



ಭಾರತೀಯ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ಸಂಸ್ಥೆ ಧಾರವಾಡ

भारतीय सूचना प्रौद्योगिकी संस्थान धारवाड़

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DHARWAD

[Institute of National Importance by an Act of Parliament]

Ittagatti Road, Near Sattur Colony, Dharwad 580009, Karnataka, India.

Website: www.iiitdwd.ac.in

NOTICE INVITING QUOTATION (NIQ)

NIQ No.: IIITDWD/Estate/2025-26/ 945

Date of Issue: 13.07.2026

Last Date & Time of Submission: 27-07-2026 up to 2:00 PM

Date & Time of Opening the Quotation: Will be intimated later

Place of Submission: Engineering Section, Pie Block, IIIT Dharwad Campus, Dharwad – Karnataka

Or

Email- aee@iiitdwd.ac.in

Name of Work: Providing Consultancy Services for Acoustic Improvement Works in M-Block (Multipurpose Hall) at IIIT Dharwad

Estimated Cost: ₹3,54,000.00/- (Rupees Three Lakh Fifty-Four Thousand Only) including GST

The bidders are required to quote their rates strictly after carefully studying and understanding the complete Scope of Work, Terms & Conditions, and other requirements mentioned in the NIQ document. Quotations submitted in any format other than the prescribed format shall not be considered.

The quotations will be received up to 02:00 PM on 27-07-2026 along with all necessary documents Engineering Section, Pie Block, IIIT Dharwad Campus, Dharwad – Karnataka.

For any clarification/query related to the BOQ, Scope of Work, or NIQ document, please contact:

Contact Email ID: aee@iiitdwd.ac.in



Registrar

IIIT Dharwad

ಕುಲಸಚಿವರು/ कुल सचिव/ REGISTRAR

IIIT DHARWAD

Near Sattur Colony, Ittagatti Road,

Dharwad - 580 009



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Instructions for Submission of Quotation:

The sealed envelope containing the quotation shall be superscribed with the following details:

“Name of Work, NIQ No., and Contact Details of the Agency”

The agency shall submit the following self-attested documents along with the duly filled and signed Annexure (enclosed):

1. Firm Registration Certificate along with complete firm details.
2. GST Registration Certificate.
3. Experience/Work Completion Certificates for one similar acoustic works executed previously.
4. Duly filled and signed NIQ document, **Annexure-1** and **Annexure-2**



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TERMS AND CONDITIONS

1. The consultancy services shall be carried out in accordance with the latest applicable standards, codes, guidelines, and regulations of the Council of Architecture, National Building Code (NBC), relevant BIS/IS Codes, CPWD/KPWD guidelines, and as per the requirements and directions of IIIT Dharwad.
2. The Architect/Consultant shall provide services strictly as per the approved Scope of Work, including architectural planning, acoustic design development, preparation of drawings, technical specifications, estimates, coordination, and other consultancy services required by the Institute.
3. The consultancy fee quoted by the Consultant shall remain firm and fixed until completion of the assigned consultancy services and shall not be subject to any escalation under any circumstances
4. The Consultant shall visit the project site, study the existing conditions, requirements, and constraints before submission of design proposals. No additional charges shall be payable for site visits or any services included in the approved Scope of Work. The quoted rates shall be inclusive of all applicable taxes, duties, statutory charges, and other expenses.
5. All drawings, designs, specifications, reports, calculations, simulations, and other documents prepared by the Consultant shall be submitted in the required format and shall be subject to review and approval by IIIT Dharwad.
6. Any modifications/revisions required due to errors, omissions, deficiencies, or non-compliance with applicable standards in the submitted drawings/documents shall be carried out by the Consultant without any additional cost to IIIT Dharwad.
7. Payment shall be released based on satisfactory completion of consultancy milestones/services and submission of required deliverables, duly verified and accepted by the Competent Authority of IIIT Dharwad.
8. The Consultant shall not outsource any part of the assigned consultancy work to any third party without obtaining prior written approval from IIIT Dharwad



