



Dec/2011

Tender Notification No. Dec/2011

**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**BIDDER'S COPY**

**INSTRUCTIONS TO BIDDERS**

1. This document set contains the following:
 

|  |   |              |
|--|---|--------------|
| a) Terms and conditions of the Tender                | - | Pages 2 & 3  |
| b) Details of the Firm offering this Quote           | - | Page 4       |
| c) Technical Compliance & Quotation form (Price Bid) | - | Page 5 to 18 |
| d) NIT-T's check list copy                           | - | Page 19      |
2. The bidder's copy is for your future records. Please fill in and return only NIT-T's copy.
3. Read through the terms and conditions given and affix your signature and seal if you find them acceptable. Any deviations may be recorded. Read carefully the list of specifications that we have enclosed.
4. Fill in the questionnaire regarding the Firm.
5. The downloaded documents '**Technical Compliance Form**' cum '**Quotation Form (Price Bid)**' should be **TYPE WRITTEN USING CAPITAL LETTERS ONLY**. At the time of filling the **Form** make sure that you have not missed anything. Specify the model number & specification for each item. The form should be filled item-wise. Do not leave blank fields. If you are not quoting for a specific item, you should specify "**NOT QUOTING**".
6. Firms not meeting the NITT specification which are listed as optional may not lead to rejection, but would be added advantage to meet these optional specifications. But, not meeting any of the other specifications will definitely lead to rejection of the offer.
7. **Do not use** ambiguous terms like "**yes**", "**complied**" or "**available**". Specifically mention the matching specification of the product offered by you. Make sure that you have affixed your signature with date and seal on all the documents.
8. Please send the tenders in a sealed envelope superscribed as "**QUOTATIONS AGAINST TENDER NOTIFICATION NO: Dec/2011 Item No. CSG 21 : LCD/DLP Projectors**" so as to reach "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015, India" on or before **December 22, 2011 at 2.30 p.m.**
9. For any further clarifications, contact by E-Mail: [purchase@nitt.edu](mailto:purchase@nitt.edu) or by written request to "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015"
10. DO NOT VISIT US WITHOUT OUR CONCURRENCE.

**Last Date for receipt of tender at NIT-T** : **December 22, 2011 at 2.30 PM**  
**Opening Date for Tender** : **December 22, 2011 at 3.30 PM**

| CHECKLIST TO BE FILLED IN BY BIDDER               |                    |
|---|--------------------|
| List of documents to be enclosed                  | Completed & Signed |
| 1. Terms and Conditions form                      | YES / NO           |
| 2. Details of the Firm offering this Quote        | YES / NO           |
| 3. NIT-T's Quotation form (Technical & Price Bid) | YES / NO           |
| 4. Other technical specifications & pamphlets     | YES / NO           |

- Note:** 1. "Cover" should contain the following:
- a. Form of "**Acceptance of Terms and Conditions**".
  - b. Form of "**Firms details**"
  - c. Pamphlets, if any.
2. Quotation Form (Technical & Price Bid)

Please retain this page with you for your future reference.

**BIDDER'S COPY**



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**“TERMS AND CONDITIONS FORM”**

