

BANARAS HINDU UNIVERSITY

VARANASI

[Website : www.bhu.ac.in]



EXPRESSION of INTEREST (Eoi) FOR

Academic Infrastructure

(based on Green Building Concept)

for its

Institute of Environment & Sustainable Development

LAST DATE FOR RECEIPT OF Eoi : 14th October, 2010

DATE & TIME OF Eoi Presentation : 21st October, 2010

**BANARAS HINDU UNIVERSITY
VARANASI - 221005, (U.P.)**

EXPRESSION OF INTEREST (EOI)

For VENDORS

Firms/ Companies/ Promoters/ Builders/ Contractors/ Joint Ventures for
planning/ designing and Project Management including supervision quality control and
processing & certification for payment of bills for the work of

Academic Infrastructure

(based on Green Building Concept)

for its

Institute of Environment & Sustainable Development

[EOI No.: SE/BHU/UWD/GREEN BUILDING-1/2010]

(Technical Bid- Part-A)

Place of deposition of EOI : Office of the Superintending Engineer, Banaras
Hindu University, Varanasi - 221005, Uttar Pradesh
(INDIA)

Last date of submission of EOI : 14th October, 2010 by 1600 HRS

[Envelope containing EOI should be Marked "E.O.I. for
IEST-BHU Project"]

Date & Time of opening of EOI : 21st October, 2010

Presentation Meeting on EOI : Short listed parties will be informed separately

Name of the Company/ Firm : _____

Address for the Correspondence : _____

Telephone No. : +91-_____

Fax No. : +91-_____

Mobile No. : +91-_____

E-Mail Address : _____@_____

Web Site of the Company / Firm : www. _____

Detailed Document for Expression of Interest

A) Detail of Firms/ Companies/ Promoters/ Builders/ Contractors/ Joint Ventures:

1. Name of firm/Institution :
(Personal details in case of individual)

2. Name of Contact Person :

3. Registered Office Address :

City: Pin Code:

State: Country:

4. Year of Establishment:

(From beginning including
as individual, if any)

5. Type of Firm : Public Limited/ Private Limited/ NGO/ Individual/ Other
(Put Tick mark)

Telephone Number(s) :

Fax No. :

Mobile Numbers with name :

Email Address :

Web Site :

Area of Specialization :

B) Detail of Directors/Promoters/Partners/Owners:

(Attach Brief Bio-Data having Name, Age, Qualifications, Experience etc)

C) Detail of Architects/Consultants/Associates/Firms:

(Attach Brief Profile)

D) Experience record details in Building & Development Projects:

(Give details of the major Completed & Ongoing Current Projects with Photographs)

1. Description of Projects/assignments handled:
2. Projects Location, Build up area (SQ.M), Cost involved (in Rs ____Lakhs):
3. Source of Funds:
4. Organization for whom carried out:
5. Remarks, if any:

E) Financial capabilities - Annual Turnover (last three years) and Net worth:

(Enclose documentary evidence)

F) Justification for competency:

(Enclose Write up in one page)

G) Fee expected Fee expected for the entire scope of work:

(such as Architectural work, structural design, certification including obtaining the relevant approval from the local authorities for the building plans, fire safety plans, preparation of models & estimating and Project management i/c site supervision, quality control and processing of bills for the work separately)

**Scope of Work for the Development of new Green Building
& campus of
Institute of Environment & Sustainable Development-BHU
for
Banaras Hindu University, Varanasi, India**

Part A

Preparation of Detailed Feasibility Reports of campus of IESD-BHU

The Project will be developed for new fully furnished environment friendly, - 6.5 Acres + 3.5 Acres IESD Campus, BHU, Varanasi for Faculty, Student & Training Programme with furniture, fixture, accommodation, canteen, services & landscaped campus having ample open space with 100% infrastructural back up for Electricity & Water supply etc., complete with fire-fighting emergency stairs and other safety features for the following:

Hostel and Guesthouse Accommodation – State of art Hostels having 100 rooms (50 room each for boys and girls separately) & a separate guesthouse with 20 rooms including office and Common facilities like Gymnasium, Conference Room, Dining Hall, Kitchen, Launderette, Common Room with Indoor games, etc.

Education Infrastructure – Administration & Instructional Block having Modern Classrooms, Director's Secretariat, Faculty Room, Conference Room, Library, Support Staff, Common facilities etc.

Research Infrastructure- Research laboratories for biological and chemical analysis and installation of computerized analytical equipment

General Common Utilities –

- Landscaped Garden & Plantation
- Water Tank
- Rain Water Harvesting System
- Waste Water Treatment
- Solar Energy System for Street Lighting & Water Heating
- Drinking Water Arena
- Road & Pathways

- Toilets (Gents & Ladies)
- Telephone PCO & Intercom
- Parking (Staff & Visitors)
- Security Guard Room
- Open Air Theatre
- Sitting & Waiting Area (Open & Covered)
- Canteen
- Reception & Help Desk

Feasibility reports are to be prepared by Architects/ Consultants for above covering all aspects.

Two land sites have been earmarked: (i) behind existing Computer Centre of the Banaras Hindu University, Varanasi Campus (for Academic and research blocks) and (ii) side of the existing botanical garden of BHU, towards hostel road (for the Guesthouse, Hostels and a natural history museum) by where feasibility of proposed site is to be included in the report.

The IESD Campus will have to be developed as per the norms of **National Building Codes** and Green Building/**GRIHA** rating as per existing requirement for the Central Government buildings.