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9. The Consultant shall provide soft copies and hard copies of all final drawings, reports, calculations, specifications and other documents prepared during the consultancy period.
 10. During the design stage, necessary provisions for required services such as electrical systems, lighting systems, sound/audio systems, communication systems, and other allied services shall be considered wherever applicable to ensure proper integration and future operational requirements.
 11. IIIT Dharwad reserves the right to accept or reject any or all quotations/proposals without assigning any reason thereof.
 12. The quotation/proposal submitted by the Consultant shall remain valid for a period of 75 days from the date of opening of the quotation.
 13. Any dispute arising out of the consultancy agreement shall be subject to the jurisdiction of Courts at Dharwad, Karnataka only.
 14. The Architect/Consultant shall quote the rates after assessing the site conditions and after fully understanding the Scope of Work and requirements of the Institute.
 15. Payment shall be made strictly as per the approved payment schedule mentioned in the NIQ document, subject to satisfactory completion and acceptance of respective milestones by IIIT Dharwad.



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SCOPE OF WORK

1. Site Assessment and Acoustic Study

- Conduct detailed site visits and inspections of the Multipurpose Hall.
- Assess the existing acoustic conditions of the hall, including sound reflection, reverberation, echo, speech intelligibility, sound distribution, and other acoustic deficiencies.
- Study the existing architectural features, dimensions, finishes, ceiling heights, wall surfaces, structural elements, and seating arrangements affecting acoustic performance.
- Review existing architectural, structural, and service drawings provided by the Institute.
- Identify acoustic problem areas and recommend suitable remedial measures.

2. Acoustic Analysis and Design Development

- Carry out electroacoustic design and analysis of the hall.
- Prepare acoustic performance simulations to demonstrate sound propagation, reflection paths, reverberation characteristics, and echo patterns within the hall.
- Develop suitable acoustic treatment solutions for walls, ceilings, columns, and other relevant surfaces.
- Determine the type, thickness, density, location, and quantity of acoustic treatment materials required to achieve the desired acoustic performance.
- Specify speaker placement with specifications along with coverage pattern.
- Ensure that the proposed treatment enhances speech clarity, listening comfort, and overall sound quality for seminars, conferences, convocations, cultural programs, and other events.

3. Preparation of Conceptual Designs and Auraliation

- Provide binaural auralization with audio samples of existing and proposed acoustic design via simulation.
- Provide 3D renderings, visual presentations, and realistic views showing the proposed acoustic treatment.
- Prepare graphical representations illustrating existing and proposed sound reflection, reverberation, and sound distribution characteristics within the hall.
- Present alternative design options, wherever necessary, for consideration by the Institute.



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4. Detailed Drawings and Documentation

- Prepare detailed CAD drawings and 3D renders indicating:
 - Location and arrangement of acoustic panels.
 - Panel dimensions and fixing details.
 - Ceiling treatment layouts.
 - Material specifications and finishes.
 - Colour schemes (Min Two. for approval) and aesthetic treatments.
 - Interface details with existing architectural and service elements.
- Prepare construction drawings required for execution of the work.
- Revise drawings, if required, based on Institute comments and site conditions.
- During the design stage, necessary provisions for the sound system, stage lighting system, and associated electrical infrastructure shall also be considered to ensure seamless integration, functional efficiency, and future operational requirements

5. Technical Specifications and Approved Materials

- Prepare detailed technical specifications for all materials and workmanship.
- Recommend suitable acoustic materials based on performance requirements.
- Provide a list of approved makes/manufacturers for acoustic panels, insulation materials, support systems, fixing accessories, and related components.
- Specify minimum acoustic performance criteria, sound absorption coefficients, fire-retardant properties, durability requirements, and quality standards.

6. Quantity Estimation and Costing

- Prepare a detailed Bill of Quantities (BOQ) for the complete work.
- Prepare detailed item-wise cost estimates based on prevailing market rates.
- Provide quantity calculations and rate analysis wherever required.
- Assist the Institute in establishing a realistic project budget.

7. Tender Documentation

Prepare complete tender documents including:

- Scope of work.
- Technical specifications.



