

Invitation to Bid

CUI-PS/18(12)/1171

Supply of Items for Holographic Projection Technology

COMSATS University Islamabad (CUI), invites sealed bids on “**Single-Stage-Two-Envelope**” basis for “**Supply of Items for Holographic Projection Technology**”.

2. The firm/company should be on the Active Tax Payer List (ATL) for General Sales Tax and Income Tax of FBR.
3. The Bids must be accompanied with the **earnest money @ 3%** of the total value of the bid in the form of Call Deposit/Bank Draft (refundable) drawn in favor of COMSATS University Islamabad, (FTN/NTN: 9013701-9).
4. The Sealed Bids prepared in accordance with instructions in the bidding document, must reach **Treasurer Department, 3rd Floor, Faculty Block-II, CUI Park Road, Islamabad** latest by **January 08, 2019 by 1100 hours (Sharp)**.
5. **NO BID WILL BE ACCEPTED AFTER THE CLOSING TIME.**
6. Bids will be opened on the same day **Half hours after tender closing time** at **Room No. G-6/G-8, Ground Floor, Faculty Block-I, CUI**. This advertisement/complete tender is also available on PPRA's website at www.ppra.org.pk as well as CUI's website at www.comsats.edu.pk



Muhammad Qasim

Senior Program Officer (Procurement, Principal Seat)

COMSATS University Islamabad

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General Terms & Conditions

1. The Terms & Conditions are as under:

No tender will be considered if:-

- a) Received without required documentation or found incomplete;
 - b) Received later than the date and time fixed for Tender submission;
 - c) The Tender is unsigned/ unstamped; or is signed/stamped by the unauthorized agent of the Firm/company;
 - d) The Tender is from a firm which is black listed or in litigation of some sort with any Public-Sector Organization;
 - e) The Tender is received by telephone/telex/fax/telegram;
 - f) Tenders received without earnest money;
 - g) In contradiction with the specification given by the CUI;
 - h) It is conditional in any way.
 - i) It is ambiguous, in-complete information given, conditional.
2. Only those Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to apply.
3. Bidders will have to produce the proof of being a Tax Filer with FBR.
4. Taxes as applicable and announced by the Govt. of Pakistan will be deducted at source;
5. The payment will be made on successful completion of all items and job within 30 days for the quantity of item purchased/delivered/accepted.
6. Earnest money of successful bidder will remain in custody of this office until the complete supply of the material/warranty period (where applicable); and released with a written request on firm/company letterhead.
7. Performance Guarantee of 10% will be held.
8. The tender must accompany earnest money as mentioned in the tender notice in the form of Call Deposit/Bank draft (refundable) drawn in favor of COMSATS University Islamabad (CUI). Cheque is not acceptable and bid will be rejected.
9. **The rates must be quoted EXCLUSIVE OF GST as per the pattern provided.**
10. The Work will be awarded on Complete Job basis.

Signature & Stamp
(Authorized Representative)

11. Mandatory requirements are given and are to be fulfilled.
12. Any attempt by a bidder to influence in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of its bid;
13. CUI reserves the right to accept or reject any or all tenders at any stage.
14. Prices should be valid for 30 days **without any conditions**. Any condition, **whatsoever**, will disqualify the firm from the process.
15. The successful bidder will have to complete the job **within Eight Weeks' time.**
16. No request for correction will be entertained after opening of the bid.
17. The work will be awarded on the basis of technically qualified bidder with lowest evaluated cost.
18. In case of any unforeseeable circumstances that prevent the tender from being submitted/opened on the date announced (*Force Majure*), the tenders will be submitted/received/opened on the **very next working day**. Timing will remain the same as mentioned in the tender notice.

Special Conditions:

19. *In case of any delay in the delivery, 0.50% of the total per day will be deducted from the total bid amount upto a total of 10%. Any delay beyond the extended days will automatically lead to cancellation of the Work Order and confiscation of earnest money.*
20. *Quotation should be strictly as per the BoQ.*
21. *Payment will be made as per actual quantity provided/supplied.*
22. *In case of any problem on behalf of the contractor; which may include defect in the job, delay, non-responsiveness of the bidder; CUI may cancel the Work Order AND/OR confiscate the earnest money AND/OR impose ban on the vendor for a certain period for further business with CUI.*
23. *In case of defects/sub-standard items, CUI will inform the bidder within 15 days-time and the bidder will take appropriate measures to make corrections/changes within 15 days' time with no additional cost. In case of*

failure within the said time, CUI will award the remaining job to other bidder(s) and the expense will be covered/deducted from the bidder's earnest money/payable bill.

