

# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CSAB 2024

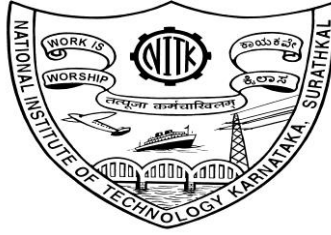
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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## NOTICE INVITING QUOTATION

Notification. No: 009/CSAB/NITK/2024

dated:09-04-2024

Name of Goods	Projectors(ceiling mount) & Screen
Estimated Amount:	₹ 1,00,000/- (Rupees One Lakh only)
Time for Supply of item after release of Purchase order	12 days
Document Download / Sale Start Date	10/04/2024, 05:00 PM
Clarification Start Date	10/04/2024, 05:00 PM
Clarification End Date	22/04/2024, 05:00 PM
Bid Submission Start Date	11/04/2024, 09:00 AM
Last Date for submission of bids	22/04/2024, before 03:00 PM
Bid Opening Date	23/04/2024, 03:00 PM
Address for Submission of bids	Dr.G N Kumar ,Faculty incharge Purchase (Buyer) gnkumar33@nitk.edu.in

Sd/-  
Faculty incharge Purchase (Buyer)

Sd/-  
Chairman CSAB 2024 – LOC



# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

## DEPARTMENT OF CSAB 2024

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Date: 09-04-2024

### NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

<b>Name of Goods</b>	<b>Projectors(ceiling mount) &amp; Screen</b>
<b>Estimated Amount:</b>	<b>₹ 1,00,000/- (Rupees One Lakh only)</b>
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Sd/-

Faculty incharge Purchase (Buyer)

Sd/-

Chairman CSAB 2024 – LOC

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

**SECTION-1**  
**Terms and Conditions**

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
9. **Liquidated Damages:** Timely delivery is the essence of the contract and hence if the Supplier fails to deliver Goods within the original/extended delivery period(s) specified in the contract, the Institute will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, **@ 1% per week or part of the week of the delayed period** as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.

**SECTION-2**

**SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS**

[ To be filled up by the Department / Centre of NITK, Surathkal ]

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Item(s) Name to be Procured : Projectors(ceiling mount) & Screen

Quantity : 01 Nos

Any other details / requirement : Specification Attached

Warranty Period required : 01 YEAR

Delivery Schedule expected  
after placement of Purchase order  
(in Weeks) : 2 Weeks

Sd/-  
Faculty incharge Purchase (Buyer)

Sd/-  
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**SECTION 3**  
**PRICE SCHEDULE**

[ To be used by the bidder for submission of the quotation]

- 
1. Item Name :
  2. Specifications  
(Conforming to Schedule of requirements  
Enclose additional sheets if necessary) :
  3. Currency and Unit Price :
  4. Quantity :
  5. Item Cost (Sl No. 3 \* Sl. No. 4 ) :
  6. Taxes and Other Charges :  
(i) Specify the type of taxes and duties  
in percentages and also in figures.  
(ii) Specify Other Charges in figures.
  7. **Warranty Period** :  
**(Conforming to the Schedule of requirements)**
  8. Delivery Schedule :  
(Conforming to the Schedule of requirements)
  9. Name and address of the Firm for  
placing purchase order :
  10. Name and address of Indian authorized  
agent ( in case of imports only) :

**Signature of the Bidder:** \_\_\_\_\_

**Name and Designation:** \_\_\_\_\_

**Business Address** : \_\_\_\_\_

\_\_\_\_\_

**Place:**

**Date:**

**Seal of the Bidder's Firm**

**SECTION 4**  
**CONTRACT FORM**

[ To be provided by the bidder in the business letter head]

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1. (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in this document without any defect and deviations.
3. Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

