

PRESS NOTICE
BHARAT HEAVY ELECTRICALS LTD BHOPAL
(Govt. of India undertaking)
GAS AND POWER PLANT DIVISION (GPX)
PIPLANI P.O. BHOPAL – 462 022
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Website: www.bhelbhopal.com

EXPRESSION OF INTEREST

For Design, manufacture, supply, installation & commissioning of oil fired boilers on turnkey basis at Gas and Power Plant Division of BHEL Bhopal.

1. BHEL Bhopal seeks expression of interest from original equipment manufacturer of Boilers having adequate experience for the **“Design, manufacture, supply, installation & commissioning of oil fired boilers (02 Nos.) on turnkey basis with following specifications:**
 - i) Heavy fuel oil fired boiler, Working pressure- 12 Kg/cm², Capacity- 10 MT/hr at feed water temp. 50°C.
 - ii) Dual fuel (Steam/air automatised heavy fuel oil/ gas) fired burner, fuel oil pumping and heating unit, ring main system with oil circulating header, 4.5 KL day oil tank, Feed water pumping station with three element drum level control, LP dosing system.
 - iii) Air pre heater with soot blowing system, blow down tank, common chimney of 52 meter height for one boiler working, connecting feed water steam, and oil pipe lines, thermal insulation, electrical heat tracing in fuel lines.
 - iv) PLC, SCADA based control panel with efficiency monitoring system, consisting of CPU, I/O cards, HMI-6” colour touch screen, communication between HMI/CPU/ I/O cards. Set of power and instrument cabling with cable trays from boiler control panel to all drives, heaters and instruments.
 - v) Flow meters for steam, oil and feed water, O₂ monitoring system.
 - vi) Set of valves, mounting for safe operation of boiler, blow down tank, all support structure of boiler, pipelines and ducts, flue gas ducting from boiler to air pre heater and chimney.
 - vii) Erection and commissioning of all the equipment on turnkey basis.
2. Short listed parties may be called at BHEL Bhopal for their presentation of the similar works undertaken by them.
3. Technical committee from BHEL may visit manufacturing & testing facility of the manufacturer and various installations of the parties, if required.

Eligibility Criteria

Only those parties who can comply with all the following should respond to this notice :

- 1) The manufacturer should has at-least 05 years of experience in manufacturing the FO / Gas fired boiler.
- 2) Must have supplied 10 boilers with at least 5 working installation of similar or more capacity of boiler in last 5 year.

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- 3) Must have supplied the boiler with Steam/ air atomized burner on FO / N. Gas.
- 4) Must have supplied FO / NG fired boiler of similar capacity with PLC / SCADA in recent year with basic instrument like O2 monitoring, 3 – element control, flow meters etc. The same must be operational for BHEL team to visit.
- 5) Must have executed at least 5 project (Turnkey) project of similar capacity & of similar boiler design.
- 6) List of such customers along with contact details to be furnished.
- 7) All the relevant documents in support of the information furnished above shall be attached along with the application.

A form is available as annexure-I in our BHEL website against this E.O.I which may be filled up by the parties.

Expression of interest must reach in sealed envelope addressed to DGM Gas and Power plant Division, BHEL, Bhopal 462 022 by 11.00 AM up to **10/12/2010**. The application received after the due date & time shall not be considered.

DGM (GPX)

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