

## **PRE-QUALIFICATION CRITERIA**

The Bidder's capability shall be evaluated based on the following Pre-Qualification (PQ) criteria. The Bidders shall suitably fill-up the information solicited in "Item specification" and submit as part of the Techno-Commercial Bid (TCB). Those Bidders who comply with the PQ criteria only will be screened-in for opening and evaluation of Price Bid. The information to be submitted in the TCB shall be complete in all respects substantiated by attached documents and there shall not be any further opportunity for the Bidders to submit any information or document unless the Purchaser solicits so at their own discretion. Any lack of information or incomplete/ ambiguous information or false information or information non-compliant with the PQ criteria shall be treated as sufficient cause to summarily reject such Bids.

1. The Bidder must be a manufacturer of Super Insulated (SI) Cryogenic vessels. Manufacturer shall submit an ISO certification to that effect. The bidder shall submit details of their design, manufacturing capability for Super Insulated tanks, Heat Exchangers for Cryogenic Service, Testing facilities viz. Hydraulic, Pneumatic, Mass Spectrometer Leak Detection testing facilities, Net Evaporation Test & in-house assembly facilities etc. If the bidder is a subsidiary of their foreign principal, the credential of their principal may also be accepted provided that there is an agreement of technical support from their principal.

AND

2. The Bidder must have successfully designed, fabricated and supplied cryogenic bath type heat Exchanger with helical/ spiral coil arrangement for cooling process fluids to meet the following operational parameters:
  - a. **Process Fluids inside the coils:** Gaseous Helium/ Gaseous Nitrogen/ Gaseous Hydrogen.
  - b. **Operating Pressure of process fluid in the coil:** more than or equal to 12 MPa.
  - c. **Temperature of process fluid at the outlet of coils:** lesser than or equal to 100 K.

Towards this, the Bidder should have executed previous orders as follows:

*2.1. The bidder must have executed at least one single order meeting all the three conditions (a., b., c.) as mentioned above.*

OR

*2.2. The bidder executed multiple orders, shall meet conditions (a., b.) and (a., c.) in different orders.*

3. The claim shall be substantiated by Purchase orders and Inspection Release Note by TPI/ Acceptance certificate by user for the subject work executed during the last 7 years ending Oct. 30, 2024.
4. The department will assess and infer the capability of the bidder to meet the specifications based on the available information. In this regard, discretion of IPRC will be final.