

Government of Himachal Pradesh
Transport Department
Shimla

Pre-Qualification of Consultants / Architects for the Construction of I&C Building and Infrastructure for Baddi at Himachal Pradesh

On behalf of Director Transport, the applications are invited for appointment of Architect cum consultant for providing consultancy services for detailed architectural and structural planning, designing, estimation and tendering etc. for executing pilot projects on “Establishing Inspection & Certification Centre” in Baddi.

International Centre for Automotive Technology (ICAT), having its office at plot no 26, sector 5, IMT Manesar, Gurgaon is executing agency for this project. Any clarification on building layout, utilities, ICAT approval will be required.

2. Eligibility Criteria:

Interested and eligible Architects/ Consultants may submit their application, who have executed similar works, must furnish documentary evidence **as per annexure 1&2**.

Experience

- a. **The bidder must be in design business at least for the last 10 years.**
- b. **The Bidder must be conversant to design such centre with matrix of vehicle movement, parking, PEB shed construction, electrical & plumbing utilities, and mechanical / hydraulic equipment foundation work in India.**
- c. Summary of projects executed successfully in the past 5 years; focusing on brief descriptions of assignments, customer name and contact details, etc, to be provided.
- d. The bidder shall submit the Registration Number and the date of registration of the firm.
- e. Please attach copy of PAN/TAN, Service Tax no, Vat no and balance sheet for 3 years with the documents.
- f. A small presentation, for the work done & tentative proposed plan for the work if asked to be given before the Director, Transport. The date and time of presentation shall be intimated at least 10 days in advance.
- g. The bidder shall have a registered office in India and should have at least one branch office in NCR. All discussions and interaction shall take place in Baddi or Shimla.
- h. The bidder should be fully conversant with all the applicable building / construction bye-laws, local govt. and municipal codes, environmental laws, electrical and other regulations

applicable for the building construction and land development process.

3. Scope of Work: The brief scope of work is as under:

Name of Work: Construction of PEB Building with Infrastructure for setting up of I&C centre at Baddi

Description	Baddi, Himachal Pradesh (Rs)
Approx Cost of Project	775 Lacs

The general scope of professional work:

1. Preparation of detailed layout drawings/ designs as per ICAT requirement with revisions thereof, as necessary.
2. Preparation and submission of detailed estimates as per requirements including equipment foundation work.
3. Preparation of tender documents with required detailed drawings
4. Supports in scrutiny of tenders and preparation of comparative statement.
5. Supervision as per site requirement during execution of work.
6. Obtaining statutory approvals/ permissions from authorities concerned.
7. Assisting transport department in case contractor resorts to arbitration/Litigation
8. The duties and functions of the consultants mentioned above are only indicative and not exhaustive. The detailed duties and functions will be as per standard agreement. The selected Architect/consultant will have to enter into a formal agreement on stamp paper with the transport department as per the standard practice of the Organization.
9. Disbursement of the payment of Architects/Consultant's fee shall be as per the stages guidelines

The Vehicle Inspection building will be a Pre- Engineered steel structure building with civil work as required including utilities etc. The building will have four complete Inspection lanes, two catering to Light Duty Vehicles Three Wheelers & Taxis and the other two for Medium and Heavy Duty Vehicles.

4. Clauses

- a. Civil:** Shall consists of preparation of drawing/ design of Civil Structure / PEB structure, Architecture, Water Supply, Water Treatment, Sewage disposal, soil and environment investigation, landscaping, design foundation for Equipments etc for the entire I&C centre. The design specifications should be based on guidelines and should comply to IS: Standards.
- b. Electrical:** Shall design Electrical Distribution, Panels, Cabling, Switchgears,

Transformers, UPS, lighting, DG Set, Controls, Earthing, etc, for the entire I&C centre. Power calculation should be done to ensure sufficient power
Grounding of entire data center and individual equipments shall be part of electrical design.

- c. **Mechanical:** Shall design HVAC (heating, ventilation & air conditioning, Precision Air Conditioning & Comfort Air Conditioning for Office Area), pumps, filters, piping, ducts, insulation system, etc, for the I&C centre.
- d. **Interiors:** Shall design Interiors for I&C Center, and associated buildings (Wall paint/Office Space/Furniture/file storage cabinets/Manager's room, etc.)
- e. **Building Management System:** Shall design Building Management and Control system for the entire I&C centre. Building Management service should be able to integrate all physical and electronic systems in datacenter over an IP platform. A Mediator platform should be incorporated to ensure the information flow between various devices and systems.
- f. **Security:** Shall design Access Control System, Surveillance System, Attendance System, building security, etc, for the entire I&C centre. All systems and sub-systems for security shall be designed for IP platform integration.
- g. **Fire Detection & Suppression System:** Shall design fire detection, suppression and alarm system for the entire I&C centre.
- h. **Office Space and Amenities:** Shall design office space and amenities with complete data, voice & electrical wiring and associated requirements for about 100 persons.
Hardware & Networking: Shall design LAN, Internet Connectivity and other data & voice connectivity, drawing specifications of hardware, networking devices, security devices, Server Racks, Network Racks, etc, required for the data centre.
- i. **Network Operations Centre (NOC):** Shall design the Network Operations Centre (NOC) and prepare specifications for all the hardware & software components required for it.
- j. **Disaster Recovery (DR):** Shall design the near-site and far-site DR plans for the I&C Center.
- k. **Site Supervision:** Shall supervise (randomly as per the requirements of client, subject to maximum of 10 visits, and if further needed the consultants may be paid extra per visit basis on mutual consent.) During the construction and commissioning of the I&C centre.

Shall also carry out the audit to ensure that all activities and components have been carried out as per the specification.

- I. The individual components like LAN Cabling, Electrical Wiring, etc, should be as per the international standards

5. Minimum In-House Capability

In the Scope of Work at Clause 4, for points (a) to (k), the bidder should have in-house expertise in at least 5 areas. For the rest of the areas, if the bidder is associating with any 3rd parties, the name, contact details, experience and antecedents of those parties should be submitted along with the response in the prescribed format.

6. Associate / Partner Consultant's Experience

- a. The requirement of experience of the associated consultants (3rd parties) shall be identical in terms of number and type of data centers worked in as the main consultant.
- b. The profile and expertise of the key persons of the associated (3rd party) consultants who shall be working on the design along with the main consultant shall also be identical as the main consultant.

ANNEXURE 1.

Work completed during last 3 years (Including work on I&C centre)

Name of Work and Location	Contract amount	Date of award	Stipulated date of Completion	Actual date of Completion	Name and address of client	Name and phone no of client's contact person

Please attach evidence like copy of award letter / completion certificate given by client/ architect. Please also attach colored photograph of completed work.

