

ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Visual Concert, VSX MPPlus Multipoint Software & Quad BRI Module.

Sir,

Principal Director ESTC invites the sealed quotations for the Visual Concert, VSX MPPlus Multipoint Software & Quad BRI Module as per the specification given and on the terms & conditions mentioned hereunder:-

Visual Concert, VSX MPPlus Multipoint Software & Quad BRI Module **01 No. each**

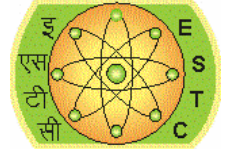
1. Polycom VSX Visual Concert with People + Content IP for Multimedia Data Sharing
2. VSX MPPlus Multipoint Software Option Licenses VSX 7000s
Allows 4-site (1+3) MP video calls
3. Quad BRI Module for VSX 7000s

Terms & Conditions:-

1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
3. 90% payment shall be made on receipt of the items in satisfactory conditions and successful testing. Balance 10% within one month.
4. An EMD of Rs.6000/- in the form of demand draft in favour of Principal Director, ESTC must be enclosed payable at Ramnagar, Distt. Nainital.
4. Envelope must be superscribed with quotation, item name, tender No. & date.
5. Quotation / envelop should be addressed to Principal Director and sent to the address Electronics Service & Training Centre, Kaniya, Ramnagar, Distt. Nainital (UK) – 244715
6. Prices must be FOR Destination or otherwise clearly mentioned alongwith taxes etc.
7. Delivery shall be completed within 2 weeks after receiving the order.
8. All disputes will be subject to jurisdiction of Distt. Nainital.

Yours faithfully,

(V.K. Gupta)
Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Polycom VSX 6000, Quad BRI Module for BSX 6000 and VSX Visual Concert.

Sir,

Principal Director ESTC invites the sealed quotations for the Polycom VSX 6000, Quad BRI Module for BSX 6000 and VSX Visual Concert as per the specification given and on the terms & conditions mentioned hereunder:-

Polycom VSX 6000, Quad BRI Module for BSX 6000 and VSX Visual Concert

01 No. each

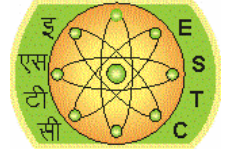
1. Polycom VSX 6000 includes VSX 6000 Codec, Integrated PTZ Camera, 1 Microphone array, English Remote, IP rate : 768Kbps, ISDN Data Rate : 512 Kbps
2. Quad BRI Module for VSX 6000
3. Polycom VSX Visual Concert with People + Content IP for Multimedia Data Sharing

Terms & Conditions:-

1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
3. 90% payment shall be made on receipt of the items in satisfactory conditions and successful testing. Balance 10% within one month.
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(V.K. Gupta)
Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Polycom VSX 7000s.

Sir,

Principal Director ESTC invites the sealed quotations for the Polycom VSX 7000s as per the specification given and on the terms & conditions mentioned hereunder:-

Polycom VSX 7000s

01 No.

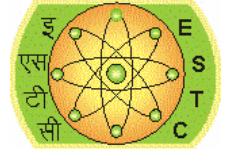
Polycom VSX 7000s Codec, integrated PTZ camera,
01 Microphone array, Subwoofer, Dual Display Support,
English Remote, IP Data Rate: 2Mbps,
ISDN Data Rate: upto 2 Mbps

Terms & Conditions:-

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(V.K. Gupta)
Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for 4th Axis and Cad-Cam Softwares for VMC.

Sir,

Principal Director ESTC invites the sealed quotations for the 4th Axis and Cad-Cam Softwares for VMC as per the specification given and on the terms & conditions mentioned hereunder:-

4th Axis and Cad-Cam Softwares for VMC

01 No. each

Specifications

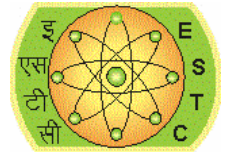
1. Full 4th Axis Rotary table system for VMC having travel X:Y:Z – 12” : 5.75” : 6”
2. 3D Software. Imports DXF, STL or BMP files and creates the 3D G-Code Tools path for contouring the surface
3. Cad-Cam Design and manufacturing Software

Terms & Conditions:-

1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
3. 90% payment shall be made on receipt of the items in satisfactory conditions and successful testing. Balance 10% within one month.
4. An EMD of Rs.5000/- in the form of demand draft in favour of Principal Director, ESTC must be enclosed payable at Ramnagar, Distt. Nainital.
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Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Vertical Machining Center.