Mandatory Requirement:

All the below documents MUST be submitted with the Bid. Failure to fulfill any of the below condition will disqualify the bidder from the bidding process. Submission of all documents mentioned below are mandatory at the time of the tender submission. No document will be accepted on later stage.

Please submit the following in the order given below.

Evaluation Criteria & Qualification

| | | |
|--|-----------|----------------|
| 1. Draft of Earnest Money | Mandatory | Top |
| 2. Bid /Quotation (Strictly as per pattern) | Mandatory | Form-I |
| 3. Declaration Form | Mandatory | Form-II |
| 4. Up-to-date Active Tax Payer List (Income Tax and GST) | Mandatory | Flag-A |
| 5. GST Registration Certificate | Mandatory | Flag-B |

Qualification Criteria for Eligible Bidders

Table 1: Qualification Criteria for Eligible Bidders

| S. No. | Rule | Rule Details |
|--------|---|---|
| 1 | Pre-Qualification Eligibility Criteria (Technical capability) | The bidder must have successfully completed at least One project of similar nature. |

Technical Compliance Tables

Table 2: Hardware Setup for Holographic projection


| S.N | Item(s) | Specification(s) | Compliance (Yes/No) | Reason for Deviation |
|-----|---|--|---------------------|----------------------|
| 1 | Musion Eyeliner Holographic Foil (3D Holo Foil + Reflective Surface + tension system) | As per technical specification mentioned in Item No.1 of Annexure A | | |
| 2 | Christie Roadster S+20K DLP Projector | As per technical specification mentioned in Item No. 2 of Annexure A | | |
| 3 | Canon XF405 4K UHD Camcorder (Cinema Video Camera) | As per specification mentioned in Item No. 3 of Annexure A. | | |
| 4 | Projection Screen Showing Classroom | As per specification mentioned in item No. 4 of Annexure A. | | |
| 5 | Lights | As per specification mentioned in item No. 5 of Annexure A. | | |
| 6 | Audio speaker and power cables | As per specification mentioned in item No. 6 of Annexure A. | | |
| 7 | Sound mixers and power amps | As per specification mentioned in item No. 7 of Annexure A. | | |
| 8 | Trusses made of aluminum pipe | As per specification mentioned in item No. 8 of Annexure A. | | |

Table 3: Delivery Schedule

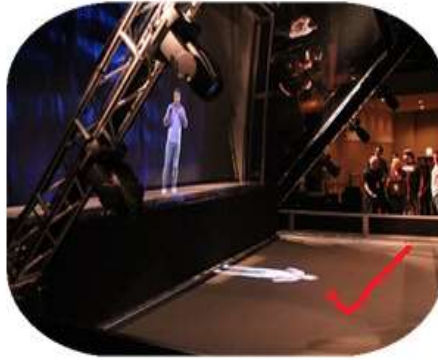
| Time Schedule | Compliance (Yes/No) | Reason for Deviation |
|--|---------------------|----------------------|
| The supply of “Items Required for Lecture Delivery Using Holographic Projection Technique” at COMSATS University Islamabad, Pakistan shall be completed within Six weeks. | | |

Signature & Stamp
(Authorized Representative)

Technical Specifications of the Items and Services Required for Lecture Delivery Using Holographic Projection Technique

| S. No | Item(s) Name | Technical Specification | No. of Units | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--------------|---------|-------|----------|--------|----------|-----------|------|---------------|-----|-------------|--------|---------------|-------------|------|---|-----------------------|----------|----------|----|-------------------------|
| 1 | Musion Eyeliner Holographic Foil (3D Holo Foil + Reflective Surface + tension system) | <p>i. Musion Eyeliner Holographic Foil:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Specs</th> <th style="text-align: center;">Details</th> </tr> </thead> <tbody> <tr> <td>Width</td> <td>3 meters</td> </tr> <tr> <td>length</td> <td>5 meters</td> </tr> <tr> <td>Thickness</td> <td>95um</td> </tr> <tr> <td>Transmittance</td> <td>97%</td> </tr> <tr> <td>Reflectance</td> <td>19.70%</td> </tr> <tr> <td>Viewing angle</td> <td>160 degrees</td> </tr> <tr> <td>Gain</td> <td>2</td> </tr> <tr> <td>Stretching Resistance</td> <td>880.LBS%</td> </tr> <tr> <td>Hardness</td> <td>3H</td> </tr> </tbody> </table> <div style="text-align: center; margin: 10px 0;">  </div> <p>ii. Bounce Screen</p> | Specs | Details | Width | 3 meters | length | 5 meters | Thickness | 95um | Transmittance | 97% | Reflectance | 19.70% | Viewing angle | 160 degrees | Gain | 2 | Stretching Resistance | 880.LBS% | Hardness | 3H | 01 foil of size 3m × 5m |
| Specs | Details | | | | | | | | | | | | | | | | | | | | | | |
| Width | 3 meters | | | | | | | | | | | | | | | | | | | | | | |
| length | 5 meters | | | | | | | | | | | | | | | | | | | | | | |
| Thickness | 95um | | | | | | | | | | | | | | | | | | | | | | |
| Transmittance | 97% | | | | | | | | | | | | | | | | | | | | | | |
| Reflectance | 19.70% | | | | | | | | | | | | | | | | | | | | | | |
| Viewing angle | 160 degrees | | | | | | | | | | | | | | | | | | | | | | |
| Gain | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Stretching Resistance | 880.LBS% | | | | | | | | | | | | | | | | | | | | | | |
| Hardness | 3H | | | | | | | | | | | | | | | | | | | | | | |

