



IIT Mandi iHub & HCl Foundation
Technology in Harmony with Human Needs

IIT Mandi iHub & HCl Foundation

Section 8 Not-for-Profit Company

Technology Innovation Hub (TIH) in Human-Computer Interaction (HCl)

Regd. Office: Indian Institute of Technology Mandi, VPO Kamand, Mandi, Himachal Pradesh, India – 175075

EXPRESSION OF INTEREST(EOI) FOR SKILL DEVELOPMENT TRAINING PARTNERSHIP

EOI Ref No: iHub/EOI/2025-26/03

Dated: January 21, 2025

EOI Document can be downloaded from following websites:

www.ihubiitmandi.in

E-mail Address:

Avnish@ihubiitmandi.in

Address to:

General Manager
iHub and HCl Foundation
North Campus, IIT Mandi
Salgi Mandi,
Himachal Pradesh
175005

Workplace: IIT Mandi iHub and HCl Foundation Office, North Campus, IIT Mandi, VPO Kamand, District Mandi, Himachal Pradesh - 175075

Email: tih@ihubiitmandi.in | **Website:** <https://www.ihubiitmandi.in> | **CIN:** U73100HP2020NPL008102

Regd. Office: Indian Institute of Technology Mandi, VPO Kamand, Mandi, Himachal Pradesh, India – 175075

EXPRESSION OF INTEREST (EOI)

Dated: January 21, 2025

EOI Ref No: iHub//EOI/2025-2026/03

Expression of Interest (EOI) for skill development training partnership.

IIT Mandi iHub and HCl Foundation is a Technology Innovation Hub (TIH of IIT Mandi). It is focused on Human-Computer Interaction (HCl). It is set up by the Indian Institute of Technology (IIT) Mandi under India's National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).

The vision of IIT Mandi iHub and HCl Foundation is to be an internationally recognised Hub that nurtures HCl research and enables technology translation for industry and skill development.

IIT Mandi iHub and HCl Foundation has been actively involved in skilling youth across the various regions in India. To expand the reach and impact of this initiative, iHub is seeking partners to deliver skill development training programs in locations outside the IIT Mandi campus on an Opex model of costing.

Interested parties / eligible and competent service providers/agencies, meeting the eligibility criteria as per EOI document may submit their offer in prescribed application form under two bid systems.

The important information and schedule related to EOI:

Date of Issue/Publishing	Jan 21,2025
Start date and time of submission of bids	Jan 22,2025
Last date and time for submissions of bids	Feb 06,2025 up to 5:00pm
Date and time of opening of EOI/ Technical bid	Feb 07,2025 at 3:00pm
EOI processing fee (Non-refundable)	Nil
Cost of EOI document / Registration fee	Nil
Place of submission of EOI	IIT Mandi iHub and HCl Foundation, North Campus Near Mind Tree School Salgi, Mandi Himachal Pradesh 175005
No. of covers (two bid system)	02
Bid validity	90 days from the last date of submission of bids
Contact details Mobile E-mail Id	Mansi Pathania 8988563800 Mansi@ihubiitmandi.in

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Regd. Office: Indian Institute of Technology Mandi, VPO Kamand, Mandi, Himachal Pradesh, India – 175075

Location	IIT Mandi iHub and HCl Foundation.
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Note: The applicants are requested to read the EOI document carefully and ensure compliance with all instructions herein. Non-compliance with instructions in the document may disqualify the applicants.

General Manager

Signature & Stamp of Bidder:

Date:

Signature & Stamp of Bidder:

Date:

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Background:

1. IIT Mandi iHub and HCl Foundation is a Technology Innovation Hub (TIH of IIT Mandi). It is focused on Human-Computer Interaction (HCl). It is set up by the Indian Institute of Technology (IIT) Mandi under India's National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). The vision of IIT Mandi iHub and HCl Foundation is to be an internationally recognised Hub that nurtures HCl research and enables technology translation for industry and skill development.
2. IIT Mandi iHub and HCl Foundation is operating from IIT Mandi, North campus, located in Mandi, Himachal Pradesh, 175005.
3. IIT Mandi iHub and HCl Foundation invite potential partners to submit **Expression of interest (EOI) for a Skill development training program**. We are seeking budgetary proposals from partners who can deliver effective and innovative skill development training.