**Signature of the Bidder:** \_\_\_\_\_

**Name** : \_\_\_\_\_

**Business Address** : \_\_\_\_\_

\_\_\_\_\_

**Place :**

**Date :**

**Seal of the Bidder's Firm**

## Detailed Technical Specifications



Standard Throw (0.91 to 2.5)  
Multimedia Projector (MMP) With 1280 x 800 (WXGA) Resolution

### Specifications

Technical Specifications

Technology: LCD

Projection Method: Front and Rear both

Native Resolution: 1280 x 800 (WXGA)

Brightness: (Lumens)4200

Contrast Ratio (Minimum) (pixels) (X :1): 15000

Optical Zoom:Yes

If Yes, Optical Zoom (%):160

Availability of Lens: Yes

Remotely Controlled: Yes

If Yes, Type of Projector: Standard Throw (0.91 to 2.5)

Aspect Ratio: 16:10

Keystone Correction: Automatic & Manual Both

Type of Light: Source UHP / UHE / UHM

Minimum Life of Light Source (In Normal Mode) (Hours) :6000

Lamp Hour Counter (In-Built): Yes

Inbuilt Speaker: Yes

If Yes, Wattage of Speaker:16

3D Projection Capability: No

Interactive Feature: No

Power Consumption in Sleep Mode (Watts): 2

Power Consumption in Normal Mode (Watt): 327

Noise Level in Echo Mode (dB): 28

Noise Level in Normal Mode (dB): 37

Power Supply: 210V-240V, 50 Hz

Battery: No

If Yes, Battery Backup Time (Hour): NA

If Yes, Minimum Battery Capacity (mAH): NA

Warranty

On Site OEM Warranty for Light Source (Time or Life in Hours whichever is earlier):1 Year or 1000 Hrs.

On Site OEM Warranty:3

Ports and Connectivity: Number of HDMI In Port :2

Number of HDMI Out Port: 0

Number of DVI Port :0

Analog RGB In Port (Hours) :Yes

Analog RGB Out Port :Yes

HD Base T :No

Audio In :Yes

Audio Out :Yes

Video In :Yes

Storage Media Port :No

if Yes, Supported File Formats :NA

Number of USB Type A : 1

Number of USB Type B : 1

Number of USB Type C : 0

Wi Fi Connectivity : No

**Wireless Screen Share: No**



**LAN Connectivity:** Yes

Certifications

BIS Registration under CRS of Meity: Yes

BIS Registration Number: R-41005371

Generic

Dimensions (Length x Breadth x Height) (mm x mm x mm): 282 x 309 x 90

Weight (Kg): 3.1

Minimum Operating Temperature (Degree C): 5

Maximum Operating Temperature (Degree C): 35

Minimum Operating Humidity ( % RH): 20

Maximum Operating Humidity ( % RH): 80

Additional Information

RNT Projection Screen Motorised 100 Inches - 16:9 Ratio

Active 3D, 4K Ultra HD, and HDR Ready

Screen Size - 100 Inches

MaxWhite material that is easy to clean & durable

180° wide viewing angle with 1.2 gain

Has standard black masking borders

Consists of flame retardant material

Comes with an Infrared (IR) remote control

Low-voltage internal IR Receiver

Has an RJ45 input port that allows for easy integration with third-party control systems

Durable casing for installing on either walls or ceilings

This screen is ready to plug and play and ships fully assembled

Fitted with life time lubricated motor for silent and noise less operation, comes with radio frequency Cordless remote

Universal Ceiling Projector Mount- 3 Feet -White

Size	3 Feet Drooping Length
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JBL Bar 2.1 Deep Bass Soundbar

2.1-channel sound bar and subwoofer system

system frequency response: 40-20,000 Hz

built-in Bluetooth for wireless music streaming from compatible devices

Sound bar:

two-channel sound bar with six total drivers

four long-excursion racetrack-shaped full-range drivers

two 1" dome tweeters

built-in amplifiers: 50 watts x 2

Dolby® Digital decoding

"Smart Mode" (enabled by default) applies EQ settings and digital signal processing for rich sound effects

"Standard Mode" EQ preset reduces sound effects

wall-mountable (brackets included)

38"W x 2-5/16"H x 3-7/16"D

weight: 4.76 lbs.

