

# REQUEST FOR PROPOSAL




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**Name of Work: Acoustics Design and Consultancy for the two classrooms in IIM Kashipur**

Consultancy services for the acoustic design of two classrooms are invited on behalf of IIM Kashipur from eligible bidders with experience in executing 3 acoustic design works in any organization.

<b>RFP No.</b>	IIMKASHIPUR/WORKS DEPTT/RFP/02/2023-24 DATED 22 FEBRUARY 2024
<b>Name of Work</b>	<b>Acoustics Design and Consultancy for the two classrooms in IIM Kashipur</b>
<b>Location</b>	<b>IIM Kashipur</b>
<b>Earnest Money</b>	<b>3,000/-</b>
<b>Stipulated Period of Completion of work</b>	<b>1 months</b>
<b>Last date of submission of bid and other documents as specified in the bid document.</b>	Up to <b>15:00</b> Hrs on 01 March 2024
<b>Time and date of opening of Bid</b>	<b>15:30</b> Hrs on 01 March 2024

**Eligibility criteria-**

1. Experience certificate in executing 3 acoustic design works in any organization.
2. GST registration certificate
3. Copy of PAN Card
4. EMD

**The Work Area:**

1. The size of the rooms are 19 x 6 meters and 14 x 6 meters with a ceiling height of 4.6 meters. The ceiling is waffle-type. The rooms have large glazed areas. The centralized HVAC system is provided, and some noise issues may have to be addressed. The plans are attached herewith.

2. The designer shall submit the schematic design and get approval from the IIM Kashipur. Comments of IIM Kashipur, if any, shall be incorporated in the detailed design.

It is a small work. The deliverables are as under: -

- i. Detailed drawings indicating Construction & Installation methodology for acoustics design.
  - ii. Detailed specifications for HVAC noise control
  - iii. Material Specifications with quantities and estimates
  - iv. Detailed Tender specifications and drawings.
3. In the case IIM Kashipur requires any assistance during the execution of the work, the agency shall provide the same. An amount of Rs.20000/- shall be released after 3 months of submission of detailed design or completion of the work, whichever is earlier.

### **Scope of the work-**

- Site evaluation due diligence from the acoustics design perspective.
- Reverberation time control inside the space
- Optimizing the design to achieve the right acoustical parameters like Speech Transmission Index (STI) and %AlCons ratings as a measure of sound intelligibility and speech clarity.
- Sound isolation design of each type of room from adjacent spaces
- Advanced ray-tracing techniques and simulation of each space to determine the acoustical behaviour of the space with accurate 3D wireframe models
- Details drawings and material specifications for the wall panelling and false ceiling.
- Sound isolation between spaces across walls and movable partitions
- MEP machines noise control measures inside the spaces
- Complete project HVAC noise control, including and machine room and ducting layout suggestions to ensure low NC (noise criteria) levels inside the space using detailed calculations based on machine sound levels

### **Acoustical Measurement:**

- Perform final site evaluation visit, including acoustical testing of mechanical noise in terms of noise criteria (NC), airborne sound transmission in terms of Sound Transmission class (STC/Dw), reverberation time (RT60), speech intelligibility (STI-PA), Prepare final report with advice when remedial action is required.

### **Schematic Design:**

- Acoustics design with schematics
- Vetting of HVAC layout with respect to acoustics
- Construction and installation methodology for acoustics
- Material Specifications with list of vendors
- BOQ with Budgetary estimates

**Detailed Design Deliverables:**

- Detailed drawings indicating Construction & Installation methodology for acoustics design
- Detailed specifications for HVAC noise control
- Material Specifications with quantities and estimates
- Detailed Tender specifications and drawings.