Requirements of IIT Mandi iHub and HCl Foundation:

1. **Location:** Pan India.
2. **Skill Courses:** The training programs should focus on the following domains, strictly adhering to approved Qualification Packs (QP-NOS):
 - **AI/ML:**
 - AI – Data Quality Analyst (QP-NOS from NASSCOM SSC)SSC/Q8101.
 - AI - Machine Learning Engineer (QP-NOS from NASSCOM SSC) SSC/Q8113.
 - **Drone Technology:**
 - Drone applications training (**Curriculum Developed by iHub as per Annexure-V**)
 - This should include training and facilitating RPC for small category drones
3. **Number of students:**
 - The target is to train a minimum of 200 students pan India from February to May 2025.
 - The enrollment for the last batch is acceptable until **March 31, 2025**.
 - Enrollment after March 31, 2025, will be subject to approval by iHub.
 - The number of students can be increased based on the training capacity of the partner, with prior approval from iHub.
4. **Student composition:**
 - At least **50% of the students** must be from the Scheduled Castes (SC) category.
 - The remaining students can be from the general category/Other Categories.
5. **Fee Structure:**
 - **SC Students:** No fees.
 - **General Category/Other Categories Students:**
 - Fee structure to be mutually agreed upon and collected in advance.
 - Fees collected from general category/Other Categories students must be transferred to iHub's designated bank account at intervals defined by iHub.

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6. **Placement:** The partner should make every effort to place all certified students within 90 days of certification.
7. **Reporting:**
 - Partner should provide reports in formats and intervals stipulated by iHub from time to time.
 - The partner should retain all documents pertaining to the project for 12 months after the project closure.
8. **Qualified Trainers:** Trainers must meet the minimum qualifications as defined by SSC or DGCA, as applicable.
9. **Students' Qualifications:**
 - For **AI/ML**: As defined by NASSCOM SSC for the applicable QP-NOS.
 - For **Drone Applications Training (DAT)**: Minimum qualification is **10th pass**, or as defined by DGCA from time to time.
10. **Minimum Age of Students:** 18 years
11. **Classrooms:**
 - Adequate, fully furnished classrooms equipped with tables, chairs, and basic teaching equipment (such as whiteboards, projectors, or screens).
 - Each room should comfortably accommodate at least **30 participants**.
12. **Labs:** Ensure these labs are equipped with the necessary technology, equipment, and safety features as defined by NASSCOM SSC or DGCA.
13. **RPTO:**
 - The partner must be an **RPTO licensed by DGCA** for drone flying training.
 - The partner is not permitted to offer only AI/ML courses.
14. **Faculty Requirements:**
 - Qualified and experienced faculty for teaching both **AI/ML** and **Drone Technology** courses are mandatory.
 - Experienced faculty for drone pesticide spraying and drone aerial videography/photography are specifically required.
15. **Supporting Infrastructure:** The facility should include restrooms, a lounge or break area for staff and trainees, and secure storage for equipment.
16. **Payment from iHub to Partner:** Partners must submit their quotes as per the format in **Annexure-III**.
17. **Payment Terms:**
 - **30%** on enrollment.
 - **30%** on 50% completion of the session plan.
 - **30%** on certification.
 - **10%** retention amount, to be paid upon full documentation and batch closure.

Evaluation Process: Proposals will be evaluated based on:

1. Training capacity and infrastructure.
2. Financial feasibility and transparency.
3. Experience in conducting similar training programs.

Terms & conditions:

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1. IIT Mandi iHub reserves the right to verify the infrastructure and facilities of the partner before awarding the contract.
2. Payment terms are as follows:
 - 30% on enrollment.
 - 30% on 50% completion of the session plan.
 - 30% on certification.
 - 10% retention amount, to be paid upon full documentation and batch closure.
3. The partner must provide detailed reports on training completion and certification for each student.
4. The decision of IIT Mandi iHub and HCl Foundation will be final in case of any dispute arising in the implementation of the terms of the contract.
5. The timeline to onboard a partner is one year. However, the engagement may be extended on a year-to-year basis, based on need and mutual agreement.
6. If the partner fails to provide the agreed services or does not meet the required standards, IIT Mandi iHub reserves the right to terminate the contract with one-month prior notice.
7. A penalty of up to 10% of the total contract value may be imposed for non-performance, delays, or failure to meet training quality standards.
8. Persistent non-compliance or failure to rectify issues within the notice period will result in immediate termination of the contract.

Preparation and submission of application

The applicants are advised to go through the EOI documents in detail and understand the requirement and terms & conditions specified therein before submitting the tender.

Both the bids (**Technical and Financial**) duly signed by the authorised signatory should be submitted in two separate sealed envelopes as described below:

Envelope 1: Containing technical bid in **Annexure-I** duly completed in all respects along with all relevant documents, duly signed and stamped by authorised signatory on each page of technical bid and relevant documents and should be super-scribed in bold letters with the statements: “**Technical bid for Skill development training partnership**”.

