



Date: 27/03/2026

## LIMITED TENDER ENQUIRY

### TENDER INVITATION

The THDC Institute of Hydropower Engineering & Technology (THDC-IHET) invites Limited Tender Enquiry (LTE) from eligible and experienced firms for the Supply, Installation, Testing and Commissioning (SITC) of Indoor LED Panel, Audio System and Associated Works as per details given below.

#### 1. Scope of Work:

The scope of work includes:

- Supply of Indoor LED Wall and Controller
- Supply of Audio System (Speakers, Mixer, Accessories)
- Iron framework and fabrication
- Wall mounting brackets
- Transportation, installation, testing and commissioning
- Complete SITC on turnkey basis

#### 2. Technical Specifications

The items shall strictly conform to the specifications given below or better:

##### 2.1 Indoor LED Wall

- Type: Indoor P1.8mm Magnetic Die Casting Aluminium LED Wall
  - Screen Size: Actual: 3200mm (L) × 1920mm (H) Approx.: 10.50 ft (L) × 6.30 ft (H)
  - Total Area: 66.15 Sq. Ft. (Approx)
- Cabinet Material: Die-cast aluminium
- Maintenance: Front maintenance (magnetic module)
- Brightness: 600–1000 nits
- Refresh Rate: ≥1920 Hz
- Viewing Angle: ≥140° (H/V)
- Contrast Ratio: ≥5000:1
- Grey Scale: 14/16 bit
- Input Voltage: AC 100–240V
- Life Span: ≥100,000 hours
- Ingress Protection: IP31/IP41 (Indoor)



#### 2.2 LED Wall Controller (01 No.)

- Input Interfaces: HDMI / SDI / DVI / Optical Fiber
- Supports resolutions up to 4Kx2K@60Hz
- Multiple Gigabit Ethernet output ports
- Seamless switching, scaling, PIP/PBP
- Rack mountable (1U/2U)

#### 2.3 Iron Framework & Fabrication (LS)

- Heavy-duty iron framework suitable for LED wall installation
- Fabrication and erection as per industry standards

#### 2.4 Powered Speakers (04 Nos.)

- Frequency Range: 52Hz – 20kHz
- Power Output: Approx. 1000W Dynamic
- Coverage: H90° x V60°
- Mounting options: Pole mount / wall mount / flying

#### 2.5 Wall Mount Speaker Brackets (04 Nos.)

- Heavy-gauge steel construction
- Adjustable tilt and swivel
- Load capacity exceeding speaker weight by minimum 25%

#### 2.6 Audio Mixer (01 No.)

- Minimum 12-channel mixer
- Mono mic/line inputs with phantom power
- 3-band EQ on mono channels
- Balanced XLR main outputs
- Rugged metal chassis

#### 2.7 Transportation, Installation & Commissioning (LS)

- Includes freight, insurance, unloading, installation, testing and commissioning
- Complete handover in working condition

#### 3. Price Bid

- Rates shall be quoted FOR destination, inclusive of GST and all charges
- No extra charges shall be paid

#### 4. Warranty & Support

- Minimum 1 years comprehensive onsite warranty for all equipment
- Free replacement/repair during warranty period

#### 5. Experience:

- Minimum one year experience is required in the supply and dealing with the same material.



**Veer Madho Singh Bhandari Uttarakhand Technical University Campus Institute**

**टी० एच० डी० सी० हाइड्रोपावर अभियांत्रिकी एवं प्रौद्योगिकी संस्थान, टिहरी**

**THDC Institute of Hydropower Engineering & Technology, Tehri**

**Bhagirathipuram, Tehri Garhwal, 249124 Uttarakhand, India**

<http://www.thdcihet.ac.in>

[director@thdcihet.ac.in](mailto:director@thdcihet.ac.in)

&

[pa2director@thdcihet.ac.in](mailto:pa2director@thdcihet.ac.in)

Ph.No. 8533880324

## 6. General Terms & Conditions

- I. The work shall be executed on site basis i.e. THDC-IHET, Tehri.
- II. The Institute reserves the right to accept or reject any or all bids without assigning any reason.
- III. Incomplete or conditional bids shall be rejected.
- IV. All submitted documents are must be signed and seal.
- V. All disputes shall be subject to the jurisdiction of Tehri, Uttarakhand.

The interested suppliers may kindly submit their quotation through e-mail ([purchase.thdcihet.ac.in](mailto:purchase.thdcihet.ac.in)) as per attached format (Annexure-1) within one week and also provide a hardcopy on below mentioned address:

**To**

**The Director**

**THDC Institute of Hydropower Engineering and Technology,**

**Bhagiratipuram-249124 Tehri-Garhwal**

**Uttarakhand**

Note:

1. Please mention "Quotation for LED Panel" on the upper side of quotation envelops".
2. Before submission of quotations, suppliers are advised to check onsite locations and requirements.
3. For Technical inquiry you may contact to Mr. Harender Mehra (8979085650) or email to [purchase@thdcihet.ac.in](mailto:purchase@thdcihet.ac.in)

**DIRECTOR  
THDC-IHET**



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## ANNEXURE-1

### PRICE BID (BOQ) – LED PANEL & AUDIO SYSTEM

The bidder shall quote their competitive prices against each item mentioned below. Rates should be inclusive of GST, transportation, installation, testing and commissioning on FOR destination basis.

S. No.	Item Description	Make	Qty	Unit	Rate (₹) Inclusive of GST	Total Amount (₹)
1	Indoor P1.8mm Magnetic Die Casting Aluminium LED Wall (3200mm x 1920mm)		66.15	Sq.Ft.		
2	LED Wall Controller (HDMI/SDI/DVI/OPT)		01	No.		
3	Iron Framework & Fabrication for LED Wall		01	LS		
4	Powered Speakers		04	Nos.		
5	Wall Mount Speaker Brackets		04	Nos.		
6	Audio Mixer (Minimum 12 Channel)		01	No.		
7	Transportation, Installation, Testing & Commissioning (SITC)		01	LS		
	Total					

Total Quoted Value (In Figures & Words): \_\_\_\_\_

GST Registration No.: \_\_\_\_\_

Signature & Seal of Bidder: \_\_\_\_\_

Date: \_\_\_\_\_