TENDER DETAILS

Sub: Inviting Quotations for installation of “DIGITAL DISPLAY SYSTEM” at Kanchipuram on turnkey basis – Reg.

With reference to the subject cited above, I am to inform that this Institute invites quotation in two bid system through e-procurement for installation of Digital Display System on turnkey basis at GOVT. ANNA SILK EXCHANGE, KANCHEEPURAM, TAMILNADU. You are therefore requested to submit your Bids as per the specification enclosed:-

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of the Equipment and specifications</th>
<th>Qty.</th>
<th>DELIVERY PERIOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>DIGITAL DISPLAY SYSTEM on turnkey basis as per specifications enclosed</td>
<td>1 No.</td>
<td>30 days</td>
</tr>
</tbody>
</table>

The above equipment should be supplied and installed at GOVT. ANNA SILK EXCHANGE, KANCHEEPURAM, TAMILNADU. For further details or clarifications, if any, please contact the Scientist D’, Silk Conditioning & Testing House, CSTRI, CSB, Kancheepuram. Phone No.044-27230499 Mobile No. 08050630497 Email: scthkan.csb@nic.in

-:- TERMS & CONDITION :-

1. The quotations in two bid (Technical Bid & Financial Bid) system should be uploaded in e-procure website www.eprocure.gov.in. The last date for uploading the bid is 14.11.2018 at 2 P.M. The Technical Bids will be opened on 15.11.2018 at 3.00 P.M.

2. The Financial bids of the technically qualified parties will be opened subsequently after evaluation of the technical bids under intimation to the concerned parties through e-mail.

P.T.O
2. Financial Bids should consist of UNIT PRICE, Excise Duty Insurance, Packing & Forwarding, Errection & Commissioning, Transportation Charges, All Taxes etc.,

3. 2% EMD on the total quoted value should be paid in the form of Demand Draft/Bankers Cheque drawn in favour of the Director, CSTRI, Bangalore in sealed cover superscribing as “EMD for quotation DIGITAL DISPLAY SYSTEM”, to this office. Please note that cheques will not be accepted. The EMD does not carry any interest. Quotation received without EMD will summarily be rejected.

4. The Supplier shall provide Warranty/Guarantee valid for a minimum period of 12 months from the date of installation of the equipment / machineries. Any defects noticed in the equipment /machineries which is unintentional shall be set right by the supplier free of cost for good performance of the equipments.

5. The equipment should be supplied strictly in conformity of the above specifications, failing which, the equipment has to be taken back at your own cost.

6. Liquidated damages for delay & non supply @ 0.5% will be deducted from the bill per week for not supplying the item within the stipulated time subject to a maximum of 10% of the total cost of the equipment.

7. The performance security equivalent to 5% of the total contract value in the form of Bank Guarantee issued by any Nationalized Bank which shall be valid till three months after the expiry of the Warranty period should be furnished to this Institute within 10 days from the date of receipt of purchase order in the prescribed format.

8. No advance payment will be paid. The payment will be released only after delivery of the equipment in good condition as per our specification, erection and commissioning.

9. The bidders should submit the Bank Details i.e., Bank A/c.No., Bank Name, Branch, IFSC code. Etc. along with quotation.

Encl: as above.