**IMPORTANT : READ ALL THE FOLLOWING TERMS AND CONDITIONS AND  
SIGN THE ACCEPTANCE CLAUSE FOLLOWING IT**

1. The offers should be addressed to “The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli 620015, India” and should be sent in a sealed envelope superscribed “**QUOTATIONS AGAINST TENDER NOTIFICATION No.: Dec/2011 Item No. CSG 21 : LCD/DLP Projectors**” so as to reach us **on or before 2.30 p.m. on December 22, 2011** .
2. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be considered.
3. The tenders will be opened on **December 22, 2011 at 3:30 p.m.** in the presence of the vendors present with authorization letter from the respective companies / firms. Suppliers intending to attend the tender opening should intimate us in advance.
4. Full technical specifications and pamphlets should be sent along with the tenders. **Offers without proper technical specifications will be rejected.**
5. All offers should indicate the taxes and duties applicable, if any. Additional charges for packing, forwarding, freight, insurance etc., if any, should be clearly mentioned. Clearance at Customs will be arranged by us.
6. NIT-T is paying concessional Customs & Excise duty under Government of India Notification No.51/96 for Central Customs and 10/97 for Central Excise Duty vide Certificate No.TU/V/RG-CDE(183)/2011 dt.10.10.11. Currently the purchaser is paying 5% Basic Customs Duty, 2% Educational Cess on Basic Customs Duty, 1% Higher Education Cess on Educational Cess, and 4% Import Additional Duty.
7. The Institute is not authorized to issue C and D forms of Sales tax certificate.
8. In case the offered items are to be imported, the rates should be quoted in foreign currency on C.I.F. Chennai Airport basis, and it should include the Freight up to Chennai airport and the insurance cover should be up to National Institute of Technology, Tiruchirappalli. NIT-T shall pay Customs duty if any.
9. If the price quoted is in foreign currency and if the order value is more than US\$10,000 then 100% payment will be made through **Letter of Credit (LC) at sight on acceptance**. If the order value is less than US\$10,000, then 100% payment will be through a Telegraphic Transfer (TT). **The bank charges outside India should be borne by the Supplier / Beneficiary**. If the price quoted is in Indian Rupees, then 100% payment will be made only after installation and commissioning. **No advance payment will be made.**
10. No revision of the price bid will be allowed once the price bids are opened.
11. No increase in price will be allowed after our firm orders are placed.
12. The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned.
13. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter should accompany your quote for each product quoted, otherwise it may lead to rejection.
14. The delivery period and other terms should be clearly mentioned.
15. Complete user, technical and service documentation, and spare parts catalogue are to be provided along with the supply of the item.

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**



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16. The vendors are informed that they should not call us over phone or contact us in person. All clarifications can be obtained through E-Mail/FAX/Post. Vendors shall not make attempts to establish unsolicited and unauthorised contact with us after the opening of the offers and prior to the notification of the award. Any attempt by any vendor to bring to bear extraneous pressures on us shall be sufficient reason to disqualify the vendor.
17. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
18. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
19. The tender should be made only on the "Technical compliance form" & "Quotation form" which is available in our website, otherwise it shall lead to rejection. The technical compliance form & Quotation form should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the features offered by the bidder against each specification.
20. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
21. The manufacturers of the quoted make of the product must be of national / international repute and having ISO certificate.
22. **The vendors are informed that they should sign a stamp paper agreement with us, for Warranty, AMC, Projector Spare Lamp and service support by OEM for minimum 7 years etc. before placing the final purchase order as per our terms & conditions and 5% of purchase order value (for projectors) in the form of bank guarantee towards performance security. The bank guarantee will be returned to the supplier after the successful completion of supply, installation, and warranty period.**
23. No Earnest Money Deposit (EMD) or processing fee is required for submitting this rate contact.
24. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
25. Vendors are informed that once the companies are shortlisted based on the technical specification, only then the price bids of the firms that meet NIT-T's Technical specification / requirements would be compared.
26. Firms not meeting the NITT specification which are listed as optional may not lead to rejection, but would be added advantage to meet these optional specifications. But, not meeting any of the other specifications will definitely lead to rejection of the offer.
27. The rate contract period is from January 1, 2012 to December 31, 2012 for new requirements / expansion as and when it arises. The quoted prices should be valid for the entire rate contract period.
28. NIT-T reserves the right to modify or alter the specifications after short listing of tenderers.
29. NIT-T reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
30. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
31. Apart from the above General Terms and Conditions, item-wise terms and conditions are enlisted in the Technical compliance form and Quotation form.

\*\*\*\*\*

**ACCEPTANCE**

We accept the above terms and conditions and shall comply with them strictly.

**NAME OF THE VENDOR:**

**ADDRESS :**

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**



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**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015**

**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**“DETAILS OF THE FIRM OFFERING THIS QUOTE”**

(Write or print or type in block letters and please answer all the questions)

- 1. Name of the firm?  2. Date of incorporation?
- 3. Nature of the company - Government / Public / Private Company / Partnership / Proprietorship:
- 4. Specify the number of years in this line of activity by the Company ::

5. Quantity of sales in the last three years for the LCD/DLP Projectors (same model that you have quoted)?

| 2008-2009            | 2009-2010            | 2010-2011            |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

6. Turn over in the last three years (Figures should be in Indian Rupees in Lakhs) duly supported by the audited annual accounts reports of respective years:

| 2008-2009            | 2009-2010            | 2010-2011            |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

7. Provide the postal address, telephone & fax numbers, and email address of the nearest service center.

8. A) Number of service engineers in the above location trained on the product quoted along with their educational qualification, certification and designation and B) Assured response time for service calls in hours:

A)

B)

9. What would be the delivery period in days from the date we place an official purchase order.

11. Enclose the list of customers to whom you have supplied “LCD Projectors” during the last 3 years ending 31/03/2011 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “LCD Projectors” from the minimum three end users should be furnished.

