



PQR- Seamless INCOLOY 800 U-Bend Tubes

Bharat Heavy Electrical Limited,
Bhopal

Tender No. : E1993013

Pre-Qualification Criteria for Supply of Seamless INCOLOY 800 U-Bend Tubes for D2O Heat Exchanger for Primary Nuclear Cycle

The bidder shall produce documentary evidence for meeting the following pre-qualification criteria along with their offer.

A) Technical Criteria

S.No.	Criteria	Documents required to be submitted in support of claim	Vendor Response / Documents submitted
1.	Original Equipment Manufacturer/ their single authorized representative are only allowed to participate in the tender.	Document/ catalogue in support of their claim of being an Original Equipment Manufacturer (OEM) / certification from OEM for single authorization.	
2.	OEM to confirm having successfully supplied thick walled i.e., 1.0 mm and above seamless INCOLOY 800 tubes for Heat Exchanger of Nuclear Primary Cycle for at least one (1) project.	a. Name of customers/ companies with equipment, where the seamless INCOLOY 800 U-bend tubes have been supplied. b. Project Name & Year of supply. c. Products inspected by the customer/Third Party Inspection - (Yes/No). If inspected by third party, indicate name of inspection agency. d. Furnish copy of unpriced Purchase Orders and dispatch details/confirmation.	
3.	OEM should have Annual manufacturing capacity of at least 20 Tonnes finish condition seamless U-bend Incoloy 800 Tubes.	Annual Manufacturing Capacity of the given MOC.	
4.	Experience list for Nuclear Primary Cycle heat exchangers.	Experience List with unpriced PO copies.	
5.	OEM should have established Sub-vendors for procurement of raw material with chemical composition as specified in clause 4.4 of technical specification – BHEL/NPCIL/30599/Incoloy 800 Tubes/CDE-19-3410.	Confirmation & Document in support of availability of raw material vendors who can meet the chemical composition requirement as specified in specification.	

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6.	OEM should have following In-house Manufacturing Facility to convert raw material to Finished seamless Incoloy 800 U bend Tubes. - Confirm facility to manufacture and handle straight tubes of length 12 meters (minimum). - Confirm facility to form U bend tubes by cold forming process. - Tubes with wall thickness 1.0 mm & above shall be cold drawn/pilgering to finish size. - Vendor to confirm having Bright Annealing facility.	Manufacturing process flow chart and list of Manufacturing facilities available in house. - Confirmation along with details of the facility. - Confirmation required. - Vendor to confirm and furnish list of supplies indicating size, thickness and dimensional tolerance achieved. - Confirmation required.	
7.	OEM should have following In-house Testing Facilities. - Confirm availability of facility to carry out air under water test on finished tubes. - Confirm availability of facility to carry out hydro test on finished U-bend tubes. - In case, some of the test (other than a & b above) being outsourced to a lab or test house then said lab or test house should be NABL approved (in case of Indian vendors) & ISO/IEC-17025 accredited lab (in case of foreign vendors).	List of Testing facilities available in house. - Confirmation required. - Confirmation required. - Confirmation & list of testing being outsourced.	
8.	- In-house facility for Eddy current & Ultrasonic examination of tubes. - NDT facilities and Availability of NDT qualified Level II/ Level III inspector in ECT and UT as per ASME requirements.	- Confirmation and details of facility to be furnished. - Details of NDE facilities and valid certificates of NDE personnel.	
9.	Quality Assurance, Organizational Structure including QA/QC inspection dept. with man power & qualification details.	Quality Policy, Quality Control, Quality Assurance Plans and certifications to be furnished. Organization structure with required details.	



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10.	Certification by reputed agencies (ISO/ ASME/ CE/ UL/API/ etc.) & also approval certificates from other customers etc.	Copy of valid Certificates.	
11.	Technical Catalogue.	Copy of Catalogue	

B) FINANCIAL CRITERIA

S.No	Criteria	Documents Required in Support	Document Submitted
1.0.a	Indian Vendor:- Average annual financial turnover of bidder, during the last three financial year shall be Rs. 15 crores or more. Bidder has to submit audited financial accounts for last three years in support of meeting the above criteria.	Audited Balance sheet, Profit & loss account statement for three financial years : 2015-16, 2016-17, 2017-18.	
1.0.b	Mandatory statutory Documents- PAN & GSTIN	a) Copy of PAN Card b) Copy of GSTIN document issued by appropriate Govt. Authority	
2.0.a	Foreign vendors : In case of bidders from outside India, Average annual financial turnover of bidder, during the last three financial years shall be equivalent to INR 15 crores or more. Bidder shall provide business information report (BIR) from third party business rating agencies e.g. Dun & Bradstreet/Credit reform/Experian etc. along with technical offer. BIR reports <u>indicating turnover as mentioned above</u> for the Financial year: 2015-16, 2016-17, 2017-18 to be submitted along with Technical bid. Note - Exchange rate for conversion of equivalent INR -Exchange rate (TT selling rate of State Bank of India) applicable on the date of Part-I bid opening shall be considered for conversion of financial data of BIRs. If the relevant day happens to be a bank holiday in India, then the FOREX rate	Business Information Report (BIR) report from third party business rating agencies e.g. Dun & Bradstreet/ Credit reform / Experian etc. for three financial years : 2015-16, 2016-17, 2017-18	



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	as on the previous bank working day shall be taken for evaluation.		
2.0.b	Appointment of Indian Agent- In case of availing services of an Indian agent , then bidder to provide Agency Agreement . The agency agreement should specify the precise relationship between the foreign OEM/ principal & their Indian agent and their mutual interest in business. In absence of any agency agreement, BHEL shall not deal with any Indian agent and shall deal directly with the foreign principal for all purposes.	Copy of Agency Agreements	

Note:

1. After satisfactory fulfilment of all the above criteria/requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.
2. **All documentary evidences along with this PQR (pre-qualification criteria) shall be duly signed and stamped by Authorized person.**
3. BHEL shall evaluate the credentials and accept/reject the claim based on the evaluation of submitted documents. The decision of BHEL is final in this regard.
4. BHEL reserves the right to verify the information submitted by the vendor. In case the information is found to be false or incorrect, suitable action as per Company Rules shall be taken.
5. After successful Qualification against this PQR, credentials shall be submitted to NPCIL for approval. Vendors who are approved by NPCIL shall only be considered for registration with BHEL,Bhopal subject to fullfillng Supplier Registration Form (SRF) conditions.
6. In case of offer by OEM's representative/agent, the sole responsibility for compliance to tender specification, execution of the contract etc. lies with OEM.
7. In case of foreign vendor, vendor shall submit Tax Residency Certificate (TRC) & Permanent Establishment and Business Connection (PEBC) as per clause no. 16 of Enquiry General terms Condition BP-200102.
8. Kindly refer guidelines regarding dealings with Indian Agents of Foreign suppliers. (ref. separate attachment)
