



Pre-Qualification Requirement (Technical) for Plate Type Turbine Oil Cooler (PHE)

Description

Plate Type turbine Oil Cooler (PHE) ensures that the turbine oil temperature leaving the turbine bearings is below the permitted value by removing the heat absorbed by the turbine oil within turbine bearings.

Qualification Criteria

Only the Bidders meeting the below mentioned criteria shall be considered for further evaluation. Bidder to state their response as per Format below:

| Sl. No. | PRE-QUALIFICATION REQUIREMENTS (TECHNICAL) | BIDDER RESPONSE | | | | | | | | | | | | | | | | | | |
|---------|---|--|------------------------------|--|------------------------------|--|--------------------|----|--|--|--|--|--|----|--|--|--|--|--|----------|
| 1 | <p>Bidder should have the experience of Manufacturing and supply of Plate Type Cooler/Heat Exchanger (PHE) for Industrial applications having technical details as mentioned below: Heat Load: Minimum 1200 KW per PHE Bidder to confirm.</p> | YES / NO | | | | | | | | | | | | | | | | | | |
| 2 | <p>Bidder must have executed at least Two (2) No. of Purchase Orders of Plate Type Cooler/Heat Exchanger (PHE) in last Seven (7) years from the date of issuance of enquiry. In support of the above specified experience requirement, bidder to furnish details of Purchase Orders (fulfilling requirements as mentioned at Sl. No.1) in the format given in Table-1 below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <caption>Table-1</caption> <thead> <tr> <th>Sl. No.</th> <th>Item Details</th> <th>Heat Load</th> <th>Heat Transfer Plate Material</th> <th>Name, Address, Email & Contact Details of customer</th> <th>P.O. Number & Date</th> </tr> </thead> <tbody> <tr> <td>01</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>02</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Sl. No. | Item Details | Heat Load | Heat Transfer Plate Material | Name, Address, Email & Contact Details of customer | P.O. Number & Date | 01 | | | | | | 02 | | | | | | YES / NO |
| Sl. No. | Item Details | Heat Load | Heat Transfer Plate Material | Name, Address, Email & Contact Details of customer | P.O. Number & Date | | | | | | | | | | | | | | | |
| 01 | | | | | | | | | | | | | | | | | | | | |
| 02 | | | | | | | | | | | | | | | | | | | | |
| 3 | <p>Bidder has to submit following documentary evidence in support of the executed Purchase Orders against Sl. No. 2:</p> <ol style="list-style-type: none"> Copies of Unpriced Purchase Order. General Arrangement Drawing and Data Sheet. Dispatch documents or material acceptance certificates. Test certificates (The correlation of dispatch documents or material acceptance certificates and test certificates with purchase orders referred in support of experience has to be ensured by the supplier). <p>For Bidders who have supplied Plate Type Coolers/Heat Exchangers (PHE) (as per Sl. No.-1 & 2 above) earlier to BHEL, Haridwar may inform P.O. nos. only.</p> | Document Enclosed: YES / NO YES / NO | | | | | | | | | | | | | | | | | | |
| 4 | <p>A Sister Company/Subsidiary Company/Collaborator Company of Original Equipment Manufacturer (OEM) who meets qualification requirement at Sl. No.1 above can also be considered.</p> <ol style="list-style-type: none"> For Sister Company/Subsidiary Company, supporting documents shall be furnished from Original Equipment Manufacturer (OEM) indicating that bidder is Sister Company/Subsidiary Company of Original Equipment Manufacturer (OEM). For Collaborator Company, valid collaboration/licensing agreement should be in existence before the date of issuance of enquiry & shall be maintained for a lock in period of Five (5) years from the date of issuance of enquiry. Vendor to submit supporting documents in this regard. | YES / NO | | | | | | | | | | | | | | | | | | |
| 5 | <p>In case Bidder qualifies as per Clause-4 above, the Bidder to submit evidence/confirmation from OEM for the followings: -</p> <ol style="list-style-type: none"> Bidder had established manufacturing and testing facilities at its works as per OEM's design, manufacturing and quality control system for such equipment duly certified by the OEM as on date of issuance of enquiry. OEM shall provide all design document to Sister Company/Subsidiary Company/Collaborator company for manufacturing of the product. OEM shall provide guarantee towards quality and workmanship of the product manufactured by Sister Company/Subsidiary Company/Collaborator company. | Document Enclosed: YES / NO | | | | | | | | | | | | | | | | | | |




