

Mandatory Pre-Qualification requirements for High Pressure Hoses (TG60552)

1. Experience:

1.1 The vendor should have manufactured or supplied at least 15 High Pressure Non-conductive flexible Hoses with end fittings as per DIN 7623/DIN 7643, DIN 3901/3902 in last seven years on date of enquiry. The hoses supplied shall adhere to the following Technical requirements:

- a) Design Pressure : $\geq 150 \text{ Kg/Cm}^2$
- b) Hose material: PTFE or Polyamide or equivalent
- c) Braiding material: Textile fabric/Kevlar/high tensile aramide fibre or equivalent
- d) Insulation Resistance: 90 M OHM/Meter (Min.)
- e) Material of End Fitting: Steel, Zinc Plated & Passivated/Stainless Steel, AISI 316 or equivalent.

In support of above, vendor has to furnish details of their supplies in the following format:

Purchase Order no.	Material	Customer Name & Address	Date of Supply	Quantity

1.2 From the above experience list, vendor shall furnish unpriced purchase order copies as well as corresponding test certificates for at least three PO for High Pressure Hoses.

1.3 Test certificates may include Hydro Test for assembled hose, Insulation Resistance, dimensional reports, etc.

2. Testing Facilities: Details of in-house testing facilities as per the requirement of enquiry specification to be submitted with offer. In case of outsourcing of tests, vendor to agree for testing at Government/International agency's accredited labs only.

3. Vendor to confirm that material shall be supplied as per BHEL's enquiry specifications and sizes.

Note:

1. The vendor should furnish all the documents in English language only. If the documents are not in English, then they must be accompanied by duly certified English translations of the same.