



Ref No: ICTS/TIFR/RFQ/63(R)/2018-19

Date: 29/01/2019

**ENQUIRY**

To,

Dear Sir,

**Subject: Enquiry for the Supply & Installation of Business Series Projectors and screens**

**Scope of Work: Supply & Installation of Business Series Projectors and screens**

Sealed tenders are invited under 2 cover system from reputed OEM (Original Equipment Manufacturer) / Registered and Licensed Vendors for Job Contract at International Centre for Theoretical Sciences, Survey No. 151, Shivakote, Hessarghatta, Bangalore - 560089 (India).

The Technical and Price Bids shall be submitted simultaneously in two cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price. Technical evaluation will be carried out and those vendors who qualify in the technical evaluation will be eligible for Price Bid opening. Thereafter Financial proposal shall be evaluated. The Commercially Lowest Bidder shall be the first preferred Vendor for the Award of Order

**Important Instruction:** The bids shall be enclosed in an envelope and sealed duly marked "Enquiry for Supply & Installation of Business Series Projectors and screens at ICTS Campus," Ref No. ICTS/TIFR/RFQ/63(R)/2018-19; and addressed to "Administrative Officer" at the address given below. The bids are liable to be rejected if the sealed envelope is not addressed to "Administrative Officer" with Tender Ref No. and Item Description. Offers delivered in person shall be deposited in the Tender Box kept in the Office. If the bids are sent through courier or mail, it should reach by submission date and time and ICTS will not be responsible for any delay.

The tenders should be submitted in two sealed covers. This tender will be evaluated under 2 cover bid system as described above.

I. The First sealed cover - **COVER I should be superscribed "Technical Bid"** and should contain :

1. Document Checklist on bidder letterhead
2. This enquiry duly sealed and signed.
3. Detailed BOM with product make, model, part number and HSN/HCS code (on your letterhead, same as financial bid without prices)
4. Panasonic, Da-Lite and Elite MAF (Manufacturer's Authorization Form) Certificate.



International Centre for Theoretical Sciences – TIFR  
Survey No. 151, Shivakote Village  
Hesaraghatta Hobli  
Bangalore (North) – 560 089  
Ph: 080 4653 6027 Email: [purchase@icts.res.in](mailto:purchase@icts.res.in)  
GSTIN : 29AAATT3951F22B





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5. Certificates of in-house Engineer certified by OEM.
6. Technical Specifications of the product quoted for

II. The Second sealed cover - **COVER II superscribed 'Price Bid'** should contain the Financial bid.

The bidders are advised to visit site (at their own expense), prior to the submission of proposal, and make survey and assessment as deemed necessary for proposal submission. Site survey can be done on working days between 11:00 hrs to 17:00 hrs by advance intimation.

**Tender Criteria:**

1. The bidder should submit the **MAF (Manufacturer's Authorization Form) Certificate along with the quotation.** Bids without MAF Certificate will be disqualified.
2. **Financial bids, if enclosed with the technical bids in Cover 1 will lead to automatic disqualification of the bid.**
3. **All warranty and support must be serviced directly by the OEM. ICTS requires that there be a SPOC from OEM who is responsible for all issues between ICTS and the OEM.**
4. The bidder should have at least two installations of the proposed Business Series Projectors and proof of the same should be enclosed with the technical bid.

**Terms & Conditions:**

The center being public funded research institution is entitled for GST @ 5% vide notification No. 47/2017-Integrated Tax (Rate) and No.45/2017-Central Tax dated 14-11-2017. Necessary Certificate will be provided along with the order.

The bids/ quotation addressed to “**International Centre for Theoretical Sciences – TIFR**”. You are requested to superscribe our enquiry number and due date on the envelope.