12. Are you the authorized dealer or distributor or reseller for the products quoted:

13. Have you supplied “LCD/DLP Projectors” to National Institute of Technology, Tiruchirappalli in the last 3 years? If yes, specify the quantity supplied in the last 3 years  and last PO reference

14. Was there any elapse or delay in supplying the goods ordered or any service related issue during the warranty period for the products ordered by NIT-T with your firm? If yes, provide details.

15. On Manufacturer’s Side to whom NITT have to contact in case of delayed supply and other issues committed by the authorized dealer / distributor / reseller :

|                       |                          |
|-----------------------|--------------------------|
| Contact Person Name : |                          |
| Address :             |                          |
| E-mail ID :           | Telephone / Cell Phone : |



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**NATIONAL INSTITUTE OF TECHNOLOGY  
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**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-1: 2500 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI # | NIT-T's specifications   | Firm's Offer<br>(All the details should be specified) |
|------|--|---|
| 1.   | Specify Make / Brand name  |   |
| 2.   | Specify Model Number   |   |
| 3.   | Type of Projection (LCD or 3LCD or DLP)  |   |
| 4.   | Drive System / Technology (TFT active matrix, etc.)  |   |
| 5.   | Image Brightness : Min. 2500 ANSI Lumens or higher   |   |
| 6.   | Image Contrast Ratio 2000:1 or higher  |   |
| 7.   | Image Aspect Ratio (like 4:3, 16:9 etc.)   |   |
| 8.   | Number of Pixels   |   |
| 9.   | Diagonal Image / Screen Size range in Inch<br>(minimum 30" to 300" required)   |   |
| 10.  | Projection / throw distance range in meters<br>(minimum 1m to 10 m required)   |   |
| 11.  | Zoom ratio (eg.1:1.1), specify   |   |
| 12.  | Digital Zoom, (specify in x if available)  |   |
| 13.  | Lens Power/ focal length, f, Specify f in mm   |   |
| 14.  | Projection Lens Aperture, Specify in F   |   |
| 15.  | True XGA resolution 1024x768 (native resolution)   |   |
| 16.  | Maximum resolution supported by the projector under<br>compressed / resize mode.<br>Should support UXGA resolution 1600 x 1200 |   |
| 17.  | Horizontal resolution, min. 550 TV lines (optional)  |   |
| 18.  | Max Sync Rate / Scanning Frequency (V x H) in Hz   |   |
| 19.  | Number of Colors (24-bit, 16.7 Million)  |   |

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**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-1: 2500 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI #  | NIT-T's specifications  | Firm's Offer<br>(All the details should be specified) |
|---|---|---|
| 20.   | Inbuilt Speakers, specify speakers output watt  |   |
| 21.   | Lamp Type & Watt  |   |
| 22.   | Life of the lamp in hours, should be 3000 hours or more   |   |
| 23.   | Color System PAL / SECAM / NTSC / HDTV  |   |
| 24.   | Control Panel on unit & Menu Driven   |   |
| <b>Inputs (Necessary interface cables for the quoted LCD Projector should be provided along with the Projector)</b> |   |   |
| 25.   | 2 x VGA Inputs (2x15 pin D-sub connectors)  |   |
| 26.   | VGA output (1x15 pin D-sub connectors) for loop-through   |   |
| 27.   | HDMI –in (Optional)   |   |
| 28.   | Video – in (1x RCA jack for CVBS signal)  |   |
| 29.   | S-Video – in (1x 4-pin mini-DIN for Y/C signal)   |   |
| 30.   | Audio – in and Audio – out<br>(1x 3.5 mm stereo mini phone jack)  |   |
| 31.   | USB port (for presentation remote)  |   |
| 32.   | Presentation Remote Control with wireless receiver unit required for changing slides  |   |
| 33.   | Remote should have the following features<br>Power on/off, Menu, Volume up/down, Page up / Page Down (for changing slides), Keystone correction, Source selection, Blank Screen |   |
| 34.   | Vertical Digital Keystone Correction, min. $\pm 30^\circ$ required  |   |
| 35.   | Horizontal Digital Keystone Correction, min. $\pm 30^\circ$ required (Optional)   |   |