Envelope 2: Containing the financial bid, as prescribed in the **Annexure-III** and should be super-scribed in bold letters with the statements: “**Financial for Skill development training program**”. Finally, the above-mentioned envelopes should be kept in a single sealed cover/envelop super-scribed in bold letters with the statements – “**Application for Skill development training partnership**” and to be submitted at:

General Manager

IIT Mandi iHub and HCl Foundation
North Campus IIT Mandi
Salgi, Mandi
Himachal Pradesh
175005

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Following documents to be submitted along with the technical bid:

1. Letter for acceptance of terms & conditions of EOI document as per **Annexure-II**.
2. The technical bid should be accompanied by a copy of this EOI document with each page duly signed by the authorized signatory of the applicants, who has signed the application, as token of having read, understood and complied with EOI, the terms & conditions contained herein. Applications not accompanied by a duly signed copy of the EOI document will not be considered.
3. All the requisite information should be filled up in prescribed form and the filled-up application form, relevant information and required document should be clearly readable and all the pages of the document should be signed by authorized signatory.
4. Applications must reach on or before the closing time and date as indicated in the beginning of this document. Any application received after closing date/time shall not be considered. Applications received by **REGISTERED POST/SPEED POST/COURIER** are accepted. Applications received by any other mode like **FAX/E-MAIL etc.** will not be accepted. The IIT Mandi iHub and HCl Foundation will not be responsible for any postal delay.
5. The IIT Mandi iHub and HCl Foundation shall not be responsible for misplacement, loosing or premature opening of the outer envelope if not sealed and/or marked as stipulated. This may be the reason for rejection of the bid. If the financial proposal is not submitted in a separate sealed envelope duly marked as indicated above, this will constitute grounds for declaring the proposal non-responsive.
6. **Bid validity:** The bid shall remain valid for a period of **90 days** from the last date of submission of proposal. In case the applicant withdraws, modifies or changes his offer during the validity period, application is liable to be rejected without assigning any reason thereof and the applicant may be barred for 3 years to participate against any tender / EOI / RFQ of IIT Mandi iHub and HCl Foundation.
7. Any changes / corrigendum/extension of closing/ opening dates in respect of this EOI shall be issued through IIT Mandi iHub and HCl Foundation **website only** and no **press notification will be issued in this regard. Applicants are therefore requested to regularly visit IIT Mandi iHub and HCl Foundation website for updates.**
8. The applicant shall bear all costs associated with the preparation and submission of the application and IIT Mandi iHub and HCl Foundation will in no case be held responsible or liable for these costs, regardless of the conduct or outcome of this submission of application process.
9. The IIT Mandi iHub and HCl Foundation reserves the right to consider/reject any such proposal without assigning any reason. In case of rejection of application, the decision of competent authority will be final, and binding and the party shall not be entitled to any compensation whatsoever for non-issue of work.

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Application opening and evaluation

1. The applications would be evaluated based on the rates quoted by the service provider for the courses.
2. IIT Mandi iHub and HCl Foundation shall be under no obligation to accept the lowest quotation. However, the service should provide satisfying facilities /conveniences / utilities stated in the EOI documents may be considered in the interest of the organisation.
3. Non-fulfilment of any of the above terms shall result in rejection of the application.
4. IIT Mandi iHub and HCl Foundation reserves the right to visit a particular or all locations and reserves full right to choose any location and premises as suitable and may negotiate the rates as applicable.

General Manager
IIT Mandi iHub and HCl Foundation

Signature & Stamp of Bidder:

Date:

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Annexure- I Technical bid

Dated: January 21, 2025

EOI Ref No: iHub/EOI/2025-2026/03

Sr.No.	Requisite information	Firms' response
01	Name of the service provider/agencies	
02	Full address of the service provider/agencies Telephone /Mobile No. E mail ID.	
03	Registration of firm.	
04	CIN. PAN. GST certificate (if any).	
05	RPTO licensed by DGCA for drone flying training.	
06	Lab equipped with the necessary technology, equipment, and safety features as defined by NASSCOM,SSC or DGCA.	
07	Infrastructure details (classrooms etc.).	
08	Qualifications and experience of Instructor.	
09	Experienced faculty for drone pesticide spraying and drone aerial videography/photography.	
11	Whether agrees to abide by the terms & conditions of the EOI document? In the event of the award of the contract?	
12	Bank details	Beneficiary name: Account no: Bank name: Branch: IFSC code: MICR no: Type of account: (Saving/Current)
13	Payment terms agreed as specified in EOI documents.	