Signature & Stamp
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iii. Tension/Stretcher System

Our unique tension system to secure the holo foil in place.



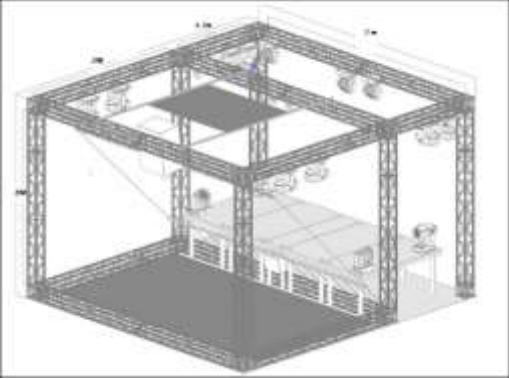
2

Christie Roadster
S+20K DLP
Projector

01

| Specs | Details |
|--------------|-----------------------|
| Technology | 3-chip DLP® |
| Resolution | 1400 x 1050 SXGA+ |
| Brightness | 20,000 Lumens |
| Contrast | 1,800:1 |
| Illumination | 3.0kW Xenon Bubble |
| Lamp Life | 750 hours |
| Height | 15.1" (384 mm) |
| Width | 24.5" (631.4 mm) |
| Depth | 32.1" (814.8 mm) |
| Weight | 160 lb (73 kg) |

| | | | |
|---|---|--|--|
| 3 | Canon XF405 4K UHD Camcorder (Cinema Video Camera) | <ul style="list-style-type: none"> • 8.29MP, 1" CMOS Sensor • UHD 4K 60 fps, HD 120 fps Onboard • HDMI 2.0 & 3G-SDI Outputs • Integrated 15x Optical Zoom Lens • Advanced Zoom up to 30x • Dual XLR Inputs, Four Channels of Audio • Dual-Pixel CMOS Autofocus Feature • 2 x DIGIC DV 6 Processors • 2 x SD Memory Card Slots | 01 |
| 4 | Projection Screen Showing Classroom | <ul style="list-style-type: none"> • Personal Computer Core i5 with accessories • The multimedia projector of 3000 lumens • High quality video 1080 Webcam compatible with all systems | <ul style="list-style-type: none"> • 01 • 01 • 01 |
| 5 | Lights | <ul style="list-style-type: none"> • High quality LED studio lights for 4K video recedingly | <ul style="list-style-type: none"> • 12 |
| 6 | Audio speaker and power cables | <ul style="list-style-type: none"> • Wharfedale EVP-X215 Heavy duty speaker system • Speaker cable • Power cable | <ul style="list-style-type: none"> • A Pair • 100 meters • 100 meters |
| 7 | Sound mixers and power amps | <ul style="list-style-type: none"> • Wharfedale CPD-2600 Power Amplifier • Wharfedale SL1224USB Pre-Mixer • Bardl UK-800 Duel wireless microphone set | <ul style="list-style-type: none"> • 01 • 01 • 01 |

| | | | |
|---|-------------------------------|---|----|
| 8 | Trusses made of aluminum pipe | <p>Aproximate Size:</p> <p>Hight: 3 meters Width: 5 meters Depth: Part-1: 3 meters Part-2: 1.5 meters</p>  <p>Note: Size of the truss needed to be advertised as per actual.</p> | 01 |
|---|-------------------------------|---|----|

Signature & Stamp
(Authorized Representative)

Declaration Form

(THIS FORM IS TO BE PROVIDED WITH THE BID)

All the terms & conditions have been carefully read and understood and are hereby unconditionally accepted and it is declared that

I understand that by inserting any condition in my bid consciously or unconsciously will AUTOMATICALLY disqualify me from the bidding process.

All the information furnished by me/us here-in is correct to the best of my knowledge and belief.

I/we have no objection if enquiries are made about the work listed by me / us in the accompanying sheets / annexure.