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**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-1: 2500 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI # | NIT-T's specifications  | Firm's Offer<br>(All the details should be specified) |
|------|---|---|
| 36.  | Power Supply, 200-240V, 50Hz  |   |
| 37.  | Operational Power Consumption in Watts, Should be less than 275 W at Full Power   |   |
| 38.  | Dimensions W x L x H in mm  |   |
| 39.  | Weight in kg (should be less than 2.5 kg)   |   |
| 40.  | Soft Carrying case should be provided.  |   |
| 41.  | Environmental Parameters:<br>a. Operating temperature (5 to 35° C)<br>b. Humidity (up to 80%)<br>c. Noise Level, should be less than 35 dBA |   |
| 42.  | 3 Years Comprehensive On-site Warranty  |   |
| 43.  | Lamp, should be provided with min 6 months warranty   |   |
| 44.  | PRICE (Inclusive of 3 years onsite warranty & all taxes)  |   |
| 45.  | Spare Lamp Price (per unit)   |   |
| 46.  | Price for any other optional item   |   |

**Note:** The Vendor should give an undertaking stating that they would supply the Spare Lamp as and when requested for a period of minimum 7 years.

The OEM should give an undertaking that Projector Spare Lamp and Service Support would be there for minimum 7 years.

**SIGNATURE WITH DATE**

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**Item No. CSG 21 : LCD/DLP Projectors  
TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-2: 3500 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI # | NIT-T's specifications   | Firm's Offer<br>(All the details should be specified) |
|------|--|---|
| 1.   | Specify Make / Brand name  |   |
| 2.   | Specify Model  |   |
| 3.   | Type of Projection (LCD or 3LCD or DLP)  |   |
| 4.   | Drive System / Technology (TFT active matrix, etc.)  |   |
| 5.   | Image Brightness : Min. 3500 ANSI Lumens or higher   |   |
| 6.   | Image Contrast Ratio 2000:1 or higher  |   |
| 7.   | Image Aspect Ratio (like 4:3, 16:9 etc.)   |   |
| 8.   | Number of Pixels   |   |
| 9.   | Diagonal Image / Screen Size range in Inch<br>(minimum 31" to 300" required)   |   |
| 10.  | Projection / throw distance range in meters<br>(minimum 1.5 m to 10 m required)  |   |
| 11.  | Zoom ratio (eg.1:1.2), specify   |   |
| 12.  | Digital Zoom, (specify in x if available)  |   |
| 13.  | Lens Power/ focal length, f, Specify f in mm   |   |
| 14.  | Projection Lens Aperture, Specify in F   |   |
| 15.  | True XGA resolution 1024x768 (native resolution)   |   |
| 16.  | Maximum resolution supported by the projector under<br>compressed / resize mode.<br>Should support UXGA resolution 1600 x 1200 |   |
| 17.  | Horizontal resolution, min. 550 TV lines (optional)  |   |
| 18.  | Max Sync Rate / Scanning Frequency (V x H) in Hz   |   |

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**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-2: 3500 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI #  | NIT-T's specifications  | Firm's Offer<br>(All the details should be specified) |
|---|---|---|
| 19.   | Number of Colors (24-bit, 16.7 Million)   |   |
| 20.   | Inbuilt Speakers, specify speakers output watt  |   |
| 21.   | Lamp Type & Watt  |   |
| 22.   | Life of the lamp in hours, should be 3000 hours or more   |   |
| 23.   | Color System PAL / SECAM / NTSC / HDTV  |   |
| 24.   | Control Panel on unit & Menu Driven   |   |
| <b>Inputs (Necessary interface cables for the quoted LCD Projector should be provided along with the Projector)</b> |   |   |
| 25.   | 2 x VGA Inputs (2x15 pin D-sub connectors)  |   |
| 26.   | VGA output (1x15 pin D-sub connectors) for loop-through   |   |
| 27.   | HDMI –in (HDCP compliant)   |   |
| 28.   | Video – in (1x RCA jack for CVBS signal)  |   |
| 29.   | S-Video – in (1x 4-pin mini-DIN for Y/C signal)   |   |
| 30.   | RS232 – in (1x mini-DIN 6-pin)  |   |
| 31.   | RJ45 connector for control of projector through network   |   |
| 32.   | Audio – in and Audio – out<br>(1x 3.5 mm stereo mini phone jack)  |   |
| 33.   | USB port (for presentation remote)  |   |
| 34.   | Presentation Remote Control with wireless receiver unit required for changing slides  |   |
| 35.   | Remote should have the following features<br>Power on/off, Menu, Volume up/down, Page up / Page Down (for changing slides), Keystone correction, Source selection, Blank Screen |   |

