMENTS.**

Dear Sir,

Online Techno-Commercial tenders under Double bid system are invited from the manufacturers/suppliers for the DCS Trainer System.

A set of tender documents containing detailed specifications including terms and conditions for the DCS Trainer System is attached herewith as Annexure-I.

You are requested to fill up the tender document strictly as per the enclosed format. The specifications of the item offered by you must be indicated against our required specifications.

Last date for online receipt of tenders duly complete in all respects is 9th June 2018 before 5.00 PM. The Online techno-commercial bids shall be opened on 12th June 2018 at 11.00 AM.

Thanking you.

Yours faithfully,

Sd/-

(S.K. Chetti)
Principal Director

Encl: As above.

KANIYA, RAMNAGAR, DISTT.NAINITAL- 244715 (UTTARAKHAND)
Phone : (05947) 251201, 251294, 255951, 251530 Fax : (05947) 251294
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ANNEXURE-I

DCS Trainer Kit

Sr. No.	Performance Features	Features	Qty Per Set
DCS Trainer			
1	DCS Workstation/Panel	DCS Workstation which is floor mounted and made up of Aluminum profiles with screen printing on front panel with 4mm shrouded connector for each and every inputs and outputs, Built in Voltage and current source with indicator.MDF Desk should be provided with minimum dimensions of 1500mm x 900mm x 35mm(Thickness) on which two students can work at a time. Four revolving wheels should be provided for easy movement. Computer should be mounted on the workstation. Pedestal with 4 drawers in MDF should be provided with minimum total dimension of (wd-400mm x D-450mm x Ht-550mm),All electrical components along with monitor and PLC should be mounted on the vertical Aluminum panel.	1
1.	Commercial grade computer	CPU with Monitor should be provided with minimum specifications: Intel i3 5th Generation Processor, Monitor of 21" , Bluetooth Keyboard and Mouse, 1TB Hard Disk, 8 GB RAM and latest license operating system.	1
2.	DCS Make Siemens	DCS (PCS7) as Controller AS410 along with suitable Power Supply & Accessories, Having - CPU 410, 4 Battery, Memory Card.	1
3.	Ethernet switch	8 port	1
4.	Power Supply	Input 230 V AC, Output- 24 V DC, 6.2A	1
5.	Redundancy Support Bundle	ET 200PA	1
6.	Digital Inputs	32 Ch. Module	2
7.	Digital Output	32 Ch. Module	2
8.	Analog Inputs	16 Ch. Module	2
9.	Analog outputs	8 Ch. Module	2
10	Connector	Profibus	4

11	Cable	Profibus	20mtr
12	Software	PCS7 Operating (OS) License POS-300	1
		PCS7 AS License POS-300	1
		Simatic PCS7 OS Software Single Station V9.0	1

Note :

- Each digital inputs should be connected with toggle & Push button switches (NO & NC) with 4mm shrouded connectors for convenient to make the external connections.
- Each. digital outputs should be connected with 24V operated LED Lamp Indicator with 4mm shrouded connector for convenient to make the external connections.
- Each Analog Inputs & Outputs should be connected with 4mm shrouded connector for convenient to make the external connections.
- 8-Channel Relay Board of Reputed Make should also be provided.
- **Analog Source:-**One Current and one voltage source (0 – 10 V D C variable & 4- 20mA) should be required on board for convenient to simulate analog parameters on panel without any hardware interfacing. Potentiometer and DVM for voltage and current should be required on panel.
- **Power Source:-**03 Nos.GND and 03 nos. +24V supply on board with 4mm shrouded connector.
- **Power Supply unit (PU)** should be consisting of four three pin sockets with fuse protection and On-off switch facility.
- **Protection :-** On right side MCB, Power Socket 6A 3PIN, Tower light and Plastic protective cover.
- **Manual:** - Technical and User manual should be required in the form of Hard copy & Soft copy with video CD for each and every experiment.
- **Training-** Seven days training for two persons should be arranged at institute level at the time of Installation.

TERMS & CONDITIONS:-

1. The Online Techno-Commercial tender (Under Double Bid System) should be submitted.
2. The rates quoted should be on F.O.R. destination basis.
3. The tender/quotation should remain valid for 90 days from the date of opening of the tender.
4. The tender/quotation should be made in lump-sum price separately for any/each item.
5. In case available on DGS&D rate contract, please attach valid Registration Certificate.
6. 90% payment shall be made on receipt of the item in satisfactory condition & successful installation and balance within 30 days.
7. (a) A demand draft/ CBS Cheque amounting Rs 30,000/- (Rupees thirty thousand only) in the name of the Principal Director, Electronics Service & Training Centre payable at Ramnagar towards lump-sum amount of Earnest Money (Refundable) must be submitted at Electronics Service & Training Centre, Ramnagar by 9th June 2018 before 5.00 PM. The same will be forfeited, if the execution of the order is not made in time. The offers without Earnest Money Deposit will be considered as unresponsive and will be rejected.
(b) Parties registered with DGS&D/NSIC/Other under Government Store purchase programme are exempted from the payment of Earnest Money. A photocopy of the valid Registration Certificate must be attached with the Techno-Commercial Bid.
8. The Principal Director, Electronics Service & Training Centre, Ramnagar does not undertake any responsibility for online submission of tenders and also reserves the right to reject any or all the tenders either in the part or full without assigning any reason thereof.
9. The tender/quotation should be addressed to the Principal Director, Electronics Service & Training Centre, Ramnagar as “ **TENDER/QUOTATION FOR " DCS Trainer”** and should be submitted online latest by **9th June 2018 before 5.00 PM.**
10. The Online Techno-Commercial bids shall be opened online on **12th June 2018 at 11.00 AM.**
11. The Purchase Committee has the right not to accept the lowest rates quoted by the suppliers/ manufacturers without assigning any reason.
12. Non fulfilling of any of the conditions, the tenders/quotations are liable to be rejected.
13. The decision of the Purchase Committee shall be final and binding on all the parties.
14. Conditional, late, incomplete and telegraphic tenders or tenders without earnest money shall not be accepted.
15. The tender documents can also be downloaded from **Website: <https://eprocure.gov.in/cppp/>**

16. The manufacturers/ suppliers should clearly mention about the following points:-
- (i) Price quoted is on F.O.R. Destination basis.
 - (ii) Packing & Forwarding Charges.
 - (iii) GST Charges
 - (iv) Freight Charges.
 - (v) Transit Insurance.
 - (vi) Installation & Commissioning Charges.
 - (vii) Place of Inspection.
 - (viii) Delivery Period.
 - (ix) Manufacturing authorization certificate for the items quoted in tender.
 - (x) Guarantee/ Warrantee/Support.
 - (xi) Validity of offer.
 - (xii) Whether Earnest Money Deposited or Registered with DGS&D/NSIC/Other.
 - (xiii) Payment terms.
17. All disputes are subject to Nainital jurisdiction.

Sd/-

(S.K. Chetti)
Principal Director