Subwoofer:

6-1/2" down-firing woofer

connects wirelessly to sound bar for easy placement

powered by 200-watt built-in amplifier

AC power connection required (power cable included)

9-1/2"W x 14-15/16"H x 11-1/16"D

weight: 12.5 lbs.

Connections and general info:

1 HDMI input

1 Audio Return Channel-capable HDMI output

cable included

1 optical digital audio input  
USB port for connecting a thumb drive  
remote control

#### Description

AV Shack brings you the Epson EHTW-750 Full HD Projector + RNT Projection Screen Motorised 100 Inches + Projector Mount + JBL Bar 2.1 Deep Bass Bundle Pack Deal at great saving Price.

#### Epson EHTW-750 Projector

Recreate the awe-inspiring cinema experience at home with this easy-to-use Full HD, 3,400 lumens projector with built-in Miracast.

Lose yourself in your favourite films with this Full HD projector. It's easy to move and quick to set up, so you can sit back and appreciate its bright 3,400 lumens display. Offering great value for money, it packs in a range of essential features, and a long lamp life providing 18 years' worth of entertainment.

#### Bigger is better

Feel immersed in your favourite movies and games with this Full HD 1080p projector, that's capable of creating an impressive 300 inch display. Bringing the screen to life, 3LCD technology achieves a display that is up to three times brighter than competitor products. Its 16,000:1 contrast ratio also produces clearly defined shadows and deep blacks.

#### Simple set up

We don't think a home projector should be any more complicated to use than a TV. That's why this projector is hassle-free and quick to set up with features such as keystone correction to help quickly position the image. Accessing your entertainment is easy too with two HDMI inputs (including one MHL) for connecting DVD players, games consoles and more. With the iProjection app and built-in Miracast it's easy to project directly from a smart device.

#### Long-lasting solution

Looking for a long-term, hassle-free and affordable solution for watching your favourite movies? With this model's long-lasting lamp light source, you'll be able to watch a film every day for 18 years.

#### High-quality, bright images

Even in bright rooms, this powerful yet affordable Full HD 1080p projector delivers exceptionally bright yet colourful images with clear details. It's all thanks to 3LCD technology, which produces an equally high White and Colour Light Output of 3,400 lumens.

#### Key Features

Enjoy the big screen experience: Supersize your favourite films, games and sporting events at home

Easy to set up: Keystone correction, built-in Miracast and iProjection app

Long-lasting solution: 18 years<sup>1</sup> worth of entertainment

Affordable, high-tech equipment: Enjoy this Full HD 1080p projector

Impressive, bright display: Equally high White and Colour Light Output of 3,400 lumens

RNT Projection Screen Motorised 100 Inches - 16:10 Ratio

If you want a budget Electric/Motorised front projection screen, this one is for you. It is part of RNT Series of screens. It comes with 4 inches of top masking which frames your image, thereby delivering a professional viewing experience in your home theatre or office.

Motorized projection screen, in easy to clean super high gain/matt white fabric with top class gain of 1.2. This motorized projection screen comes with radio frequency cordless remote which is used to operate the screen with the touch of a button. Life time lubricated motor for smooth ; silent functioning of the screen. Maintenance less product.

#### Universal Ceiling Projector Mount- 3 Feet -White

Universal Ceiling Projector Mount is adjustable Tilt Swivel LCD/DLP Projector Ceiling mount.