Signature & Stamp of Bidder:

Date:

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This is to certify that all the information stated above is true and correct to the best of my/our knowledge. I/We understand and accept the terms & conditions and further accept that if there is any suppression, fabrication and misstatement of facts in any form, will at once result in cancellation of my application and IIT Mandi iHub and HCl Foundation that reserves its rights to take such action as it may deem fit in such an eventuality.

(Signature of the authorized signatory)

Name of Signatory:

Date:

Name of the Service provider/Agencies:

Place:

Signature & Stamp of Bidder:

Date:

Workplace: IIT Mandi iHub and HCl Foundation Office, North Campus, IIT Mandi, VPO Kamand, District Mandi, Himachal Pradesh - 175075

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Annexure-II Letter for acceptance of terms & conditions

To
General Manager,
IIT Mandi iHub and HCl Foundation
North campus, IIT Mandi,
Mandi, Himachal Pradesh
175005

Date:

Sub: Acceptance of terms & conditions of Expression of interest [EOI] for a Skill development training program.

Dear Sir/Ma'am,

I / We have downloaded / obtained the EOI document(s) for the above mentioned "EOI from the web site namely as per your notice given in the above-mentioned website.

1. I / We hereby certify that I / we have read the entire terms & conditions of the EOI documents (including all documents like annexure(s), schedule(s), etc.), which form part of the contract, and I / we shall abide hereby by the terms / conditions / clauses contained therein.
2. I / We hereby unconditionally accept the EOI conditions of above mentioned EOI document(s) / corrigendum(s) in its totality / entirely.
3. No employee or direct relation of any employee of IIT Mandi iHub and HCl Foundation is in any way connected as partner / shareholder / director / advisor / consultant / employee etc. with the agency / firm / company.
4. I / We certify that all information and data furnished, and attachments submitted with the application by our agency / firm / company are true & correct.
5. I / We are aware that if any information is found to be incorrect / untrue or found violated, then your department / organization shall without giving any notice or reason thereof summarily reject our bid or terminate our contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit / performance security absolutely.

Yours Faithfully,
(Signature of the applicant, with official seal)

Signature & Stamp of Bidder:

Date:

Annexure-III Financial bid

Dated: January 21, 2025

EOI Ref No: iHub//EOI/2025-2026/03

	Per student	Total no. of students	Total amount
Training fee: AI - DQA			
Training fee: AI - MLE			
Drone Applications Training			
Total			

(Signature of the authorized signatory)

Name of signatory:

Date:

Name of the service provider(s)/agencies:

Place:

Signature & Stamp of Bidder:

Date:

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Annexure-IV

Dated: January 21, 2025

EOI Ref No: iHub//EOI/2025-2026/03

S.No.	Name of the bidder	Name and number of documents submitted	Remarks

Signature & Stamp of Bidder:

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Date:

Annexure-V

Dated: January 21, 2025

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This is subject to revision from time to time based on market demands). The Partner can suggest modifications to the curriculum in line with market demand. The Partner is required to develop the course content based on this curriculum.

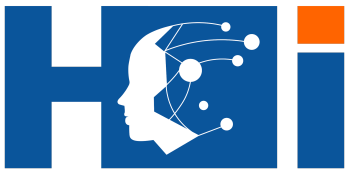
Drone Application Training

Session Plan (70 hrs + 5 days RPTO Training)

Day	Topic covered	Details	Hours
Day 1	Fundamentals of Drone	Overview of Drones, their classifications and categories, Safety Rules and Regulations.	7
Day 2	Drone Applications	Overview on Applications of Drones: Surveying, Surveillance, Photography/Videography, Agriculture and Defense etc.	7
Day 3	Agriculture Application	Agriculture applications in detail: Crop monitoring, pesticide spraying etc.	7
Day 4	Checklist and Risk assessment	Pre and post flight checks, types of emergencies, loss of UAV power- reasons	7
Day 5	Assembling & Deassembling	Assembling and deassembling the drone	7
Day 6	Simulation Practice	Making Square, circle and 8.	7
Day 7	Ground Training	Aerial Photography (Photography Drone), Making Square and circle (Agriculture Drone).	7
Day 8	Ground Training	Aerial Photography(Photography Drone),	7

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		Making circle and 8(Agriculture Drone).	
Day 9	Maintenance & Services	Drone Service & maintenance (any repairs).	7
Day 10	Field Operations	Uniform spraying activities, challenges and night flying.	7
Day 11 to 15		Five days training at RPTO	

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