



BHARAT HEAVY ELECTRICALS LIMITED
HEEP: HARDWAR-249 403 (Uttarakhand)
Phone: 01334-28-1644, E-mail : v_singh@bhel.in

Due Date: 09.05.2019

Ref: PPX/EM/EOI/19-20/Constant Pressure Regulators

Notice: Inviting Expression of Interest for supply of 'Constant Pressure Regulators'

The Heavy Electrical Equipment Plant (HEEP) located in Haridwar, is one of the major manufacturing plants of BHEL. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators, hydro turbines and generators and so on.

We are looking for reputed Vendors having capability to supply constant pressure regulators used to regulate seal oil pressure in the seal oil system used for Large Size Turbo Generators (rating >250 MW). The seal Oil pressure is maintained constant by a self-operated pressure regulating valve working on the relief-valve principle. Depending on the valve setting and the pressure signal prevailing (seal oil pressure downstream of the pump), a large or smaller quantity of seal oil is returned to the seal oil tank, so that an approximately constant seal oil pressure is established downstream of the seal oil pumps.

Offers received will be technically evaluated by BHEL & successful short listed parties will be asked to submit their detailed Techno-Commercial offers through formal NIT/Enquiry, for our future requirements.

Following documents are required to be submitted along with the technical offer:

1. Details/ Documents in support of Pre-Qualification Requirement (**Annexure-1**)
2. Company Profile.
3. Details such as technical features, experience details, product catalogue, reference list or any other relevant information.

Only Technical BID along with documents mentioned above should be sent & the envelope containing the offer shall be duly sealed and super scribed as **"Technical Offer for (Constant Pressure Regulators); Reference No. PPX/EM/EOI/19-20/CPR, SUBMITTED BY (Name of company)"**

The last date for submission of Technical offers is 09.05.2019.

- Last date for downloading tender documents shall be **08.05.2019** till 17:00 Hrs (IST).
- The Technical Offers complete in all respect must be addressed to "Tender Cell, HEEP, BHEL, Haridwar - 249403" **and should reach before 13:45 Hrs (IST) on 09.05.2019.**
- Tenders will be opened on the same day at 1400Hrs (IST) in the Tender Room.
- Late offers will not be considered in any case. BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
- EMD & Tender fee are not applicable.
- Amendments / Corrigendum, if any, will be hosted on our website only.

Virendra Singh
Dy. Manager (PPX/EM)
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Annexure-1

Mandatory Pre-Qualification requirements for Constant Pressure Controller, valid for Material Code W90414906730 (TG60740) & W90414903250 (TG60384)

- 1.0 The Constant Pressure Controllers are used in the Seal oil skid for hydrogen cooled generators for maintaining a constant pressure downstream of seal oil pump under all regimes of operation. The pressure which is to be controlled is transmitted to the actuator bellow which in turn adjust the positioning of valve against the spring force. The Constant Pressure Controller should be of very reliable and proven design to maintain the required parameters under all conditions.
- 2.0 The vendor should be a regular manufacturer/authorized supplier of such items and should have manufactured and supplied Constant Pressure Controllers for above mentioned application (power plant oil application) of size at least NB25, 8.3 Kvs, PN40 during the past 3 years, with at least 20 Nos. over this period.
- 3.0 In support of above, vendor shall furnish their credential list, as per the following format:

S. No.	Size (NB) & NP	Brief technical details	Application	Name & address of customer	Year of supply
		• Set Pr. range • Material • Service medium • Temperature range			

- 4.0 Vendor to furnish the functional and other test certificate for Constant Pressure Controllers for any one of the PO submitted against clause 3.
- 5.0 Acceptance certificate from one of the vendor's customer of Constant Pressure Controllers as per clause no.3 supplied to them (Original Certificate or through e-mail directly from the customer). Acceptance certificate should contain information like item details and its application.
- 6.0 BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.
- 7.0 Vendors to provide specific compliance of clause no. 2.0, 3.0, 4.0 and 5.0 above without which the offer will not be considered.