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- Reverberation Time (RT60): 0.8–1.2 s mid-band (occupied) for speech-based multipurpose use in simulation as well as on-site measurements.
 - Speech Transmission Index (STI): ≥ 0.58 over the audience area in simulation as well as on-site measurements.
 - Uniform sound field throughout the seating area with ± 3 dB variation across seating points in simulation as well as on-site measurements.
 - Frequency response plots in multiple seating areas.
 - Elimination of flutter echoes and objectionable discrete reflections, typically avoiding parallel reflective surfaces.
 - Balanced acoustics suitable for speech and amplified performances with RT curve showing a linear behaviour with no major dips or boosts in any frequency bands.
 - Acoustical calculations shall be done with industry recognized software such as EASE5 PRO, ODEON or equivalent with auralization/Ray-tracing analysis for high accuracy with realistic results. Sabine, manual and excel based reverberation time calculations shall not be accepted.
 - Acoustical tests shall be conducted as per equipments and procedures in relevant standards such as ISO-3382 for reverberation time and so on. All standards shall be mentioned and verifiable for relevance.
- Bill of Quantities.
 - Approved drawings.
 - Technical eligibility criteria.
 - Quality control requirements.
 - Testing and commissioning requirements.
 - Warranty and defect liability requirements.
 - Assist the Institute in issuing tender documents and responding to pre-bid technical queries.

8. Tender Evaluation Assistance

- Assist the Institute in technical scrutiny and evaluation of bids received.
- Examine compliance of bidders with technical specifications and eligibility criteria.
- Evaluate proposed materials, makes, and methodologies submitted by bidders.
- Submit technical evaluation reports and recommendations to the Institute.



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09. Construction Supervision

- Periodic site inspection (Based on the requirement of the institute)
- Approval for material sample
- Quality monitoring
- Verification of compliance with approved drawings and specifications
- Guidance for resolving site related issues

10. Technical Support

- Technical clarification during execution
- Review of proposed substitution and modification
- Participation in review meetings
- Recommendations for unforeseen site conditions

11. Testing and Performance verification

- Witness testing and commissioning.
- Verification of acoustic performance after installation
- Assessment of reverberation reduction, echo control and speech intelligibility
- Recommendation of corrective measures, if required.

12. Completion and Certification

- Final inspection
- Certification of completed works
- Submission of compilation and performance reports
- Assistance during the defect liability period, if required.



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PAYMENT SCHEDULE:

Stage	Mile stone achieved	Payment	Cumulative payment
Stage-I	Completion of Site Assessment and Acoustic Study, Acoustic Analysis and Design Development, Preparation of Conceptual Design and Auralization, Detailed Drawings and Documentation (Clause 1 to 4 of Scope of Work)	30% of total awarded consultancy fee	30%
Stage -II	Completion of Technical Specifications and Approved Materials, Quantity Estimation and Costing, Tender Documentation (Clause 5 to 7 of Scope of Work)	30% of total awarded consultancy fee	60%
Stage- III	Completion of Tender Prequalification, Tender Evaluation Assistance, Technical Support, Testing and Performance Verification, Completion and Certification (Clause 8 to 12 of Scope of Work)	35% of total awarded consultancy fee	95%
Stage-IV	After completion of Defect Liability Period (DLP) of one year from completion of work	5% of total awarded consultancy fee	100%

Note: Payment at each stage shall be released only after satisfactory completion of the respective milestone, submission of required deliverables, and acceptance/approval by IIIT Dharwad.



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Annexure -1

PARTICULARS TO BE FILLED BY THE BIDDER

Name of the Bidder: _____

GST No.: _____

PAN No.: _____

Complete Address: _____

Contact Person Name & Mobile No.: _____

Email ID: _____

Bank Details of the agency : _____

Experience Details (Attach Certificates mentioning with page number):



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Annexure-2
SCHEDULE OF QUANTITIES

Sl. No.	Description	UOM	Qty	Amount (₹)
1	Providing Consultancy Services for Acoustic Improvement Works of M-Block (Multipurpose Hall) at IIIT Dharwad, including all services as per the approved Scope of Work mentioned in the NIQ document.	Job	01	
	Applicable GST			
	Total Amount with GST in Rs. /-			

Total Amount including GST in words: