

PRE-QUALIFICATION REQUIREMENTS (PQR)

Design, Supply, Installation & Commissioning of GLASS FIBRE REINFORCED PLASTIC (GRP) Piping systems

1. The bidder or bidder's partner (as defined in Para-5 below) should have facility to manufacture GRP Pipes & couplings of minimum 1500 NB by the Filament winding process (Continuous Filament Winding process using advancing mandrel method or Helical Filament Winding process for biaxial pipes as per design requirement) with full automation".
2. The Bidder should have designed, manufactured, engineered, installed and commissioned at least two GRP piping systems in last 10years (from date of enquiry) as per details below:
 - (a) one cross-country below ground (buried) GRP piping system (1200NB or above) at minimum 2Km stretch at one location.

and

- (b) one above ground GRP piping system (1200NB or above) at minimum 1Km stretch at **another** location.

The piping supplied and installed at both locations, as stated above, must have been in satisfactory operation for minimum two years after commissioning of the system. The bidder shall submit customer (End user) certificates from these installations in respect to satisfactory operation of the product for minimum 2(two) years after commissioning. Bidder shall provide related Purchase orders and completion certificates from respective purchasers.

3. For Business Continuity, bidder shall submit minimum two purchase order copies for similar scope of work with GRP pipe of 600NB or above, in the last three years from the date of enquiry.
4. In addition to the above, bidder should have manufactured & supplied minimum 1500NB GRP pipe. Bidder shall submit supporting document i.e. copy of Purchase order, approved GA drawing, supply proof such as MRC/MDCC/LR copy etc. Bidder should have in-house testing facilities for carrying out tests as per relevant standards & Quality plan. In case, the in-house testing facilities are not available, then bidder shall furnish undertaking that test(s) will be carried out from govt. approved lab or test house recognized by reputed customers.
5. Offers of single bidder/the JV companies/ Joint Bidders/ bidders having collaboration/ licensing agreement/ MOU/ Indian subsidiaries, hereafter referred as bidder, shall be evaluated as follows:
 - a. If bidder happens to be the single bidder, then only his credentials shall be considered for meeting PQR.

- b. If bidder happens to be Indian subsidiaries of foreign OEM, then the credentials of the foreign OEM can also be considered for meeting PQR.
- c. If bidder happens to be the Joint Venture Company, then the credentials of any of JV partners can be also considered for meeting PQR.
- d. If bidder happens to bid jointly with their partner, then credentials of both the partners will be considered for meeting PQR as per distribution of the work. In all such cases, lead bidder as specified in bid documents shall be responsible for overall execution of the contract and all guarantee/ warranty.
- e. If bidder happens to be the having valid collaboration agreement/ MOU/ licensing agreement with some other company, then the credentials of collaborator/ MOU partner/ licensing company can also be considered for meeting PQR.

Note: If bidder(s) qualifies on the basis of credentials of his principal/ JV partner/ Collaborator/ joint bidder etc., then the principal/ JV partner/ Collaborator/ MOU partner/ joint bidder shall be responsible for overall design vetting and warranty/ guarantee of the package. The scope matrix clearly defining their respective roles including design vetting, manufacturing of critical component, installation, Installation & Commissioning E&C etc. and warranty/ guarantee shall be submitted along with the offer.

Bidder to provide legally binding documents in support of arrangement of execution, as applicable.

- 6. Bidder to note that the arrangement of execution (single bidder / the JV companies/ Joint Bidders / bidders having collaboration/ licensing agreement/ MOU/ Indian subsidiaries) once offered to BHEL as a part of bidding documents cannot be changed till the completion of the contract.
- 7. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
- 8. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
- 9. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder/collaborators to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
- 10. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.