

MATERIAL DESCRIPTION, QUALITY REQUIREMENTS AND PRE QUALIFICATION REQUIREMENTS (PQR)

MATERIAL SIZE AND RESPECTIVE SPECIFICATION

W90414903277 ----- 2 Nos.

FLOW REGULATOR

SPEC: TG60385, REV:03

SIZE: NB=15, NP=25

QUALITY REQUIREMENTS:

Vendor to submit Testing and Certification as per Ordering Drawing / specification.

GENERAL INSTRUCTIONS TO PARTICIPATING BIDDERS

- Offers of those bidders will be considered for further processing which will be cleared in technical scrutiny.
- Offered prices on GeM should be inclusive of all taxes, duties, local levies / transportation / loading-unloading charges etc., as per General terms & conditions on GeM.
- Vendor to Inform the %age of GST charges inclusive in the offered prices.

VENDORS/BIDDERS TO PROVIDE THE DOCUMENTS AS PER PRE-QUALIFICATION REQUIREMENTS (PQR). ONLY THOSE OFFERS WILL BE CONSIDERED WHO WILL QUALIFY THE PQR.

**Mandatory Pre-Qualification requirements for Flow regulator
(W90414903277; TG60385)**

Description

The flow regulators are used in the seal oil skid for hydrogen cooled turbo generators. These are utilized for maintaining the seal oil flow to shaft seal in all regimes of operation. It consists of actuating diaphragm, cone, orifice etc. The actuating diaphragm converts the differential pressure produced by the orifice into an actuating force which in turn adjusts the cone. This ensures a constant volumetric flow to seal ring relief under all conditions. The regulator should be of very reliable and proven design to maintain the required flow parameters under all conditions

Mandatory requirement for Pre-Qualification

1.0 Experience Requirement -

The Vendor should be a regular manufacturer or authorized dealer of such Flow regulator. Vendor should have supplied at least Five (5) nos. Flow regulator in last Five (5) years (from the date of issuance of enquiry) with following technical details –

Si no.	Product features	Details
1.	Design Pressure	25 kg/cm ² & above
2.	Nominal Size	15NB & above
3.	Maximum Permissible Differential pressure	0.5 Bar
4.	Flow Range	Upto 5.0 M3/HR
5.	Flow medium	Turbine oil grade ISO VG46 or Equivalent

In support of above, vendor to furnish information, as per the following format for previous supplied Flow regulator meeting the above technical requirement for the past Five (5) years from the date of issuance of enquiry.

Si. No.	Name & address of customer	Purchase order reference no.	Purchase order issue date	Design Pressure	Design Temperature	Flow Range	Maximum Permissible Differential pressure	Material of construction of Body, Flange, Trim (Plug, Seat & Stem)

Vendor to submit the following documents as an evidence of acceptance of supplied Flow regulator, for the above mentioned successfully executed order -

- a) Vendor to furnish copy of Un-Priced Purchase Orders executed for supply of at least Five (5) Nos. of Flow regulators in last Five (5) years (from the date of issuance of enquiry).
 - b) Vendor to furnish the test certificate for Flow regulator as per DIN EN 12266/ANSI ISA 75.19.01/ANSI FCI 70-2 /EN 60534 for any one of the PO submitted. The submitted test certificates should have co-relation with PO.
 - c) Vendor to furnish final acceptance certificate from End customer/Third Party of Flow regulator for any one of the submitted PO's. Acceptance certificate should contain information like item details, Quantity accepted and should also have correlation with PO reference no.
- 2.0** In case of Authorised Distributor, vendor to furnish the Authorisation certificate from OEM (original equipment manufacturer).

Note - 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.