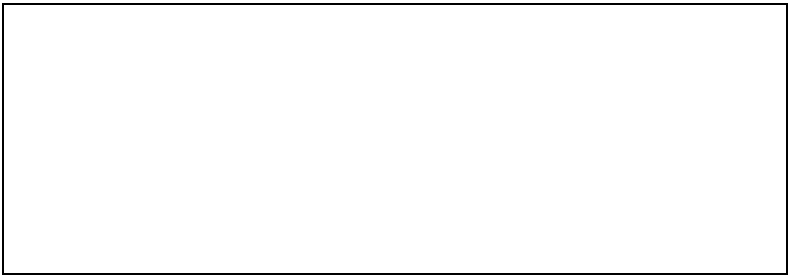
I / We agree that the decision of committee in selection will be final and binding to me / us.

I / We have read the instructions appended to the proforma and I / we understand that if any false information is detected at a later date the committee is at liberty to act in a manner it feels deemed fit.

| | |
|---------------------------------------|--|
| Name of Firm/ Company | |
| Name of Owner/Authorized agent | |
| Office Address | |
| GST No. | |
| NTN. | |
| Telephone No. | |
| E-mail | |

Signature & Stamp
(Authorized Representative)

Signature & Stamp
(Authorized Representative)

A large, empty rectangular box with a thin black border, intended for a signature and stamp.

Signature & Stamp
(Authorized Representative)

Check List (To be filled by Applicants)

| Detail | Yes ✓ | No x |
|--|------------------|-----------------|
| 1. ALL Pages signed and Stamped by Bidder | | |
| 2. Draft of Earnest Money | | |
| 3. Bid /Quotation (Form-I) | | |
| 4. Declaration Form (Form-II) | | |
| 5. Active Tax Payer List (GST and Income Tax) | | |
| 6. GST and Income Tax Registration Certificate | | |

For queries and further clarification, you may

- ✓ write to us on m.qasim@comsats.edu.pk
- ✓ Visit us at 3rd Floor, Faculty Block-II, CUI, Islamabad


[Letterhead]

Ref No: _____

NTN: _____

Date: _____

GST: _____

| SN | Item(s) Name | Technical Specification | No. of Units | Unit Price | GST | Total Cost | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|--------------|------------|-------|------------|--------|----------|-----------|------|---------------|-----|-------------|--------|---------------|-------------|------|---|-----------------------|----------|----------|----|-------------------------|--|--|--|
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| Specs | Details | | | | | | | | | | | | | | | | | | | | | | | | | |
| Width | 3 meters | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Reflectance | 19.70% | | | | | | | | | | | | | | | | | | | | | | | | | |
| Viewing angle | 160 degrees | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gain | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
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Signature & Stamp
(Authorized Representative)



vi. Tension/Stretcher System

Our unique tension system to secure the holo foil in place.



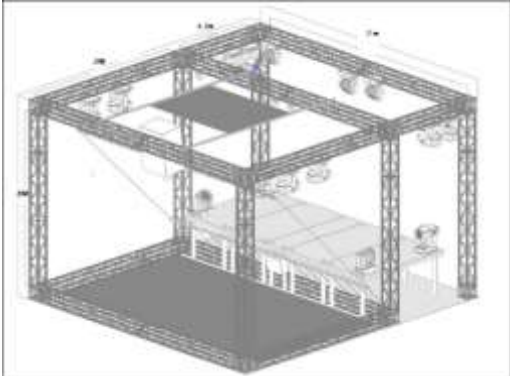
2 Christie Roadster
S+20K DLP
Projector

01

| Specs | Details |
|--------------|-----------------------|
| Technology | 3-chip DLP® |
| Resolution | 1400 x 1050 SXGA+ |
| Brightness | 20,000 Lumens |
| Contrast | 1,800:1 |
| Illumination | 3.0kW Xenon Bubble |
| Lamp Life | 750 hours |
| Height | 15.1" (384 mm) |
| Width | 24.5" (631.4 mm) |
| Depth | 32.1" (814.8 mm) |
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| 8 | Trusses made of aluminum pipe | <p>Aproximate Size:</p> <p>Hight: 3 meters Width: 5 meters Depth: Part-1: 3 meters Part-2: 1.5 meters</p>  <p>Note: Size of the truss will be quoted as per actual and payment will be made as per actual running ft.</p> | 01 Stage (Running Ft) Quote rate for Running ft | | | |
|---|-------------------------------|---|--|--|--|--|

For any technical queries, you may contact

Mr. Fazal ur Rehman

fazal@vcomsats.edu.pk

Contact Number: (051) 9259406

Visiting Address: COMSATS University Islamabad, Virtual Campus

166 Street 9, I-10/3, Islamabad, Pakistan.

Signature & Stamp
(Authorized Representative)