

**BHARAT HEAVY ELECTRICALS LIMITED  
TRANSMISSION BUSINESS GROUP  
(SUBCONTRACTS MANAGEMENT)**

**NOIDA**



**EXPRESSION OF INTEREST**

**FOR**

**EXECUTION OF DESIGN, SUPPLY, FABRICATION AND ERECTION OF PRE-  
ENGINEERED BUILDING AT ± 800KV HVDC STATION AT AGRA**

**EOI REF.NO. TBSM/AGRA-HVDC/PEB/EOI  
DATE: 23.05.2014**

## **1. About Bharat Heavy Electricals Limited (BHEL)**

BHEL is a premier engineering and manufacturing organisation, majority owned by Government of India, catering to the core infrastructure sectors of Indian economy viz. Power Generation and Transmission, Industry, Transportation and Renewable Energy. The company has 17 manufacturing units, 4 power sector regions, 8 service centres and 15 regional offices, besides host of project sites spread all over India and abroad. With installed capacity of 1,15,500 MW BHEL make utility sets account for 57% of country's total installed capacity comprising Thermal, Hydro and Nuclear Sets as on 31.03.2013. The annual turnover of BHEL for the year 2012-13 was Rs. 50,156 Cr. with profit before tax of Rs. 9,432 Cr. BHEL's highly skilled and committed manpower, the best of manufacturing facilities and practices together with the latest technologies, has helped BHEL to deliver a consistent track record of performance.

## **2. About Transmission Business Group**

BHEL is today a well established player in the field of power transmission with some major products and systems in its range of manufacture and supply. Transmission Business Group in BHEL undertakes projects on turnkey basis covering the complete engineering, procurement, supply, construction, commissioning and after sales service for AC switchyards/substations up to 765 kV, HVDC Converter Stations, FACTS schemes. The Group has capability to conduct System studies as required for above business. BHEL has state of art of manufacturing facilities for large size power transformers for EHV/ UHVAC and HVDC, capacitors, power electronic devices - thyristors & IGBTs, valves, voltage source converters, controls etc.

## **3. HVDC Project details**

BHEL in consortium with ABB is executing  $\pm 800$ kV, 6000 MW HVDC multi terminal system NE-Agra project at Agra in Uttar Pradesh on turnkey basis. The Customer/Employer is Power Grid Corporation of India Ltd.

## **4. Intent of EOI**

The work of the Pre engineered building is under execution by an agency and the same is required to be expedited with parallel working in different fronts available at site. Additional agencies are required to understand the site requirements and the conditions and convey their acceptance to work as per project requirement. The vendors are required to visit the site and understand the scope of work in order to expedite & support BHEL for overall execution of work.

The vendors are required to work in tandem or independently on the designs available or submit new designs for execution of the work.

## 5. Scope of work:

The scope of work shall include but not limited to

- i. Execution of balance fabrication and erection of the existing work of DC Halls.
- ii. Provide design and complete work of supply, fabrication, transportation and erection work of the independent DC Halls in totality.
- iii. Civil works for the foundations of the independent DC Halls.
- iv. Providing structural stability guarantee inline with the requirement of BHEL's customer for the total independent DC HALL work undertaken by the agency. Also the agency shall be required to provide structural stability guarantee of the DC Halls under execution inline with the requirement of BHEL's customer in case the vendor accepts to execute the balance works in these halls also.

## 6. Qualifying criteria

The vendor should be able to fulfill the following pre qualification criteria

### A. FINANCIAL

1. Vendor should have a minimum average annual turnover of **Rs. 17 Crores** and should submit audited balance sheet and Profit & Loss Account for last three years ( 2010-11, 2011-12 & 2012-13/ 2013-14).
2. Vendor should have successfully executed similar (refer note a & b below) job during last seven years ending 30.04.14. Vendor should produce certification/proof in support of execution of similar package from user/end user and should be either of the following:
  - (i) **Three similar jobs executed costing not less than Rs. 23 Crores each**  
OR
  - (ii) **Two similar jobs executed costing not less than Rs. 29 Crores each.**  
OR
  - (iii) **One similar job executed costing not less than Rs. 46 Crores**
3. Vendor should have earned profit in at least one year during last three financial years (2010-11, 2011-12 & 2012-13/ 2013-14)

### Notes:

- (a) Definition of similar job shall be as indicated in technical criteria.
- (b) The word 'executed' means the vendor should have achieved the criteria specified above even if the total contract has not been completed or closed.

