

## **EXPRESSION OF INTEREST BHARAT HEAVY ELECTRICALS LIMITED**

Date: 21.11.2007

**Bharat Heavy Electricals Limited (BHEL)**, the largest engineering and manufacturing enterprise for Power Generation, Transmission and Distribution equipment in India, is among the few manufacturers in the world supplying almost the entire spectrum of products and systems for Power Projects out of their manufacturing set-up, based on contemporary technologies. It also caters to other Core Sectors, including Oil and Gas, Renewable Energy and varied industries. BHEL has supplied over 100,000 MW of Power Generating equipment for Thermal, Gas and Hydro based Power Projects in India and abroad-for Utilities, Captive and Industrial users. It has established references in 70 countries in six continents.

**BHEL, thus, sets up Power Plants on EPC basis and also offers individual equipment and systems** – hence, providing solution for every customer need.

Equipment manufactured by BHEL accounts for 65% of India's total installed utility power generating capacity and generates 73% of the total utility power produced in the country.

As a part of the EPC contracts that BHEL executes for setting up thermal plants (coal & gas), the company is looking for service providers having relevant experience in Operation & Maintenance of thermal (coal & gas) power plants (up to 500 MW, 600/660 MW & above unit ratings) to work alongwith BHEL.

The service provider is expected to perform the following activities:

- ▶ Operational support to BHEL during start-up/ commissioning period of the plant
- ▶ Operation & Maintenance services for all the equipment & systems of the power plant for the specified operational period, which include arranging suitable manpower for operational services and carrying out routine/ preventive/scheduled maintenance services
- ▶ Act as nodal agency for all issues related to day-to-day operation.
- ▶ Management of consumables and spares.

Reputed O&M service providers including utilities and IPPs having experience in coal & gas based power plants in the range of 100 MW, 200 MW to 500 MW, 600 MW & above are requested to submit their Expression of Interest along with following details:

1. Installed base under operation – coal & gas (MW).
2. Details of jobs completed in during past five years.

3. Details of sites under operation along with broad scope of work agreed with their customer.
4. Size of units handled.
5. Any specific experience with supercritical units indicating size & year of commissioning.
6. Operating performance record of plants under operation.
7. Experience in plant turnaround, especially using R&M, O&M.
8. Tools to improve/manage power plants – describe own tools/experience with third party tools.
9. Experience in standalone O&M business.
10. Indian operations experience.
11. Manufacturing facilities the company (owned/ through subsidiary) and details thereof.
12. Experience in developing country markets or international footprint outside the home country (for international companies).
13. Performance evaluation testing experience.
14. Training facilities.
15. Last three years balance sheet and financial results.
16. Manpower profile (permanent employees) with experience details.
17. Any other detail to highlight the O &M experience.