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**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-2: 3500 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI # | NIT-T's specifications  | Firm's Offer<br>(All the details should be specified) |
|------|---|---|
| 36.  | Vertical Digital Keystone Correction, min. $\pm 30^\circ$ required  |   |
| 37.  | Horizontal Digital Keystone Correction, min. $\pm 30^\circ$ (Optional)  |   |
| 38.  | Power Supply, 200-240V, 50Hz  |   |
| 39.  | Operational Power Consumption in Watts, Should be less than 300 W at Full Power   |   |
| 40.  | Dimensions W x L x H in mm  |   |
| 41.  | Weight in kg (should be less than 2.5 kg)   |   |
| 42.  | Soft Carrying case should be provided.  |   |
| 43.  | Environmental Parameters:<br>a. Operating temperature (5 to 35° C)<br>b. Humidity (up to 80%)<br>c. Noise Level, should be less than 35 dBA |   |
| 44.  | 3 Years Comprehensive On-site Warranty  |   |
| 45.  | Lamp, should be provided with min 6 months warranty   |   |
| 46.  | PRICE (Inclusive of 3 years onsite warranty & all taxes)  |   |
| 47.  | Spare Lamp Price (per unit)   |   |
| 48.  | Price for any other optional item   |   |

**Note:** The Vendor should give an undertaking stating that they would supply the Spare Lamp as and when requested for a period of minimum 7 years.

The OEM should give an undertaking that Projector Spare Lamp and Service Support would be there for minimum 7 years.

**SIGNATURE WITH DATE**

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**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-3: 4250 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI # | NIT-T's specifications   | Firm's Offer<br>(All the details should be specified) |
|------|--|---|
| 1.   | Specify Make / Brand name  |   |
| 2.   | Specify Model  |   |
| 3.   | Type of Projection (LCD or 3LCD or DLP)  |   |
| 4.   | Drive System / Technology (TFT active matrix, etc.)  |   |
| 5.   | Image Brightness : Min. 4250 ANSI Lumens or higher   |   |
| 6.   | Image Contrast Ratio 2000:1 or higher  |   |
| 7.   | Image Aspect Ratio (like 4:3, 16:9 etc.)   |   |
| 8.   | Number of Pixels   |   |
| 9.   | Diagonal Image / Screen Size range in Inch<br>(minimum 40" to 350" required)   |   |
| 10.  | Projection / throw distance range in meters<br>(minimum 1.5 m to 10 m required)  |   |
| 11.  | Zoom ratio (eg.1:1.2), specify   |   |
| 12.  | Digital Zoom, (specify in x if available)  |   |
| 13.  | Lens Power/ focal length, f, Specify f in mm   |   |
| 14.  | Projection Lens Aperture, Specify in F   |   |
| 15.  | True WXGA resolution 1280 x 800 (native resolution)  |   |
| 16.  | Maximum resolution supported by the projector under<br>compressed / resize mode.<br>Should support UXGA resolution 1600 x 1200 |   |
| 17.  | Horizontal resolution, min. 550 TV lines (optional)  |   |
| 18.  | Max Sync Rate / Scanning Frequency (V x H) in Hz   |   |

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**



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TIRUCHIRAPPALLI - 620015**

**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors  
**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-3: 4250 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI #  | NIT-T's specifications   | Firm's Offer<br>(All the details should be specified) |
|---|--|---|
| 19.   | Number of Colors (24-bit, 16.7 Million)  |   |
| 20.   | Inbuilt Speakers, specify speakers output watt                                       |   |
| 21.   | Lamp Type & Watt   |   |
| 22.   | Life of the lamp in hours, should be 2000 hours or more                              |   |
| 23.   | Color System PAL / SECAM / NTSC / HDTV   |   |
| 24.   | Control Panel on unit & Menu Driven  |   |
| <b>Inputs (Necessary interface cables for the quoted LCD Projector should be provided along with the Projector)</b> |  |   |
| 25.   | 2 x VGA Inputs (2x15 pin D-sub connectors)   |   |
| 26.   | VGA output (1x15 pin D-sub connector) for loop-through                               |   |
| 27.   | RS-232 input, mini-DIN 6-pins  |   |
| 28.   | Video – in (1x RCA jack for CVBS signal)   |   |
| 29.   | S-Video – in (1x 4-pin mini-DIN for Y/C signal)                                      |   |
| 30.   | Audio – in and Audio – out<br>(1x 3.5 mm stereo mini phone jack)                     |   |
| 31.   | 1x HDMI 1.3 (HDCP compliant)   |   |
| 32.   | 1x RJ45 connector for networking   |   |
| 33.   | 1x USB-A for USB Viewer  |   |
| 34.   | 1x USB-B for USB Display   |   |
| 35.   | 1x mini USB-B slave for remote support and firmware update                           |   |
| 36.   | Presentation Remote Control with wireless receiver unit required for changing slides |   |

