



# Bharat Heavy Electricals Limited

(A Govt. of India Undertaking)

RCPURAM, HYDERABAD-502 032

Doc Ref: HY/GT\_PED/EOI-In

## EXPRESSION OF INTEREST DOCUMENT

Item : Gas Turbine Inlet Duct

### 1.Introduction :

BHEL Hyderabad manufactures Heavy Duty Gas Turbines under a license arrangement with General Electric Company of USA. These GT models have power ratings in the range of 25 MW to 255 MW. It also out-sources the above referred major auxiliary equipment from various suppliers in India. BHEL is seeking interest of additional parties in India to be registered as suppliers for these items.

BHEL upon receipt of expression of interest from probable suppliers will securitize the information, and if found acceptable, will register them as new suppliers for the identified items. Such suppliers will then be considered for formal enquiries against BHEL regular commercial orders as per company's procurement and tendering procedures.

This document provides general information about the process of submission of EOI and its subsequent processing by BHEL including references to other information sources and schedules associated with submittals.

### 2. Scope of Supply

The suppliers who are selected for any of the above mentioned items will have to supply the equipment conforming to BHEL's technical specifications. The technical specifications and related details for each item have been placed at web site: "[www.bhel.com](http://www.bhel.com)" under the category of tender notifications. All the interested parties are advised to access the above web site for downloading the details as required. A non disclosure agreement is kept at above web site must be downloaded, printed, filled in, signed and to be sent along with EOI.

The specifications for Exhaust ducting is kept with the following file name .

Sl Number	Item description	Download file name	Specification	Variants Required
01	Inlet ducting	Specification for inlet ducting	GT54320	01,02 & 03

An instruction on how to read the BHEL material code & variant from the specification

is also kept for easy understanding with file name “Reading instructions for BHEL specifications”.

BHEL typically requires 10 to 15 numbers of this item of varying sizes annually. This requirement is expected to be met through sourcing from registered vendors as per procurement practices of BHEL.

### **3. Basis for qualification**

Manufacture of all the above mentioned items predominantly involve fabrication of steel utilizing use of insulation material ,welding and painting resulting into large fabricated structures. The suppliers are expected to have adequate fabrication and testing facility that would include large conventional facilities like rolling, bending, punching, shearing ,shot blasting, painting etc including large work areas for fabrication of steel structures. The other resources include design/engineering and procurement groups apart from strong quality control and project management functions. Use of qualified and certified work force in fabrication work also will be required. The supplier is expected to have wide usage of computers in its operation including engineering function. Engineering experience shall include use of software like 3D-modelling,STADD, Autocad, and stress analysis. Implementation of HSE initiative in work areas is desired and ISO-9000 certification, if available will be preferred.

The supplier’s experience of handling similar work will be an added advantage. If supplier has a tie-up with a principal company or a foreign company that is involved in engineering and manufacture of similar items, the same will be considered as an added advantage, Evidence of such tie-up is required to be provided as part of documentation from supplier. Sound financial status of the vendor will be an important parameter for establishing suitability for registration.

BHEL upon receipt of the EOI documents and related information as sought will conduct initial screening of all the information and evaluate each party based on the information received. If found suitable, the vendors may be requested for additional information which may be followed with a visit of BHEL Expert Team to the supplier’s works. Based on the evaluation by the BHEL expert team and other verifiable data obtained from the supplier, the successful parties will be recommended for registration. BHEL reserves the right to reject any vendor without assigning any reason. BHEL may also not consider any specific application in case adequate vendors are already qualified.

**Vendors already registered with BHEL Hyderabad for above mentioned items need not apply.**

### **4. How to Apply**

All the interested parties are advised to go through the following web site: “[www.bhel.com](http://www.bhel.com)” under tender notifications, where this EOI document is placed for down loading along with technical section and supplier registration forms. The interested parties shall furnish the following filled up forms, information and data;

- a. Company profile
- b. Company’s audited balance sheets for last three years
- c. Company’s product profile
- d. Reference list of customers

- e. Details of manufacturing facilities
- f. Details of Manpower resources
- g. Evidence of any tie-up with other principal companies (if any)
- h. ISO-9000 or equivalent certification
- i. Filled-up Supplier Registration Forms ( To be downloaded from BHEL web site for Indian Suppliers)

The above information duly signed and endorsed by company representative may be sent along with a cover letter to the following address:

G S Prakash Rao,  
DGM / Purchase -GT,  
4<sup>th</sup> Floor, Admn Building,  
BHEL, Ramachandrapuram,  
Hyderabad 502032, A.P  
INDIA

The last date of receipt of above information at the above address is 28-03-2009.