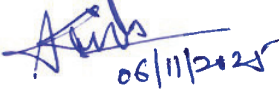


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| | | |
|---|--|---------------------------------------|
| 6 | <p>Sister Company/Subsidiary Company/Collaborator Company should have manufactured and supplied at least One (1) number Plate Type Cooler/Heat Exchanger (PHE) for any application. PO for above referred Plate Type Cooler/Heat Exchanger (PHE) should be placed within Seven (7) years from date of enquiry. Bidder has to submit following documentary evidence in support of the executed Purchase Order:</p> <ol style="list-style-type: none">I. Copies of Unpriced Purchase Order.II. General Arrangement Drawing and Data Sheet.III. Dispatch documents or material acceptance certificates.IV. Test certificates (The correlation of dispatch documents or material acceptance certificates and test certificates with purchase orders referred in support of experience has to be ensured by the supplier). <p>For Bidders who have supplied Plate Type Coolers/Heat Exchangers (PHE) earlier to BHEL, Haridwar may inform P.O. nos. only.</p> | Document Enclosed: YES / NO |
|---|--|---------------------------------------|

General Notes:

- a. Against Bidder's reply, BHEL reserves the right to verify /ask additional information / documents / clarifications. In case any information is found to be false / incorrect, BHEL reserves the right to reject Bidder's offer.
- b. Bidder's offer shall not be considered if Bidder fails to furnish the document / information / clarification as mentioned above or Bidder doesn't meet the acceptance criteria mentioned above.
- c. All the documents and correspondences shall be accepted in English language only.
- d. BHEL team may visit Bidder works to assess Bidder's manufacturing and testing facilities, if required.

| Prepared By | Checked By | Reviewed By | Approved By |
|---|---|--|---|
|  06/11/25 |  On leave |  06/11/25 |  06/11/25 |
| Susheel Kothiyal (Manager / HXE) | Lokesh Singh Pangtey (Sr. Manager / HXE) | Shiva Kant (Sr. Manager / HXE) | Alok Kumar Singh (AGM / HXE) |

Checklist for Offer Submission of Turbine Oil Cooler (PHE) for Mat. Code. W97716501232 & W97716501240

| Clause no. | Pre Qualification Requirement | Submission Remarks (YES/NO) |
|-------------------|--|------------------------------------|
| 1 | Confirmation regarding having experience of Manufacturing and supply of Plate Type Cooler (PHE) having heat load of 1200 KW or above as per Clause 1 of PQR. | |
| 2 | Copies of successfully executed purchase orders to be furnished as per clause 3.I of PQR. | |
| 3 | General Arrangement Drawing and Datasheet of executed purchase orders to be furnished as per clause 3.II of PQR. | |
| 4 | Documentary evidence of Dispatch of material or acceptance of material to be furnished as per clause 3.III of PQR. | |
| 5 | Test certificate for executed purchase orders to be furnished as per clause 3.IV of PQR. | |
| 6 | Supporting documents from Original Equipment Manufacturer (OEM) indicating that bidder is Sister Company/Subsidiary Company of Original Equipment Manufacturer (OEM) to be furnished as per clause 4 of PQR (if applicable). | |
| 7 | Supporting documents for valid collaboration/licensing agreement to be furnished as per clause 4 of PQR (if applicable). | |
| 8 | Evidence/Confirmation to be furnished from OEM as per clause 5 of PQR (if applicable) | |
| 9 | Supporting documents for executed purchase orders to be furnished as per clause 6 of PQR (if applicable). | |
| 10 | Technical offer along with Preliminary GA drawing and Data Sheet. | |