Sir,

Principal Director ESTC invites the sealed quotations for the Vertical Machining Center as per the specification given and on the terms & conditions mentioned hereunder:-

Vertical Machining Center

01 No.

Specifications

1. Stepping Resolution 0.000125 in
2. Mechanical Repeatability 0.0005 in
3. Spindle Speed 1100-11000 RPM
4. Travel X = 12", Y = 5.75", Z= 6"
5. Rapid Travel of 30 in/min.
6. Universal Standard G – Code Import
7. Plugs directly into computer printer port
8. Box way Z – Axis assembly with ground steel plate and tapered brass gib.
9. Adjustable tapered brass gib on X – axis.
10. Ground steel sliding ways with adjustable brass gib.
11. Hard anodized aluminum table
12. ½ inch 20 pitch Cr-mo lead screws with adjustable split bronze nuts on all axes.

The Complete system should include:-

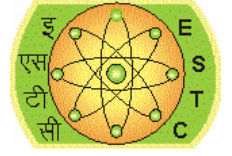
Spindle Motor ¼ HP, Pulley set with drive belt, 1/8", 3/6", ¼" collets with Collet closer, 200 oz-in stepping motors, Win Xp Control software interface, 4th Axis Amplifier and Port Include Input/Output Port Included, Printer cable, power cable, User's Manual

Terms & Conditions:-

1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
3. 90% payment shall be made on receipt of the items in satisfactory conditions and successful testing. Balance 10% within one month.
4. An EMD of Rs.7000/- in the form of demand draft in favour of Principal Director, ESTC must be enclosed payable at Ramnagar, Distt. Nainital.
4. Envelope must be superscribed with quotation, item name, tender No. & date.
5. Quotation / envelop should be addressed to Principal Director and sent to the address Electronics Service & Training Centre, Kaniya, Ramnagar, Distt. Nainital (UK) – 244715
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Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Single Phase Cycloconverter trainer.

Sir,

Principal Director ESTC invites the sealed quotations for the Single Phase Cycloconverter trainer as per the specification given and on the terms & conditions mentioned hereunder:-

Single Phase Cycloconverter trainer

03 Nos.

Specifications

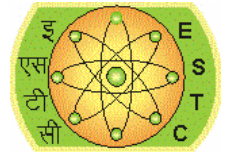
1. Power Supply requirement : 230V AC, 1 Phase 50 Hz.
2. Following parts provided on Single PCB with connecting terminals SCR- 4 Nos.
3. Load Resistors : 1 K 10W
4. AC mains Transformer with step down AC Voltages : 10-0-10V/250mA
5. Variable Firing angle Load ACRs
6. All parts are soldered on single pin TAGS on single PCB of size 12"x9"
With complete circuit diagram Screen printed.
7. Standard Accessories : 1. A Training Manual
8. Connecting Patch cords

Terms & Conditions:-

1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
3. 90% payment shall be made on receipt of the items in satisfactory conditions and successful testing. Balance 10% within one month.
4. An EMD of Rs.1000./- in the form of demand draft in favour of Principal Director, ESTC must be enclosed payable at Ramnagar, Distt. Nainital.
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5. Quotation / envelop should be addressed to Principal Director and sent to the address Electronics Service & Training Centre, Kaniya, Ramnagar, Distt. Nainital (UK) – 244715
6. Prices must be FOR Destination or otherwise clearly mentioned alongwith taxes etc.
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Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Discrete Component Trainer.

Sir,

Principal Director ESTC invites the sealed quotations for the Discrete Component Trainer as per the specification given and on the terms & conditions mentioned hereunder:-