**TERMS OF RFP :-**

1. RFP is to be sent in an envelope which should be SEALED, super-scribed “**Acoustics Design and Consultancy for the two classrooms in IIM Kashipur** with RFP No.....and date..... addressed to the ENGINEER-IN-CHARGE, Indian Institute of Management Kashipur, Kundeshwari, District- Udham Singh Nagar, Kashipur-244713.
2. Rates should be inclusive of all taxes (i.e. inclusive of GST and other miscellaneous charges).
3. Taxes as applicable shall be deducted as per norms.
4. The RFP must be submitted with quoting rates on Schedule of Quantity (SoQ) in words & figures separately.
5. The time frame for completion of work is 30 days from the date of the award letter.
6. You are advised to visit Institute premise and ascertain the quantum of job and clarify your doubts before quoting the rates for more clarity of work. Any additional claim will not be entertained at later date.
7. The rates quoted should be firm and cannot be changed during the work execution.
8. All tools and plants required for completion of the work is in the scope of the vendor.
9. The contractor must have valid the PAN and GST No.
10. The rates quoted by the contractor should be based on site inspection. No extra cost is allowed in the said job in case of variations.
11. The Contractor must check the apparatuses/instruments/ equipment at the site prior to quoting the rates.
12. All disputes arising out of the quotation will fall under jurisdiction of Kashipur court.
13. The payment will be released after the submission of final detailed design.
14. IIM Kashipur may terminate the bid process at any time and without assigning any reason and makes no commitment, express or implied, that this process will result in a business transaction with anyone.
15. The EMD amount will be released after the completion of the work. This amount will be liable to be forfeited during the period of contract in case breach of any terms and conditions of the contract or failure to provide any services under the contract or loss results from contractor failure and breach of obligation under the contract.

**Financial Proposal Submission Form**

Sub- Acoustics Design and Consultancy for the two classrooms in IIM Kashipur

Sl. No.	Particulars	Quoted Total Cost in Figures (With GST)	Quoted Total Cost in Words (With GST)
1.	Total Cost for Acoustics Design and Consultancy for the two classrooms in IIM Kashipur as per scope of the work		

Note: The total cost will include all the elements including boarding, lodging, food, and other miscellaneous charges. No extra payment shall be made by the institute.

Signature of Contractor

Name and full address

**NOTES**

1. All dimensions are in meters unless otherwise specified.

2. All work is to be done in accordance with the Indian Standards (IS) and other applicable codes of practice.

3. The contractor shall be responsible for obtaining all necessary permits and approvals from the relevant authorities.

4. The contractor shall ensure that the work is completed within the stipulated time frame.

5. The contractor shall maintain the site clean and tidy at all times.

6. The contractor shall ensure the safety of all personnel and the public at all times.

7. The contractor shall provide all necessary safety equipment and measures.

8. The contractor shall ensure that the work is done in accordance with the approved drawings and specifications.

9. The contractor shall provide all necessary materials and labor.

10. The contractor shall ensure that the work is done in accordance with the approved drawings and specifications.

**KEY PLAN**

**BODHIMANDA - ADMINISTRATIVE BLOCK**

**DOOR/WINDOW SCHEDULE**

NO.	DESCRIPTION	QTY	UNIT
1	WOODEN DOOR	10	NO.
2	ALUMINIUM WINDOW	20	NO.
3	GLASS WINDOW	15	NO.
4	WOODEN WINDOW	5	NO.
5	ALUMINIUM DOOR	5	NO.
6	GLASS DOOR	3	NO.
7	WOODEN DOOR	8	NO.
8	ALUMINIUM WINDOW	12	NO.
9	GLASS WINDOW	10	NO.
10	WOODEN WINDOW	4	NO.
11	ALUMINIUM DOOR	3	NO.
12	GLASS DOOR	2	NO.
13	WOODEN DOOR	6	NO.
14	ALUMINIUM WINDOW	10	NO.
15	GLASS WINDOW	8	NO.
16	WOODEN WINDOW	3	NO.
17	ALUMINIUM DOOR	2	NO.
18	GLASS DOOR	1	NO.
19	WOODEN DOOR	4	NO.
20	ALUMINIUM WINDOW	8	NO.
21	GLASS WINDOW	6	NO.
22	WOODEN WINDOW	2	NO.
23	ALUMINIUM DOOR	1	NO.
24	GLASS DOOR	1	NO.
25	WOODEN DOOR	2	NO.
26	ALUMINIUM WINDOW	4	NO.
27	GLASS WINDOW	3	NO.
28	WOODEN WINDOW	1	NO.
29	ALUMINIUM DOOR	1	NO.
30	GLASS DOOR	1	NO.