**All duties, taxes, surcharge and cess as currently applicable must be stated in your quotations, separately. Otherwise your quote is liable to be rejected.**

- 1) **DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 13/02/2019 till 15.00 Hours.**
- 2) **QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.**
- 3) Vendors can quote in USD also. OEM should provide Warranty, Support & Service locally.
- 4) The Validity of your quotation should be for **60 days from the date.**
- 5) Your quotation should include 3-year warranty. 4th and 5th year additional warranty is optional but mandatory to quote. (Unless otherwise specified in the ICTS financial bid copy).



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- 6) Delivery to be made to ICTS-TIFR (at vendor's own arrangement). Transit Insurance should be done up to International Centre for Theoretical Sciences-TIFR, Survey No. 151, Shivakote Village, Hesaraghatta Hobli, Bangalore North – 560089.
- 7) TDS on GST will be deducted at the prescribed rates as per notifications 50/2018 and 51/2018 – Central Tax, dated: 13 Sep 2018.
- 8) Delivery Period: 4 weeks from the date of acceptance of the purchase order and Installation within 2 weeks from delivery.
- 9) Liquidated damage: In case the item is not supplied within the agreed delivery schedule and after a grace period of 07 days, then liquidated damages will be imposed automatically and will be deducted from the bill of the vendor at the rate of 0.5% per week, subject to a maximum of 10% of the order value.
- 10) **Payment:** Within 15 days after delivery, acceptance & satisfactory installation.
- 11) Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

For and on behalf of International Centre for Theoretical Sciences-TIFR

Authorized Signatory

**Administrative Officer - 'D'**  
International Centre for Theoretical Sciences  
Tata Institute of Fundamental Research  
Survey No. 151, Shivakote,  
Hessarghatta Hobli, Bangalore - 560 089.





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**Note: Checklist on bidder letterhead as First sheet of Technical bid documents**

Quotation Ref No : \_\_\_\_\_

Dated : \_\_\_\_\_

ICTS Tender Ref No: **ICTS/TIFR/RFQ/63(R)/2018-19**

Supply & Installation of Business Series Projectors and screens

**Due Date: 13-FEB-2019, 15:00**

**Bidder Contact Details:-**

Contact Person	: _____	Designation	: _____
Mobile Number	: _____	Office phone Number	: _____
Official Email ID	: _____	Company / SI - GST No	: _____

**Document Checklist**

<u>SL No:</u>	<u>Documents</u>	<u>Page Number / Annexure no</u>	<u>Remarks</u>
1	RFQ copy duly sealed and signed		
2	Detailed BOM with product make, model, part number and HSN/HCS code (on your letterhead, same as financial bid without prices)		
3	Warranty Undertaking Certificate for <i>Business series projector : 5 Year comprehensive onsite OEM warranty;</i> <i>Screens : 3 Year comprehensive onsite OEM warranty</i>		
4	MAF certificates for all quoted products <ul style="list-style-type: none"> <li>• Panasonic</li> <li>• Da-Lite</li> <li>• Elite</li> </ul> Note: Distributor Certificate (If MAF not from OEM)		
5	Certificates of in-house Engineer certified by OEM		
6	Two PO reference copies		
7	Technical Documents		

Checked By: \_\_\_\_\_

(Seal and Signature)



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Survey No. 151, Shivakote Village  
Hesaraghatta Hobli  
Bangalore (North) – 560 089  
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GSTIN : 29AAATT3951F2ZB






**Ref No: ICTS/TIFR/RFQ/63(R)/2018-19**
**Date: 29/01/2019**
**FINANCIAL BID**
**Please let us have your lowest Quote for the following:**

Sl. No	Item Description	HSN/SAC Code	Qty	Rate per unit Rs.	Amount Rs.
1.	<p>Supply and installation of business series projectors with the specifications of the make <b>Panasonic PT-MZ770 (White)</b> or better with 5 Year comprehensive onsite OEM warranty</p> <ul style="list-style-type: none"> <li>• Color : White</li> <li>• Brightness <b>8000 Lumens</b> in Normal mode</li> <li>• Display Method Active matrix <b>Transparent LCD panel (x3, R/G/B)</b></li> <li>• Panel Size 19.3 mm (0.76") diagonal (16:10 aspect ratio)</li> <li>• Resolution 1,920 × 1,200 pixels Pixels 2,304,000 (1920 × 1200) × 3, total of 6,912,000 pixels Included Standard Lens powered zoom, powered focus, Short throw lens with throw ratio 0.8 - 1.0 :1. The lens and projector should give a screen size of 8.5'(H) X 4.7'(W) while installed in portrait model.</li> <li>• Mechanical Lens Shutter Required</li> <li>• Light Source Laser Light (Class 1 Only)</li> <li>• Light Source life 20,000 hours or more</li> <li>• Screen size (diagonal) 1.0210.16 m (40-400 inch), ( 16:10 Aspect ratio) Zoom ratio 1.7 X Zoom or higher Centre-to-corner uniformity 90%</li> <li>• Operating Noise normal mode : 32dB or below / eco mode : 26dB or below</li> <li>• Dynamic Contrast Ratio 3,000,000:1 (full on/full off)</li> <li>• Optical axis shift(Powered) Vertical: ±67%, horizontal: ±35 from center of screen(powered)</li> <li>• Keystone correction range Vertical: ±25°, horizontal: ±30°</li> <li>• Built in speaker 10W</li> <li>• Monaural Filter Eco Filter with 20,000 Hours life</li> <li>• Installation Ceiling/floor, front/rear</li> <li>• Power consumption 450W or less</li> </ul> <p><b>Input   Output Ports</b></p> <ul style="list-style-type: none"> <li>• HDMI IN HDMI x 2</li> <li>• RGB IN BNC x 5</li> <li>• RGB IN D-Sub 15 pin x 1</li> <li>• Monitor Out D-Sub 15 pin x 1</li> <li>• VIDEO IN Pin Jack x 1 (composite video with component Input)</li> <li>• Audio In Pin Jack (L/R) X 2, M3 x 2 (L/R)</li> <li>• Audio Out M3 x 1 (variable)</li> <li>• SERIAL IN D-Sub 9 pin x 1 (female) for external control</li> <li>• REMOTE 1 IN D-Sub 9 pin x 1 (female)</li> </ul>		2 No.		


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	<ul style="list-style-type: none"> <li>● REMOTE 2 IN M3 x 1 (for wired Remote Control)</li> <li>● LAN   HD Base-T Input RJ 45 x 1 (HD Base-T) compatible 10 Base-T, 100 Base Tx) compatible with PJ Link</li> <li>● Memory viewer/pairing USB 2.0 X 1</li> <li>● Operating environment:             <ul style="list-style-type: none"> <li>○ Operating temperature: 0°C - 45°C</li> <li>○ Operating humidity: 20% - 80% (no condensation)</li> </ul> </li> <li>● Should support the followings             <ul style="list-style-type: none"> <li>○ USB Plug and share</li> <li>○ 360 degree installation flexibility</li> <li>○ Fade IN - Fade Out function</li> <li>○ DICOM Simulation mode</li> <li>○ Auto standby mode</li> <li>○ Auto image rotation</li> <li>○ HD Base-T Input</li> <li>○ Direct power off</li> <li>○ Lens centered design</li> <li>○ Curved screen correction   Corner keystone correction</li> <li>○ Daylight view basic function</li> <li>○ Color adjustment function</li> <li>○ Control via web browser</li> <li>○ Touch panel programming</li> </ul> </li> </ul>			
2.	<p>Supply and installation of Min 137" Motorized Tab tensioned cosmopolitan projection screen with LVC with the specifications of the make Da-lite 70208L(Cosmo, TNSD 137D DM) or better with 1 Year OEM comprehensive onsite warranty</p> <ul style="list-style-type: none"> <li>● Product Line Tensioned Cosmopolitan Electrol</li> <li>● Product Type Projection Screen</li> <li>● Diagonal Image Size 137" (min)</li> <li>● Screen Height 72.5"</li> <li>● Screen Width 116"</li> <li>● Screen Fabric Da-Mat or better</li> <li>● Front Projection</li> <li>● Aspect Ratio 16:10</li> <li>● Screen Folding Mechanism Electric</li> <li>● Mount Type Recessed/In-Ceiling Mount Ceiling Mount Wall Mount</li> <li>● Environmental Certification: GREENGUARD Gold</li> <li>● Product Family Tensioned Cosmopolitan Electrol</li> <li>● Screen Gain 1</li> <li>● Projection Formats Widescreen</li> <li>● Viewing Angle 60°(60 Left and 60 Right) or better</li> <li>● Touch panel programming</li> </ul>		2 No.	





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	<p>Warranty :OEM 1 years comprehensive onsite warranty.</p> <p>Optional but mandatory to quote: 2nd &amp; 3rd year OEM comprehensive onsite warranty.</p>				
3.	<p>Supply and installation of Min 125" Motorized Tensioned projection screen with LVC with the specifications of the make Elite Electric 125HT or better with 1 Year OEM Warranty</p> <ul style="list-style-type: none"> <li>• Product Type Projection Screen Diagonal</li> <li>• Image Size min 125"</li> <li>• Screen Height 61.3"</li> <li>• Screen Width 108.9"</li> <li>• Front Projection Yes</li> <li>• Aspect Ratio 16:09</li> <li>• Screen Folding Mechanism Electric</li> <li>• Mount Type Recessed/In-Ceiling Mount</li> <li>• Screen Gain 1.1</li> <li>• Projection Formats Widescreen</li> <li>• Wide Viewing Angle 180°</li> <li>• Manufacturer Elite</li> <li>• Control System Infrared (IR) remote control</li> <li>• Detachable 3-way wall switch</li> <li>• Integrated 5-12 volt trigger port synchronizes Drop/Rise operation with the projector - s power cycle</li> <li>• 5-12 v trigger cable</li> <li>• Low-voltage internal IR/RF receivers</li> <li>• RJ45 input port allows easy integration with 3rd party control systems</li> <li>• Touch panel programming</li> </ul> <p>Warranty :OEM 1 years comprehensive onsite warranty.</p> <p>Optional but mandatory to quote: 2nd and 3rd-year OEM comprehensive onsite warranty</p>		2 No.		
4.	<p>Supply and Installation of Customized ceiling kit and Cable: -</p> <ul style="list-style-type: none"> <li>❖ Custom ceiling Mount Kit - The kit should have a sleek design and robust construction. <ul style="list-style-type: none"> <li>&gt; Should include a metal rope for additional support. Integrated cable management through top of the mount without additional accessories. (The length varies from 15 to 25 feet as per site requirement)</li> <li>&gt; Customised ceiling mount with axis adjustments   Length extension, cabling..</li> </ul> </li> <li>❖ CAT 6A shielded LAN Cable (Approx 100 Mtr Per Projector - Commscope/systemax make prefer)</li> </ul>		2 set		





INTERNATIONAL  
CENTRE *for*  
THEORETICAL  
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH



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	❖ <b>3 pin (indian) Molded Power cable</b> : The length varies from 20 to 30 feet as per site requirement, Longwell/Volox make preferred)				
5	❖ <b>Programming:</b> - ➤ Projector control and HDMI Matrix as per ICTS Requirement should be configured with existing touch crestron controller/touch panel		1 No		
	Sub Total				
	Add: GST				
	Total Amount in Rupees				

Signature, Name, Address and  
Seal of the proprietor / Managing Partner etc.

Name:

Seal of the Company:

Designation:

Signature:

Date:

For and on behalf of International Centre for Theoretical Sciences-TIFR

Authorized Signatory

**Administrative Officer - 'D'**  
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