## **B. TECHNICAL**

1. Vendor should be a Pre-Engineered Building (PEB) manufacturer with minimum experience of 5 years of in-house design, engineering, manufacturing and execution of Pre-Engineered Building (relevant documents like order copies /completion certificates for projects should be submitted)
2. Vendor should have manufactured & erected average 8000 MT of structures per annum for the last 3 years. (2010-11, 2011-12 & 2012-13/ 2013-14) (Details to be provided)
3. Vendor should have self-owned manufacturing plant with complete facilities to fabricate major components like steel structures, roofing & cladding sheets, etc. The manufacturing facilities of individual/group of companies / JV formed by company shall also be considered. (Details to be provided)
4. Vendor should be ISO certified and should be following documented Quality Assurance Plan. (Details to be provided).
5. Vendor should have successfully executed a PEB project with a building having either a clear span (without any in between supports) of 45m or more or a clear height of 20m or more.

(Relevant documents like order copy & drawings along with Client details like site address & contact numbers should be provided).

### **7. Site Visit & Submission of proposal:**

- i. All the interested vendors shall be called for a detailed site visit immediately after receipt of application of EOI. Intimation of willingness for participation should be reach to us before date mentioned at clause no. 9.
- ii. The vendor shall be required their proposal based upon the site visit for the readiness to execute the work. Detailed proposal after site visit should be reach to us before date mentioned at clause no. 9.
- iii. Expression of Interest should be accompanied by:
  - Detail proposal including the extent of work (as per clause 5 above) the vendor is interested to execute at site.
  - Details on company background
  - Audited balance sheet for last three (2010-11, 2011-12 & 2012-13/ 2013-14)
  - TDS certificate of the qualifying works
  - Reference list of similar work executed
  - Plan for sourcing the raw material
  - Working capital plan of the vendor for executing the work in the minimum possible time
  - Any other documents mentioned in PQR

- iv. Mode of intimation of willingness: The intimation for willingness to participate should be sent to undersigned before date mentioned at clause no. 9. The mode of intimation shall be letter or email.

Letter should be submitted on the following address:

Hitender Bhalla, Sr. Manager (TBSM)  
Bharat Heavy Electricals Limited,  
Transmission Business Group,  
5th Floor, Advant Navis It Business Park,  
Plot No-7, Sector-142, Expressway Noida,  
Noida-201305  
Distt- G.B.Nagar (Uttar Pradesh)

Or

Email should be sent on following email ids

[hitender@bhel.in](mailto:hitender@bhel.in), [nverma@bhel.in](mailto:nverma@bhel.in), [paswan@bhel.in](mailto:paswan@bhel.in)

- v. Mode of Submission: The response should be sent in sealed cover to the following address by courier or mail. The cover shall be super scribed with EOI reference number "TBSM/AGRA-HVDC/PEB/EOI" date 23.05.2014 and the words "Expression of Interest for Pre-Engineered Building"

Hitender Bhalla, Sr. Manager (TBSM)  
Bharat Heavy Electricals Limited,  
Transmission Business Group,  
5th Floor, Advant Navis It Business Park,  
Plot No-7, Sector-142, Expressway Noida,  
Noida-201305  
Distt- G.B.Nagar (Uttar Pradesh)  
Phone No. 0120-6748447, 6748440  
Email: hitender@bhel.in

#### **8. Selection process:**

- a. The vendors selected on the basis of the proposal shall be intimated separately and called for a pre bid meeting.
- b. Only those vendors shortlisted in the above process shall be eligible for the participation in the tendering process for the subject work.
- c. BHEL reserve the right either to proceed with the vendors who have responded & qualified as per EOI PQR conditions or to initiate fresh tender for awarding the job.

## 9. Critical dates

Sl No.	Description	Date
1.	Last date for intimation of willingness for participation	03.06.14
2.	Date of site visit	05.06.14
3.	Last date for submission of detailed proposal	16.06.14

### Notes:

1. Please intimate your willingness immediately to the undersign through letter/ email, if you are interested in the EOI.
2. The vendor has to bear all expenses incurred in connection with participation in this EOI process.
3. All enquiries / clarifications, related to this EOI, must be directed to the contact person notified in this EOI document.
4. Further Corrigendum/Addendum to this EOI will be hosted on the websites [www.bhel.com](http://www.bhel.com) only. Vendors should regularly visit these websites to keep themselves updated.
5. This EOI does not constitute an offer by BHEL. Without being liable for damages or obligations or assigning any reasons whatsoever, BHEL reserves the right to accept /reject any offer from vendor.

For and on behalf of BHEL

(Hitender Bhalla)  
Sr. Manager/ TBSM