DIRECTOR

To
## SPECIFICATION FOR THE INSTALLATION OF DIGITAL DISPLAY SYSTEM ON TURNKEY BASIS

<table>
<thead>
<tr>
<th>#</th>
<th>Description of Goods</th>
</tr>
</thead>
</table>
| 1  | OFC Cable  
OS2 -Low water Peak Fibre Cable 6F core Loose Tube (Unitube) CSTA SM with Corning SMF-28e+ Full Spectrum with Improved Microbend Performance Fibre core. With an operational temperature of -300C to+700C  
(OFC armoured cable, Six core, Single Mode), Jelly filled Loose Tube, Optical fibers & Ripcord and outer sheath, Corrugated steel Armoured  
*operating Temperature : -20 deg C to + 60 deg C  
*Storage tempreature : -40 deg C to + 60 deg C  
*Jacket Material : LSZH /HDPE  
*Cable Size : 4F to 12F  
*standard Length : 4 Kms ± 10%  
*HDPE - High Density Poly Ethylene  
*LSZH - Low Smoke Zero Halogen |
|    | 150 Mtrs.                          |
| 2  | HDPE Pipe - 1"  
1.5meter feed cable and 3 pin plug, (1) shelf 255m, (1) Fan 203v 90 cfm, (1) cable manager 1U pvc loops, Hardware pkt of 10 (Assembled)  
(19" 4U Wallmount Single Section Rack with Front Toughened , Lock & Key) Accessories:  
Fan (Roof Top Mounted), Horizontal Power Manager (6x5Amp), Hardware Screws (Pack of 10) |
|    | 2 Nos.                             |
| 3  | Network Rack FLEXIBOX 19", 4U/500MMD 1 SECN with front glass door cam lock, (1) PDU 6x5Aamp and  
1.5meter feed cable and 3 pin plug, (1) shelf 255m, (1) Fan 203v 90 cfm, (1) cable manager 1U pvc loops, Hardware pkt of 10 (Assembled)  
(19" 4U Wallmount Single Section Rack with Front Toughened , Lock & Key) Accessories:  
Fan (Roof Top Mounted), Horizontal Power Manager (6x5Amp), Hardware Screws (Pack of 10) |
|    | 2 Nos.                             |
| 4  | LIU Light guide Interconnect unit (LIU)  
6 Fibre SC-Style, Single mode, Compact LIU, RoHS Compliant Powder Coted Metal Box and Splice tray & Fire Retargeted Cable Spools. Fully Loaded with SC adapter Plates, Couplers with SC-Style Pigtailes. |
|    | 2 Nos.                             |
| 5  | Media Converter(Single Mode Media Converter Trans receiver)  
*Data Transfer Distance: Min 500 Metres  
*Standards and Protocal: IEEE802.3ab, IEEE802.3a, IEEE802.3z,  
*Ports : 1 X1000M SC Port, 1 X 1000M RJ45 Port(Auto MDI/MDIX)  
*Network Media 1000Base-T : UTP Category 6 cable  
*IEEE802.3u100BASE-TX, 100BASE-FX (Fast Ethernet, 100Mbps)  
*Supports Full Duplex Ethernet Mode  
*Fiber Optic Connectors:  
*Two connectors are provided for fiber optic cable connection. One is labeled "Tx" for Transmission of optical data; the other is labeled "Rx" for reception of optical data  
*Ethernet Connectors:  
-Standard RJ-45 port is provided for connecting toEthernet.  
Dimensions: - 130(L) x 100 (B) x 30(H) mm  
Power Input: - 9 Volts 1A AC Adapter DFE-855S-50i:  
*Wavelength 1310 nm  
*Fiber distance : Single mode 50Km  
*Fiber : 9/125um Singlemode Fiber  
Make:IKSHU |
<p>|    | 2 Nos.                             |
| 6  | Accessories for item required for networking Pigtail, coupler patcard, Etc….          |
|    | 1 Set                              |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
</table>
| 7   | **Professional Monitor**  
Screen Size: 55 (139 cm) diagonal  
Aspect Ratio: 16 : 9, Panel Technology : IPS, Digital (With HDCP2.2) : HDMI 2.0(1), DVI-D : Yes(1), HDTV Formats : HDMI : 720p, 1080i, 1080p,  
External Media player Attachable : Yes (MP500/MP700), Operation Humidity :10 % to 80 %, Internal Memory : 4 GB, Wi-Fi : 802.11n combo built-in | 1 |
| 8   | **Mini Tower BTX**  
*TPM Enabled  
* Intel Core i5-6500 Processor (Quad Core, 6MB, 4T, 3.2GHz, 65W)  
* OptiPlex 3040 MT with 240W Standard Power Supply (APFC)  
* DVD+/-RW Bezel  
* 8GB (1x8GB) 1600MHz DDR3L Memory  
* 3.5 inch 1TB 7200rpm Hard Disk Drive  
* Mini Tower Processor Heatsink 65 Watt  
* Tray load DVD Drive (Reads and Writes to DVD/CD)  
* Monitor Power Cord (EURO-INDIA),6A  
* Intel Core i5 Processor Label  
* Dell E Series E2216H 21.5" Wide Screen Monitor with LED Back Light  
* Intel Integrated Graphics, Dell OptiPlex  
* No PCIe add-in card  
* Dell Adapter - DisplayPort to HDMI  
* No Wireless  
* Dell Optical Mouse-MS116 - Black  
* Dell Entry Keyboard KB216 Black , US International (QWERTY)  
* Dell Applications for Windows 8.1  
* OS Recovery  
* Fixed Hardware Configuration Software  
* Cyberlink Software for Windows 8 with media  
* Windows(R) 8.1 Pro (64Bit) English  
* Windows 8.1 DVD OS Recovery(English)  
* Microsoft Office 30 Day Trial - Excludes Office License | 2 |
| 9   | **HDMI Cable** | 1 |
| 10  | 1 KVA online double conversion UPS with backup for 1 hour (26AH*3NOS) Batteries | 2 |
| 11  | Installation & testing Commsioning, digging road crossing cable laying and splicing | 1 |