Discrete Component Trainer

03 Nos.

Specifications

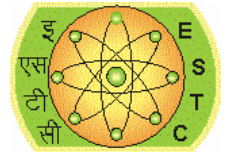
1. Semiconductors: Rectifying Diodes (Silicon) 6 Nos.
Single Diods: 02 Nos., Zener Diodes : 4 Nos.
Small signal Transistor : 6 Nos. (Bipolar Transistor)
Medium Power Transistor : 4 Nos., High Power Transistor : 4 Nos.
R.F. Transistor : 2 Nos., Matched Transistor Pair : 1 No.
FET: 2 Nos., MOSFET : 1 Nos. UJT: 1 Nos., PUT : 1 No.
Diac : 1 No., Triac : 1 No., SCR : 1 No. Thermistor: 2 Nos.
2. Resistors: ½ Watts Resistors : 56 Nos. (Different values), Potentiometers : 5 Nos.
3. Capacitors Electrolytic Capacitors : 8 Nos. (Different Values)
Polyester Capacitors : 4 Nos. (Different values).
Disk capacitors : 12 Nos. (Different values)
4. Coil Oscillator Coils (Inductors) : 2 Nos., A.F. and Power Transformer : 2 Nos.
I.F. Transformer (IFT) : 3 Nos., Loud Speaker : 1 Nos., Relay (12V): 1 No.
Electronic Load : 1 No.
5. Built-in Power Supplies : 5 V, 250mA, +15 V, 250mA, - 15V, 250mA, 9-0-9 V AC, 250mA
6. Built in Meters: Digital Multi Meters – 3 and ½ digits – 2 Nos.
7. Built in Signal Source ; Sine wave Generator: 20 Hz to 20 Khz in 3 range 0 to 10 Vpp.
Pulse Generator:10KHz to 1 Mhz in 2 range – TTL-Variable Pulse width
Audio Generator : 300Hz to 3.4 KHz – 0 to 5 Vpp.
8. Standard Accessories : A Instruction Manual, Connecting wires in assorted colours.

Terms & Conditions:-

1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
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4. An EMD of Rs.1000.- in the form of demand draft in favour of Principal Director, ESTC must be enclosed payable at Ramnagar, Distt. Nainital.
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5. Quotation / envelop should be addressed to Principal Director and sent to the address Electronics Service & Training Centre, Kaniya, Ramnagar, Distt. Nainital (UK) – 244715
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(V.K. Gupta)
Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Advanced Microcontroller Trainer with 89C61/89C52.

Sir,

Principal Director ESTC invites the sealed quotations for the Advanced Microcontroller Trainer with 89C61/89C52 as per the specification given and on the terms & conditions mentioned hereunder:-

Advanced Microcontroller Trainer with 89C61/89C52

03 Nos.

Specifications

1. 89C61 / 89C52 CPU operating @ 11.0592 MHz Crystal
2. 32K user RAM using 62256 with Battery Backup using NICD Battery
3. 16K bytes of powerful monitor EPROM using 27512
4. One memory socket is provided for expansion up to 64 K
5. On-board ISP programming facility with windows based ISP software
6. 48 I/O lines using 8255 brought at 26 pins FRC connector
7. Three channel timer/Counter using 8253
8. On-Board 12Bit ADC using AD574
9. On-Board 1 CH. DAC using DAC0800
10. On-Board Real Time Clock using RTC6242
11. AUX. RS-232C Interface using 8251 terminated on 9 pins D-Type Connector
12. 20x2 Alphanumeric LCD Display with Backlight
13. 101 ASCII Keyboard interface using 89C2051 operating @ 12 Mhz
14. Two External interrupts INTO & INTI are available at FRC connector
15. RS-232C using FS/TX of 8051 terminated on 9 pins D-Type Connector
16. Onboard Single Line Assembler / Disassembler
17. Two modes of operation: ASCII Keyboard Mode & Serial Mode
18. Powerful Commands like Examine/Edit Memory, Examine/Edit Register, Single stepping Execution, Break Point can be used through ASCII keyboard or PC serial mode.
19. Facility for Downloading/Uploading files from /to PC
20. All Address, Data, Control & Port lines are available on 50 pins FRC connector
21. In-Built Power Supply. 22. Enclosed in an attractive ABS plastic cabinet with cover
23. User's Manual with sample program.

Terms & Conditions:-

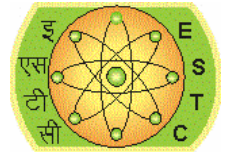
1. Your quotations should reach to this office by 30 March 2010 till 15.00 Hrs.
2. Pre receipted bill shall be submitted in duplicate duly signed on revenue stamp.
3. 90% payment after satisfactory conditions & testing at ESTC & balance within one month.
4. An EMD of Rs.1000./- in the form of demand draft in favour of Principal Director, ESTC must be enclosed payable at Ramnagar, Distt. Nainital.
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Yours faithfully,

(V.K. Gupta)

Sr. Scientific Officer

For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Digital Logic Trainer.