Additional Information: In order to save the precious land of the University Campus, BHU is following multi-storey construction concept where all new buildings are being planned for at least four storeys. Therefore, full developed view has to be incorporated in the planning and provision for lift has to be there. All buildings, except hostels, should have AC facility. All roofs are to be either treated for heat reduction, roof top gardening or special painting etc. to reduce heating during summer. Glazed areas are to be shaded in such a way that building gets natural light but no direct sunlight.

Power and Water: The University has ample facility for power and water however, sustainability to be intertwined within the philosophy of design.

Part B

Designing, Planning, Formulation, Estimation, Bill of Quantities (BOQ), Execution Planning & Project Implementation (including expert engineers site supervision from time to time as required) of Hostel, Education & Research Infrastructure of new campus of IESD-BHU

A brief regarding scope of work and implementation methodology is given as under:

A complete Blue Print detailing built up space and common facilities will have to be worked out looking to the space being provided for the purpose will have to be submitted for approval. The Project comprises of planning and development of education, research,

guesthouse and hostel infrastructure separately. The new campus will provide built up space for Students - as a showcase of latest technological advancements in the field of green building design and **sustainable campus development**. The Architects/Consultants will have to prepare to provide complete Project Consultancy including Project Management like Designing, Planning, Estimation, Bill of Quantities (BOQ), Construction Detail, Execution Planning & Development and approval from authorities /committee of IESD-BHU for implementation.

The Architects/Consultants will also prepare tender documents including BOQ required for Vendor for selecting Contractors/Sub-Contractors/Associates for implementation of Project as required.

Part C

Construction & Development of the Education, Research, Guesthouse and Hostel Infrastructure of IESD-BHU:

Construction & Development of Education, research, guesthouse and Hostel Infrastructure of IESD-BHU as per approved plan should be completed within 15 months from date of signing of agreement. It shall be developed in Blocks so that the completed blocks could be handed over in phases. The form of agreement shall be provided separately upon selection as vendor.

In short, the Scope of Work for the vendor includes everything which is required to develop a campus of IESD-BHU on turnkey basis.

A. Academic Building

S.No.	Name of the Building*	Suggested Area** (Sq. Ft.)
	Institute for Environment & Sustainable Development	
1	Lecture theatres (sitting capacity for 45-50 students) -4	1200
2	Teaching Laboratories (lab bench space for about 30 students)-2	1200
3	Central Instruments Laboratory-1	3000
4	Computer Labs (for about 30 terminals) -2	1200
5	Office Rooms for non-teaching staff-2	2000
6	Office of the Director (with attached toilet)	625
7	Sitting Rooms for faculty-15	2700
8	Research Laboratories-10	3750
9	Store Room-1	500
10	Toilets (3 for gents & 3 for ladies)	900
11	Library-1	1800
12	Committee room (meeting place for about 25-30 persons)-1	600
13	Seminar Hall (sitting capacity 200 persons)-1	1800

* This may be a single building or cluster of buildings based on Green Building norms

** Architect has to decide actual area as per proposed design and occupancy indicated in the previous column

B. Guest house

Rooms, kitchen, dining hall, reception area, common lounge, and space for other amenities for 20 guests

C. Hostel for Boys and Girls

Rooms (50+50) with space for all necessary amenities

General Information & Guidelines for Preparation of Development Plan of new campus of IESD-BHU

1. A complete Blue Print detailing Built Up Space and common Facilities will have to be worked out looking to the space being provided for the purpose and has to be submitted for approval before start of construction.
2. Building & Development of the new Campus of IESD-BHU – Education, Research, Guesthouse and Hostel Infrastructure:
 - Planning, architectural & structural designing and preparation of site (**Civil works**)– which includes major / minor civil works, buildings, minor dismantling work, sanitary and plumbing work.
 - Planning, designing & preparation of site (**external development including landscaping & gardening**)– which includes excavation, filling, moving of earth, development of lawns, plantation, street furniture etc.
 - Planning, designing & preparation of site (**Electrical works**)– which includes wiring for light/ power, distribution boards work and medium voltage panel work, LT cable work, earthing work, street lighting.
3. Planning, designing & Preparation of site (**Safety system**)– which includes fire alarm system, first aid centre etc.
Technical & Commercial proposal will be accepted within **21** days from only those vendors that are short-listed after EOI presentations.
4. (a) Technical Bid & Financial Bid must be submitted in two separate sealed envelope superscribed separately as “ Technical Bid” & “Financial Bid” respectively. Technical bid will be opened same day at 17.00 hrs. in the presence of attending bidders in the BHU campus & Financial Bid of qualified bidders in technical bid will be opened on a notified date.
(b) Technical bids to be supported by conceptual drawings in hard copy (polyester sheets) or high quality paper.
5. Proposals which are incomplete or are received after their due date are not likely to be considered.
6. It may be please be noted that BHU will not pay any charges, what so ever for any proposals for the above scope of work up to its presentation, if required.
Preparation of drawings, detailed proposal, presentation etc. will not carry commitment to its acceptance / payment conditions.
7. BHU reserves the right to accept or reject any or all proposal without assigning any reason thereof.
8. Arbitration: All disputes are to be settled within the jurisdiction of Varanasi Courts. That any dispute arising out of this contract shall be referred to the University, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of the arbitrator, who should be acceptable to both the

parties, to be appointed by the Vice-Chancellor of the University. The decision of such arbitrator shall be final and binding on both the parties.

Time Schedule: 45 days from the date of publication in the newspaper.