



EOI for Manufacturing & Supply of Ring Burner

Date: 13.09.2025

**Expression of Interest
For
Manufacturing and Supply of
Ring Burner
for
Steam Turbine Application**

EOI No.: BHEL / HERP / E&M / EOI / 13.09.2025

Document No. HERP-EOI-06-2025

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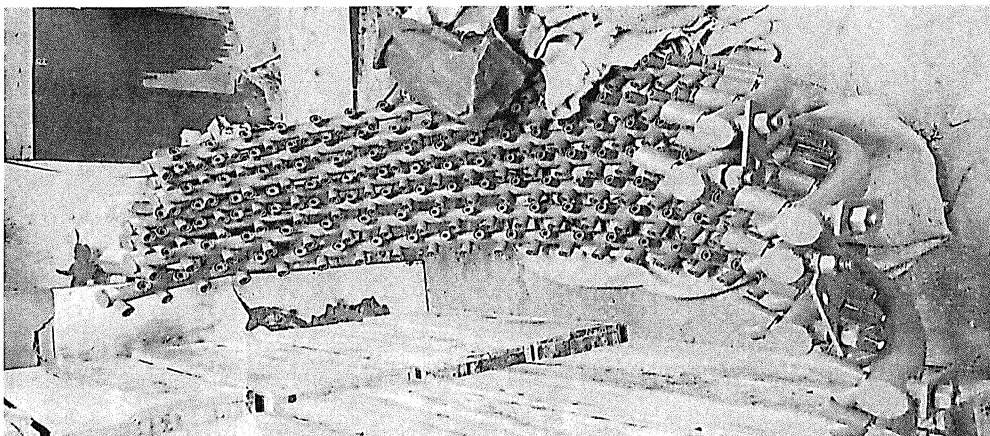


Description

In case of Steam Turbines where the main steam inlet pipings are connected with HP turbines through threaded connections, the connecting breech nuts are required to be heat tightened at erection site. The **Ring Burner** covered under this specification is fore-seen for the same purpose.

Scope of work:

This device is used during heat-tightening of cylinder joint bolts/studs of steam turbine to a predetermined joint pressure. Heating process is carried out by sending hot oxy-acetylene gases mixed with compressed air into the holes provided in the bolts stud. This heating causes elongation of the studs and then the cap nut of corresponding stud is screwed down by a specified amount in hot condition to provide a calculated joint pressure in cold condition.



Qualification Criteria

The parties meeting the below mentioned technical criteria shall be considered for further development of vendors for “**Ring Burner**” as per the BHEL specification / Drawings / Technical delivery conditions.

Technical Criteria:

1. The Vendor should be a regular Supplier of “**Ring Burner**” to Power plant equipment manufacturer(OEM) and Vendor should have supplied at least Five (5) nos. of “**Ring Burner**” during the last 3 years.

In support of above supply experience, supplier has to furnish the following:



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- A. At least 1 no. copy of Un-Priced Purchase Orders executed with details as per Table-1.
1. However, if total quantity is less than 5 nos. in one PO then vendor to submit multiple POs to justify the supply of 5 nos. of quantity.

Table-1

Sl. No.	Name of Customer	Detail Address	Name, Phone no. and email - Id of contact person	Purchase order No.	Date of Supply	Details of items (Technical detail)	Qty.

- B. Test certificate (as given below) for “Ring Burner” for any one of the submitted PO.
- The submitted test certificate should have co-relation with the PO.

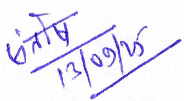
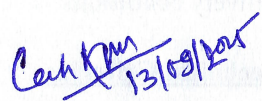
- I. Material TC
- II. Dimensional report

- 2) Acceptance certificate/dispatch documents from customer for any one of the submitted PO.

Selection of Supplier/ Manufacturer / Company:

Based on the information provided under this EOI, the prospective Supplier/ Manufacturer / Company shall be technically shortlisted. The short listed Supplier/ Manufacturer / Company will further be evaluated on the basis of terms and conditions defined in the enquiry.

Pre-bid clarification meeting can be held with the short listed parties regarding scope, confidentiality requirements and deliverables, physical checking of facilities at vendor works.

Prepared by	Approved by
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