

# INDIAN INSTITUTE OF TECHNOLOGY MANDI

Mandi - 175 001

Himachal Pradesh, India

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## INVITATION FOR EXPRESSION OF INTEREST (EOI)

FOR

CONSULTANCY SERVICES FROM QUALIFIED, EXPERIENCED AND COMPETENT CONSULTANTS FOR **MASTER PLANNING, ARCHITECTURAL AND ENGINEERING SERVICES** FOR THE MAIN CAMPUS OF INDIAN INSTITUTE OF TECHNOLOGY MANDI (HP)

The EOI documents may be submitted on or before 15<sup>th</sup> Sept. 2010 to: REGISTRAR I/C, Indian Institute of Technology Mandi, Mandi -175 001, H.P.

## REQUIREMENTS OF THE MASTER PLAN OF IIT MANDI, MANDI (H.P.)

### 1.0 About the Institute

IIT Mandi is a new IIT established in the year 2009. It is privileged to be the first IIT in the Himalayas. Presently, it is operating in a Transit Campus at Vallabh Govt. College, Mandi (H. P. ). The permanent Campus will come up in a land of 538 Acres at Kamand, about 12 kms from Mandi town. It lies along the river Uhl which is a tributary of the river Beas. Of the total area of about 200 acres is flat land while the rest is mountainous.

The campus also has a "Nala" going through it. There are plans to make a 2 MW SHP station to utilise the water resource of the "Nala".

The Campus at Kamand will be developed as a sustainable township which will have after 20 years from now a population of 20, 000. The projected number of population and buildings are only guidelines. The consultant may recommend different numbers based on feasibility.

### 2.0 Projected Requirement

## **2.1 Academic Zone Buildings**

### **(a) Lecture/Faculty rooms**

The Institute is interdisciplinary in nature and there should be one supporting office for about 20 faculty members or one per floor. All faculty members should have independent offices of about 20 sqm. There should be at least one common room in each floor for periodic meetings/interactions/relaxation.

Research Laboratories should be located close to the faculty rooms wherever possible and have research scholars seating place. As the Institute adopts more practice based learning programs, the class rooms should accommodate demonstration facilities/audio visual tools. The lecture halls should be designed in such a way that the students' movement outside the hall should not distract/disturb the class room teaching.

A 1000 seats auditorium (partitionable into 2 or 4 halls) and a restaurant/cafeteria should be included in the Master plan.

### **(b) Laboratories and Workshop Buildings**

The laboratories can be broadly classified into two categories: UG/PG laboratories and research laboratories in addition to the workshop. The research labs will house sophisticated equipments/instruments. All labs should have adequate secured storage facilities.

The workshop will cater to the UG and PG students for the regular workshop classes and also for development of research equipments. The Workshop should have different bays and mostly house heavy machineries like lathe, milling machine, etc.,

## **2.2 Traffic**

The students in the campus are advised to use only bicycles and the Master plan could consider separate lanes for the bicycle commuters in addition to walk ways. Sufficient parking lots should be provided for all categories of vehicles in each building. The parking shall be preferably within/under the buildings. Alternatively, it shall be open with suitable pavement to permit ground water recharging.

## **2.3 Additional buildings requirement**

The additional buildings should provide the area requirement summarized in Table I.

**Table I: Summary of the estimated land requirement for Main Campus of IIT Mandi at Kamand**

<b>Approximate Land Allocation</b>			
<b>S.No</b>	<b>Details</b>	<b>Approx. Land Area (in sqm)</b>	<b>Approx. Land Area (in ha)</b>
1	Academic Complex	861800	86.18
2	Residential Complex	325000	32.50
3	Services	400700	40.07
4	Amenities	601300	60.13
	<b>Total</b>	<b>2188800</b>	<b>218.88</b>

However, the total foot print of the facilities and buildings should not exceed about 25% of the total campus area. The institute will also have a Library, Computer and Internet Centre, Healthcare Centre, Students' Activity Centre, Sports Complex, About 10 Hostels for Boys and girls, Campus School up to 10+2 education for children of Institute's Community, Shopping Plaza etc.

**NOTE :** Only a brief summary of the requirements are given and are not limited to the above. Suggestions are invited in this regard from the consultants.

**OTHER ISSUES :** The selected consultants should also give consideration to the need for limiting the capacity of the campus, reducing students traffic during peak hours, sewage treatment, Main gate access, temporary research/storage space and mess facility for students.

### **3.0 Selection of Consultant/Architect**

The selection process is a 3 bid system – (a) prequalification, (b) technical evaluation and (c) financial evaluation. Through this EOI, interested Consultants/ Architects with registered office(s) in India are invited to submit details of their work as per Annexure A and B. The initial shortlisting will be done on the basis of EOI. The shortlisted Consultants/ Architects will be provided with the tender documents, details of the campus requirement as well as criteria for

selection. They will be requested to submit Technical and Financial bids. Only the financial bids of the bidders who pass the technical evaluation will be opened.

**Annexure-A**

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#### **List of Documents to be provided with EOI**

1. Details of works similar to development of campus of an IIT or Large Educational Institute completed in last five years, in the format given in Annexure-B. Experience of campus development in hilly terrain is preferred.
2. Annual Turnover during each of the last five years with supporting documents.
3. Registration of Company.
4. Partnership deed/ Memorandum and Articles of Association of the firm and their details.
5. Details of Skilled and Trained Manpower including Engineers and Technical staff presently employed and detail of software and hardware available with the Consultant.
6. ISO 9001-2000 certificate (if any).
7. Information on the Firm/ Organisation

(a) Firm's Legal Entity and Name

- (b) Type of Organisation (Individual/Partnership/Pvt. Ltd./Corporation/Other(Please specify))-Please enclose copy of Memorandum and Articles of Association/Partnership Deed, if applicable
- (c) Country of Incorporation/Registration
- (d) Date of Incorporation/Registration
- (e) Incorporation document or Registration Number (Please enclose copy of Registration Document).

8. Name of contact in India, details and position in company

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**DETAILS OF THE MAJOR PROJECTS COMPLETED AND COMMISSIONED BY THE CONSULTANT FIRM AND THEIR ASSOCIATES IN THE LAST FIVE YEARS**

1. The Architectural/Consultant Firm must have executed one similar work (development of campus of an IIT or Large Educational Institute) amounting to Rs. 400 Crores (or more) or two works of Rs 250 Crores (or more) each or three works of Rs. 150 Crores (or more) each. The annual turnover of the Architectural/Consultant Firm shall not be less than Rs. 5 Crores in terms of Consultant's fee, during each of the last three years in above mentioned similar works (and not in other fields).
2. Architectural/Consultant Firm should have done a Master Plan of minimum 150 Acres of an Educational Institute's campus.

Sl. No.	Name of the Project	Location	Total Project Cost for which consultancy has been provided	Whether the consultancy was provided as prime consultant or joint venture	Type of services rendered	Name, address and contact no. of Clients	Date of completion of the project	Duration of the consultancy assignment	Remarks

**Notes:**

1. Please give details including drawings/photographs of relevant projects only, which have been physically completed and commissioned.
2. Please submit performance and completion certificates from the client in respect of the information furnished above.