JBL Bar 2.1 Deep Bass Soundbar

JBL's entry-level sound bars are incredibly popular because they provide a big improvement to your TV sound at a very reasonable price. The Bar 2.1 Deep Bass adds even more bang for your buck with a wireless subwoofer. The sub's 6-1/2" down-firing woofer delivers the low-end rumble that gives this combo its name. And the bar is no slouch either. Its low-resonance enclosure houses six drivers — four long-excursion racetrack-shaped drivers and two 1" dome tweeters. The bar's "Smart Mode" makes sure you get great sound no matter what you're watching by applying EQ settings and digital signal processing to deliver rich sound effects for movies, sports, and shows.

**Easy connections**

This duo is super-simple to set up. The sound bar can connect to your TV with a single cable. You can wall-mount it with the included brackets or just place it on your TV stand — it will look great either way, thanks to its streamlined design. It also has Bluetooth built in, making it easy to wirelessly stream your favorite tunes right from your compatible phone.

The included subwoofer is wireless, so you can place it almost anywhere in the room. It just needs to be within about 30 feet of the sound bar and in the general vicinity of a power outlet.

## **RNT Projection Screen Motorised 100 Inches - 16:9 Ratio**

- Active 3D, 4K Ultra HD, and HDR Ready**
- Screen Size - 100 Inches**
- MaxWhite material that is easy to clean & durable**
- 180° wide viewing angle with 1.2 gain**
- Has standard black masking borders**
- Consists of flame retardant material**
- Comes with an Infrared (IR) remote control**
- Low-voltage internal IR Receiver**
- Has an RJ45 input port that allows for easy integration with third-party control systems**
- Durable casing for installing on either walls or ceilings**
- This screen is ready to plug and play and ships fully assembled**
- Fitted with life time lubricated motor for silent and noise less operation, comes with radio frequency cordless remote**

## **Universal Ceiling Projector Mount- 3 Feet -White**

<b>Size</b>	<b>3 Feet Dropping Length</b>
<b>Warranty</b>	<b>Manufacturer Warranty</b>

## **JBL Bar 2.1 Deep Bass Soundbar**

- 2.1-channel sound bar and subwoofer system**
- system frequency response: 40-20,000 Hz**
- built-in Bluetooth for wireless music streaming from compatible devices**
- Sound bar:**
- two-channel sound bar with six total drivers**

**four long-excursion racetrack-shaped full-range drivers**

**two 1" dome tweeters**

**built-in amplifiers: 50 watts x 2**

**Dolby® Digital decoding**

**"Smart Mode" (enabled by default) applies EQ settings and digital signal processing for rich sound effects**

**"Standard Mode" EQ preset reduces sound effects**

**wall-mountable (brackets included)**

**38"W x 2-5/16"H x 3-7/16"D**

**weight: 4.76 lbs.**

**Subwoofer:**

**6-1/2" down-firing woofer**

**connects wirelessly to sound bar for easy placement**

**powered by 200-watt built-in amplifier**

**AC power connection required (power cable included)**

**9-1/2"W x 14-15/16"H x 11-1/16"D**

**weight: 12.5 lbs.**

**Connections and general info:**

**1 HDMI input**

**1 Audio Return Channel-capable HDMI output**

**cable included**

**1 optical digital audio input**

**USB port for connecting a thumb drive**

**remote control**

**Warranty :05Years**

- **Attaching the compliance sheet with clearly mentioning the offered specification is mandatory for the points mentioned above and the BID without the same is subjected to rejection.**
- The bid will be accepted only from the Original Equipment Manufacturers (OEM) or its authorized suppliers.
- The authorised service centre or office premises/manufacturing unit (main or branch) must be available within Karnataka State. The supporting documents which have to be uploaded by the bidder should contain name, address, phone number and Email of the above and also the contact person name, phone number and Email. The copy of the trade licence/Shops and Commercial Establishment license must be uploaded by the bidders.
- Required documents, printed technical data sheet and Brochures to be attached substantiating the claims and same to be available in the web site of the brand for verification (also need to enclose the same for evaluation).

Sd/-

**Faculty incharge Purchase (Buyer)**

Sd/-

**Chairman,CSAB 2024-LOC**