Sir,

Principal Director ESTC invites the sealed quotations for the Digital Logic Trainer as per the specification given and on the terms & conditions mentioned hereunder:-

DIGITAL LOGIC TRAINER

03 Nos.

Specifications

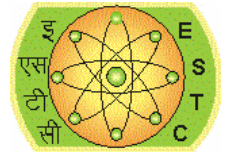
1. Power Supply : 230V AC, +10%
2. Built in Power Supply : +5V, 250mA
3. Clock generator : Variable from 10 Hz to 100 Hz.
4. Logics Provided : Logic Gates, AND, OR, NOT,
Flip flops – D, JK, Counter – Decade, Shift register
Number system, Boolean Algebra, Shift Register,
Multiplexer, Arithmetic logic unit, BCD to binary convertor,
Monistable multivibrator
5. Pulsar Switches : 1 Nos Bounce less with LED indication
6. High / Low Switches : 8 Nos. provided with LED indication to apply 0 & 1 level
7. LEDs : 8 Nos. provided for output/input level
8. Displays: 1 Nos. seven segment LED display with decoder IC for BCD input
9. Terminals : All terminals (2mm sockets)soldered properly to avoid loose connectors
10. Standard Accessories : 1. A Instruction Manual – 1 No.
11. Connecting wires – 10 Nos.

Terms & Conditions:-

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(V.K. Gupta)
Sr. Scientific Officer
For Store & Purchase Officer



ESTC/SP/NC/2(5)/2008-09/

20 Mar. 2010

Sub: Limited tender inquiry for Rockwell Hardness Tester.

Sir,

Principal Director ESTC invites the sealed quotations for the Rockwell Hardness Tester as per the specification given and on the terms & conditions mentioned hereunder:-

ROCKWELL HARDNESS TESTER

01 No.

Specifications

Maximum load kgf	150
Minor load kgf	10
Maximum test height (mm) with 50 mm dia flat Anvil	230
Depth of throat (mm)	155
Maximum depth of elevating screw below base (mm)	240
Elevating screw dia (mm)	44
Size of base (mm)	170x475

Accessories

Calibrated weight set kgf.	60,100, 50
Suitable Dial Gauge	1 pc.
Flat testing table 50mm, dia	1 pc.
Testing table 40mm dia with vee groove	1 pc.
Sphero conical diamond cone penetrator 120 degree	1 pc.
1/16" dia steel ball indenter with extra 5 balls	1 pc.
Test Block Rockwell C	1 pc.
Test Block Rockwell	1 pc.
Allen Spanner	2 pcs.
Clamping device	1 pc.
Dashpot Oil	1 bottle
Instruction Manual	1 book
Collapsible cover for main screw protection	1 pc.
Storage case for accessories	1 pc.

Terms & Conditions:-

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Sr. Scientific Officer
For Store & Purchase Officer



सूक्ष्म, लघु एवं मध्यम उद्यम
Micro, Small & Medium Enterprises
MSME – TECHNOLOGY DEVELOPMENT
CENTRE RAMNAGAR

इलेक्ट्रॉनिकी सेवा एवं प्रशिक्षण केन्द्र

ELECTRONICS SERVICE & TRAINING CENTRE

भारत सरकार की सोसायटी

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Society

Ministry of Micro, Small & Medium Enterprises



ESTC/SP/NC/2(5)/2008-09

20 Mar. 2010

Sub: Limited tender inquiry for Brinell Hardness Tester.

Sir,

Principal Director ESTC invites the sealed quotations for the Brinell hardness Tester as per the specification given and on the terms & conditions mentioned hereunder:-

BRINNEL HARDNESS TESTER

01 No.

Specification

Load Range	250kgf, upto 3000 kgf in the stages of 250 kgf.
Drive	0.25/0.33 HP flange mounted electric motor
Max. test height	410mm
Depth ;of throat	200mm
Size of base	670x380mm

Accessories

A loading pan and eleven loose weights	1 Set
Testing table 200mm dia	1 pc.
Testing table 70mm-dia with Vee Groove	1 pc.
Steel ball penetrator 5mm dia with 5 spare balls	1 Set
Steel ball penetrator 10mm dia with 5 spare balls	1 Set
25 x Brinellve & Microscope with achromatic objective & light	1 pc.
Alien spanners	2 pcs.
Automatic zero setting dial gauge	1 pc.
Telescopic cover for main screw protection	1 pc.
Standardised test block HP 5/750	1 pc.
Standardised test block HP 10/3000	1 pc.
Storage box for standard accessories	1 pc.
Instruction Manual	1 book

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Yours faithfully,

(V.K. Gupta)
Sr. Scientific Officer
For Store & Purchase Officer

KANIYA, RAMNAGAR, DISTT.NAINITAL- 244715 (UTTARAKHAND)
Phone : (05947) 251201, 251294, 255951, 251530 Fax : (05947) 251294
E-mail: pd_estc@sancharnet.in Web Site: <http://www.estcindia.com>