**SCHEDULE OF WINDOW**

NO.	DESCRIPTION	QTY	UNIT
1	WOODEN WINDOW	4	NO.
2	ALUMINIUM WINDOW	8	NO.
3	GLASS WINDOW	6	NO.
4	WOODEN WINDOW	2	NO.
5	ALUMINIUM WINDOW	4	NO.
6	GLASS WINDOW	3	NO.
7	WOODEN WINDOW	1	NO.
8	ALUMINIUM WINDOW	2	NO.
9	GLASS WINDOW	1	NO.
10	WOODEN WINDOW	1	NO.
11	ALUMINIUM WINDOW	2	NO.
12	GLASS WINDOW	1	NO.
13	WOODEN WINDOW	1	NO.
14	ALUMINIUM WINDOW	2	NO.
15	GLASS WINDOW	1	NO.
16	WOODEN WINDOW	1	NO.
17	ALUMINIUM WINDOW	2	NO.
18	GLASS WINDOW	1	NO.
19	WOODEN WINDOW	1	NO.
20	ALUMINIUM WINDOW	2	NO.
21	GLASS WINDOW	1	NO.
22	WOODEN WINDOW	1	NO.
23	ALUMINIUM WINDOW	2	NO.
24	GLASS WINDOW	1	NO.
25	WOODEN WINDOW	1	NO.
26	ALUMINIUM WINDOW	2	NO.
27	GLASS WINDOW	1	NO.
28	WOODEN WINDOW	1	NO.
29	ALUMINIUM WINDOW	2	NO.
30	GLASS WINDOW	1	NO.

**CONTRACT SCHEDULE**

NO.	DESCRIPTION	QTY	UNIT
1	WOODEN DOOR	10	NO.
2	ALUMINIUM WINDOW	20	NO.
3	GLASS WINDOW	15	NO.
4	WOODEN WINDOW	5	NO.
5	ALUMINIUM DOOR	5	NO.
6	GLASS DOOR	3	NO.
7	WOODEN DOOR	8	NO.
8	ALUMINIUM WINDOW	12	NO.
9	GLASS WINDOW	10	NO.
10	WOODEN WINDOW	4	NO.
11	ALUMINIUM DOOR	3	NO.
12	GLASS DOOR	2	NO.
13	WOODEN DOOR	6	NO.
14	ALUMINIUM WINDOW	10	NO.
15	GLASS WINDOW	8	NO.
16	WOODEN WINDOW	3	NO.
17	ALUMINIUM DOOR	2	NO.
18	GLASS DOOR	1	NO.
19	WOODEN DOOR	4	NO.
20	ALUMINIUM WINDOW	8	NO.
21	GLASS WINDOW	6	NO.
22	WOODEN WINDOW	2	NO.
23	ALUMINIUM DOOR	1	NO.
24	GLASS DOOR	1	NO.
25	WOODEN DOOR	2	NO.
26	ALUMINIUM WINDOW	4	NO.
27	GLASS WINDOW	3	NO.
28	WOODEN WINDOW	1	NO.
29	ALUMINIUM DOOR	1	NO.
30	GLASS DOOR	1	NO.

**CAMPUS OF BODHIMANDA**

**GOOD FOR CONSTRUCTION**

DATE: 20/11/2016  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 PROJECT NO: BOD-AR-201



**THIRD FLOOR PLAN**  
DATE: 10 NOV, 2016



---	WALL
---	DOOR
---	WINDOW
---	GLASS
---	...

**GOOD FOR CONSTRUCT**

DATE: 20/11/2016

BY: [Signature]

FOR: [Signature]

**BOOHAMANDA THIRD FLOOR**

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**BOOHAMANDA INSTITUTE OF MANAGEMENT**

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**BOOHAMANDA THIRD FLOOR**

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**BOOHAMANDA THIRD FLOOR**

BOOHAMANDA

**IM KASHIPUR CAMPUS**

**BOOHAMANDA - Admin**

**BLOCK**

**DOOR/WINDOW SCH**

**SCHEDULE OF DOOR**

NO.	TYPE	MARKING	DESCRIPTION
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**SCHEDULE OF WINDOW**

NO.	TYPE	MARKING	DESCRIPTION
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**NOTES**

1. All dimensions are in meters unless otherwise specified.
2. Refer to the structural drawings for column and beam locations.
3. The floor finish is to be as per the specification.
4. The door and window schedules are as per the attached schedules.
5. The floor is to be finished with a smooth surface.
6. The floor is to be finished with a smooth surface.
7. The floor is to be finished with a smooth surface.
8. The floor is to be finished with a smooth surface.
9. The floor is to be finished with a smooth surface.
10. The floor is to be finished with a smooth surface.