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**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015**

**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-3: 4250 ANSI Lumens LCD/DLP/3LCD Projectors**

| SI # | NIT-T's specifications  | Firm's Offer<br>(All the details should be specified) |
|------|---|---|
| 37.  | Remote should have the following features<br>Power on/off, Menu, Volume up/down, Page up / Page Down (for changing slides), Keystone correction, Source selection, Blank Screen |   |
| 38.  | Vertical Digital Keystone Correction, min. $\pm 30^\circ$ required  |   |
| 39.  | Horizontal Digital Keystone Correction, min. $\pm 30^\circ$ required (Optional)   |   |
| 40.  | Power Supply, 200-240V, 50Hz  |   |
| 41.  | Operational Power Consumption in Watts, Should be less than 400 W at Full Power   |   |
| 42.  | Dimensions W x L x H in mm  |   |
| 43.  | Weight in kg (should be less than 3 kg)   |   |
| 44.  | Soft Carrying case should be provided.  |   |
| 45.  | Environmental Parameters:<br>a. Operating temperature (5 to 35° C)<br>b. Humidity (up to 80%)<br>c. Noise Level, should be less than 40 dBA                                     |   |
| 46.  | 3 Years Comprehensive On-site Warranty  |   |
| 47.  | Lamp, should be provided with min 6 months warranty   |   |
| 48.  | PRICE (Inclusive of 3 years onsite warranty & all taxes)  |   |
| 49.  | Spare Lamp Price (per unit)   |   |
| 50.  | Price for any other optional item   |   |

**Note:** The Vendor should give an undertaking stating that they would supply the Spare Lamp as and when requested for a period of minimum 7 years.

The OEM should give an undertaking that Projector Spare Lamp and Service Support would be there for minimum 7 years.

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Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-4: 3000 ANSI Lumens LCD/DLP/3LCD Projectors with PC-Less Presentation**

| SI # | NIT-T's specifications   | Firm's Offer<br>(All the details should be specified) |
|------|--|---|
| 1.   | Specify Make / Brand name  |   |
| 2.   | Specify Model  |   |
| 3.   | Type of Projection (LCD or 3LCD or DLP)  |   |
| 4.   | LCD Size in Inch   |   |
| 5.   | Drive System / Technology (TFT active matrix, etc.)                                      |   |
| 6.   | Image Brightness : Min. 3000 ANSI Lumens or higher                                       |   |
| 7.   | Image Contrast Ratio 2000:1 or higher  |   |
| 8.   | Image Aspect Ratio (like 4:3, 16:9, 16:10 etc.)  |   |
| 9.   | Number of Pixels, specify  |   |
| 10.  | Diagonal Image / Screen Size range in Inch<br>(minimum 40" to 250" required)             |   |
| 11.  | Specify Projection / throw distance range in meters<br>(minimum 1.5 m to 10 m required)  |   |
| 12.  | Zoom ratio (eg.1:1.2), specify   |   |
| 13.  | Digital Zoom, (specify in x if available)  |   |
| 14.  | Lens Power/ focal length, Specify in f   |   |
| 15.  | Projection Lens Aperture, specify in F   |   |
| 16.  | True WXGA resolution 1280x800 (native resolution)  |   |
| 17.  | Maximum resolution supported by the projector under<br>compressed / resize mode. Specify |   |
| 18.  | Horizontal resolution, specify in TV lines   |   |
| 19.  | Max Sync Rate / Scanning Frequency (V x H) in Hz   |   |

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**Item No. CSG 21 : LCD/DLP Projectors**

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-4: 3000 ANSI Lumens LCD/DLP/3LCD Projectors with PC-Less Presentation**

| <b>SI #</b> | <b>NIT-T's specifications</b>  | <b>Firm's Offer<br/>(All the details should be specified)</b> |
|-------------|--|---|
| 20.         | Number of Colors (24-bit, 16.7 Million)  |   |
| 21.         | Inbuilt Speakers, specify speakers output watt   |   |
| 22.         | Lamp Type & Watt   |   |
| 23.         | Life of the lamp in hours, should be 3000 hours or more  |   |
| 24.         | Color System PAL / SECAM / NTSC  |   |
| 25.         | VGA Input (1x15 pin D-sub connectors)  |   |
| 26.         | VGA output (1x15 pin D-sub connectors) for loop-through (Optional)   |   |
| 27.         | DVI - in (HDCP compliant) or HDMI  |   |
| 28.         | RS-232 input, mini-DIN 6-pins (Optional)   |   |
| 29.         | Video – in (1x RCA jack for CVBS signal)   |   |
| 30.         | S-Video – in (1x 4-pin mini-DIN for Y/C signal)  |   |
| 31.         | Audio – in and Audio – out, 1 x 3.5 mm stereo mini jack  |   |
| 32.         | 1x HDMI 1.3 (HDCP compliant)   |   |
| 33.         | USB Pen Drive Presentation with USB port (Type A) for PC-less presentation   |   |
| 34.         | Presentation Remote Control with wireless receiver unit required for changing slides with USB port (Type B)  |   |
| 35.         | Remote should have the following features<br>Power on/off, Menu, Volume up/down, Page up / Page Down (for changing slides), Source selection, Blank Screen |   |
| 36.         | Control Panel on unit & Menu Driven  |   |

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Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**CONFIGURATION-4: 3000 ANSI Lumens LCD/DLP/3LCD Projectors with PC-Less Presentation**

| SI # | NIT-T's specifications  | Firm's Offer<br>(All the details should be specified) |
|------|---|---|
| 37.  | Digital Keystone Correction, if available   |   |
| 38.  | Power Supply, 200-240V, 50Hz  |   |
| 39.  | Operational Power Consumption in Watts, Should be less than 400 W   |   |
| 40.  | Dimensions W x L x H in mm  |   |
| 41.  | Weight in kg (should be less than 3 kg)   |   |
| 42.  | Soft Carrying case should be provided.  |   |
| 43.  | Environmental Parameters:<br>a. Operating temperature (5 to 35° C)<br>b. Humidity (up to 80%)<br>c. Noise Level, should be less than 40 dBA |   |
| 44.  | 3 Years Comprehensive On-site Warranty  |   |
| 45.  | Lamp, should be provided with minimum 6 months warranty   |   |
| 46.  | <b>PRICE (Inclusive of 3 years onsite warranty &amp; all taxes)</b>   |   |
| 47.  | Spare Lamp Price (per unit)   |   |
| 48.  | Price for any other optional item   |   |

**Note:** The Vendor should give an undertaking stating that they would supply the Spare Lamp as and when requested for a period of minimum 7 years.

The OEM should give an undertaking that Projector Spare Lamp and Service Support would be there for minimum 7 years.

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Item No. CSG 21 : LCD/DLP Projectors

**OPTIONAL ACCESSORIES**

| SI # | NIT-T's specifications<br>Price for Optional Accessories           | Firm's Offer<br>(All the details should be specified)<br>PRICE |
|------|--|--|
| 1.   | Ceiling Mount kit for the projectors                               |  |
| 2.   | 10 meters (~32 feet) VGA interface cable                           |  |
| 3.   | 15 meters (~49 feet) VGA interface cable                           |  |
| 4.   | 20 meters (~65 feet) VGA interface cable                           |  |
| 5.   | 50 feet VGA Male-to-Female Extension Cable                         |  |
| 6.   | 100 feet VGA Male-to-Female Extension Cable                        |  |
| 7.   | 100 feet S-Video cable   |  |
| 8.   | 100 feet RCA composite cable                                       |  |
| 9.   | 100 feet VGA to component cable (RCA out)                          |  |
| 10.  | Wall mount Screen (Approx. 6 feet x 4 feet)                        |  |
| 11.  | Wall mount Screen (Approx. 8 feet x 6 feet)                        |  |
| 12.  | Motorized Screen (Approx. 8 feet x 6 feet)                         |  |
| 13.  | Motorized Screen (Approx. 12 feet x 9 feet)                        |  |
| 14.  | Buy back option for Sanyo SW15 or SW20 Projector                   |  |
| 15.  | Buy back option for Old Epson Power Lite S1 Projector              |  |
| 16.  | Buy back option for Old Liesegang ddv2100 Projector                |  |
| 17.  | Price for any other option items if required                       |  |
| 18.  | Price for 15m Power Cable for the Projector (Three Core 2.5 Sq mm) |  |

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Item No. CSG 21 : LCD/DLP Projectors

**TECHNICAL COMPLIANCE & QUOTATION FORM (PRICE BID)**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE:**

**SPARE LAMP FOR EXISTING PROJECTORS**

| SI # | NIT-T's specifications<br>Price for Spare Lamp for existing projectors | Firm's Offer<br>(All the details should be specified)<br>PRICE |
|------|--|--|
| 19.  | Spare Lamp for Sanyo PLC SW15  |  |
| 20.  | Spare Lamp for Sanyo PLC SW20A   |  |
| 21.  | Spare Lamp for Sanyo SW30  |  |
| 22.  | Spare Lamp for Sanyo PLC XF40  |  |
| 23.  | Spare Lamp for Epson Power Lite S1 (EMP S1)                            |  |
| 24.  | Spare Lamp for Liesegang ddv2100                                       |  |
| 25.  | Spare Lamp for Dell 2400MP   |  |
| 26.  | Spare Lamp for Dell 1800MP   |  |
| 27.  | Price for Spare remote   |  |
| 28.  | Price for Wireless Networking for Projector                            |  |
| 29.  | Price for any other optional item                                      |  |

**Note :**

- a) Please note that NIT-T already has Sanyo, Epson, Liesegang, Infocus and Dell Projectors. This tender is for new requirements / expansion as and when it arises. The order will be based on the actual requirement at the time of ordering.
- b) If the Prices are in foreign currency, it should be C.I.F. Chennai Airport basis, :
- c) Currency quoted:
- d) If the rates are quoted in Indian Rupees, the rates should be quoted on Door Delivery (F.O.R. N.I.T.T.) Basis.
- e) Enclose the Distributor / Reseller / Retailer certificate with the validity date. The offers received without the certificate will be rejected.
- f) Projectors should be supplied as per our indent as per our actual requirement within the contract period.
- g) Price protection: If the market price is lower than the quoted price, the market price should be applicable. If there is any hike in market price, the quoted price should be applicable.
- h) Selected Vendor should sign a stamp paper agreement with regard to supply of the projectors.
- i) Payment of Bills will be after the acceptance of the projectors and after the receipt of the bills / invoices along with advance stamped receipt.
- j) **The rate should be valid from January 1, 2012 to December 31, 2012**
- k) The offer should be authorised by the Manufacturer.

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**COMPUTER SUPPORT GROUP**

Item No. CSG 21 : LCD/DLP Projectors

**NIT-T'S COPY (To be filled in and submitted)**

Last Date for receipt of tender at NIT-T : December 22, 2011 at 2.30 PM  
Opening Date : December 22, 2011 at 3.30 p.m.

| <b>CHECKLIST TO BE FILLED IN BY BIDDER</b><br>(Please make sure that these pages are filled and send duly signed) |                    |
|---|--------------------|
| List of documents to be enclosed  | Completed & Signed |
| 1. Terms and Conditions form  | YES / NO           |
| 2. Details of the Firm offering this Quote  | YES / NO           |
| 3. NIT-T's quotation form (Price Bid)   | YES / NO           |
| 4. Other technical specifications & pamphlets   | YES / NO           |

**SEAL OF THE BIDDER**

**SIGNATURE WITH DATE**

| <b>FOR NIT-T USE ONLY</b>                     |   |
|---|---|
| Name of the Vendor Address (Location):        |   |
| 1. Terms and Conditions form duly signed      | YES / NO                                      |
| 2. Details of the Firm offering this Quote    | YES / NO                                      |
| 3. NIT-T's quotation form (Price Bid)         | YES / NO                                      |
| 4. Other technical specifications & pamphlets | YES / NO                                      |
| 6. No. of enclosures                          |   |
| 7. Status of tender                           | <b>Accepted for evaluation /<br/>Rejected</b> |
|   | <b>REGISTRAR</b>                              |

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**