



## BHARAT HEAVY ELECTRICALS LIMITED

### Fabrication Plant, Jagdishpur

#### EXPRESSION OF INTEREST For

#### Supply and its complete Installation & commissioning of electrical system for a new Fabrication Plant at Jagdishpur-U.P.

1. Expression of Interest (EOI) is invited from interested contractors for Design, manufacture, testing, supply, Installation & commissioning of the following major electrical items required for electrical system as per enclosed broad data sheet:

Sr.No.	Scope of supply & services
1.	33/0.433kV switch yard as per attached layout plan
2.	HT breakers (one I/c and three o/g)
3.	33/0.433 kV, 3 Nos. Transformer (Two of 2.5MVA and one of 3MVA)
4.	Bus Duct as per attached single line diagram
4.	3 nos. LT panel as per attached Single Line Diagram
5.	Distribution of LT cable into bay as per attached layout
6.	<b>(HT &amp; LT cable shall be supplied by BHEL.)</b> Its laying, end termination etc shall be done by vendor.

2. Address for submission of documents:

Office of the Sr Purchase officer (CSU&FP)  
 CSU&FP, Jagdishpur Industrial area  
 Bharat Heavy Electricals Limited  
 Distt Sultanpur-U.P.-227817  
 Tel: +91 5361 271378  
 Fax: +91 5361 271382  
 Email: varun@bhel.in

3. Bidders must submit EOI for the entire scope of work.
4. Specifications/ documents may be downloaded from the web page of BHEL [www.bhel.com](http://www.bhel.com) (Tender Notifications) and use the documents for submission of EOI.
5. General Terms and Conditions and brief technical specifications of the items required are given in the Annexures.
6. Based on the submission of Expression of Interest by the bidders, BHEL will short list the parties for issue of detailed tender specifications for submission of their techno-commercial offer and price bids. Therefore, **detailed techno-commercial offers and prices are not to be submitted at this stage.**

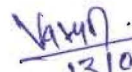
*Varun*

7. The offers are to be submitted in a sealed envelope properly marked.
8. BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post.
9. BHEL reserves the right to accept or reject any of the bids / all bids with or without deviation, or cancel / withdraw the invitation for EOI without assigning any reason whatsoever and in such case no bidder shall have any claim arising out of such action by BHEL.

Enclosures:

Annexure-A: General terms and Conditions  
Annexure-B: Layout of complete electrical system  
Annexure-C: Section & plan of switch yard  
Annexure-D: Data sheet of Transformers  
Annexure-E: Data Sheet of HT Switch gears  
Annexure-F: Data Sheet of LT Switch gears  
Annexure G: Key single Line diagram

For & on behalf of BHEL

  
13/04/10  
(V P N Singh)  
Sr. Purchase Officer  
CSU&FP/BHEL, Jagdishpur

**Annexure: A****GENERAL TERMS AND CONDITIONS****1. SUBMISSION OF OFFER**

- a) The EOI shall be addressed to the official as specified in the Notice Inviting EOI and shall be submitted with one original and two copies.
- b) Sealed Offers may be submitted personally, by Courier or by registered post with due allowance for any transit/postal delay. The offers received after due date and time of opening are liable to be rejected.
- c) Bidders must fill the schedules and furnish all the required information as per the instructions given in various sections of the Specification. Each and every page of the offer must be signed, stamped and submitted by the Bidder. The information furnished shall be complete by itself.
- d) The offer shall be in English Language using international numerals. Metric system of units shall be used.
- e) All entries in the Offer shall either be typed or be written in ink. Erasures and overwriting are not permitted and may render such Offers liable to summary rejection. The Bidder shall duly attest all cancellations and insertions.

**2. RECEIPT OF OFFERS**

- a) The offers shall be received in the office of the official inviting EOI till close of business (4.30 PM) on the last date of submission of EOI mentioned in the Notice Inviting EOI.

**3. SHORT LISTING OF BIDDERS**

- a) Only those Bidders who have previous experience in the work of the nature and description detailed in the Specifications, who continue to be in business in this field and who are financially sound to undertake the work, are expected to be short listed for this work. Offer from Bidders who do not have proven and established experience in the field is not likely to be considered.
- b) Offers will be accepted from the Bidders on EPC basis.
- c) Bidders either should have their own in house experience/capability of design, manufacture, testing, supply, installation and commission of the said equipments or they should be ready to source the equipments from BHEL approved manufacturers and Install & commission at BHEL works.

**4. SCOPE OF SUPPLY AND SERVICES**

- a) The scope of supply and services shall cover design, procurement, manufacture, assembly and testing at supplier's works, packing and forwarding, supply FOR site, installation, commissioning and testing at BHEL works.

- b) Unloading and storage at BHEL Works shall be taken care of by the Bidder only.
- c) All the civil work required for the same shall be done by the Bidder only.
- d) Training of BHEL personnel in operation and maintenance of the machine tools is also to be provided at supplier's works as well as at BHEL works as required.
- e) Recommended/ mandatory spares for two years operation are to be provided.

## 5. DETAILED TECHNO-COMMERCIAL OFFER

- a) BHEL will issue a detailed Tender to the short listed bidders at a later date and they will be asked to submit their detailed techno- commercial and price bid. Therefore, **detailed techno-commercial offer and price bid is not to be submitted at this stage.**

## 6. DELIVERY

- a) The electrical items are required to be supplied FOB Port of Despatch (for foreign supplies) / Ex-Works Station of Despatch or FOR site (for domestic supplies) by such time as to meet BHEL's plan of commissioning in December 2010/ January 2011.
- b) The electrical system is planned to be commissioned for commercial use at BHEL works progressively in December 2010/ January 2011.
- c) Bidders are required to indicate the delivery period/ commissioning schedule keeping in mind their current and expected order execution program and BHEL's requirement.

## 7. TECHNICAL SPECIFICATIONS

- a) Brief Technical Specifications of the equipment are given in the Annexures. The Technical Specifications are preliminary and may undergo change at the time of issue of detailed tender documents.
- b) Bidders may submit their comments for modification, if any, for improved performance, technical up gradation, maintenance facilities, cost reduction etc. However, acceptance of the same is exclusively BHEL's right.

## 8. INFORMATION TO BE SUBMITTED

The Bidder shall give full information in respect of the following. **Non-submission of this information may lead to rejection of the Offer.**

- a) **Details of Company/ Firm:**

Details of the company or the firm, its nature of business etc.

- b) **Financial Status:**

Financial status of the company for the last three years (minimum) to show that the company is financially sound. Certified copies of audited accounts for last 3 years shall be submitted for this purpose.

**c) Organisation Details:**

Information to show that company has qualified and competent persons to undertake the work called for in the Specifications.

**d) Previous Experience:**

- I. A statement giving particulars of the various similar work undertaken and executed.
- II. The following information is to be submitted about the companies where similar work undertaken and executed.
  - i. Name of the customer / company where similar electrical system is installed and is in operation.
  - ii. Complete postal address of the customer.
  - iii. Month & Year of commissioning/completion.
  - iv. Application for which the machine is supplied with details of accuracies achieved on the job.
  - v. Name and designation of the contact person of the customer.
  - vi. Phone, Fax no. and email address of the contact person of the customer.
  - vii. Performance certificate from the customers regarding satisfactory performance of the electrical system installed & commissioned.
- III. BHEL reserves the right to verify the information provided by Vendor. In case the information provided by the vendor is found to be false/incorrect, the offer is liable to be rejected.

**e) After Sales Setup**

Existing and proposed after sales set up of the company giving details of how the company plans to support BHEL by way of supply of spares and services in case of order.

**f) Delivery Schedule**

Proposed delivery schedule.

**g) Supplier Registration Form**

The Supplier Registration Form, duly filled up, with necessary enclosures, shall be submitted.

The form may be downloaded from BHEL website [www.bhel.com](http://www.bhel.com) (Supplier Registration – New Supplier – Registration Forms).

Suppliers who are registered with other units of BHEL may also quote their registration number for reference.