

PRE-QUALIFICATION CRITERIA(PQC) - REVISED

S.S. Seamless U Tubes for High Pressure Feed Water Heater/De-Superheater Application

S.No.	BHEL Requirement	Vendor's Confirmation	Deviation if Any	Remarks
	All the suppliers need to submit this document i.e. titled pre-qualification criteria and furnish required information along with offer.			
1	<p>a) Name, address, e-mail id, contact no.etc. of manufacturing mill for SS Seamless U Tubes.</p> <p>b) Name, address, e-mail id, contact no.etc. of authourised agency / trading house quoting on behalf of manufacturing mill. In case offer is received from authourised agency / trading house, the following requirements shall be full filled. i) Valid letter of authorisation and copy of agreement(between manufacturer and tenderer) to be enclosed with offer. ii) The offer shall be either from the authorised agency or from the manufacturer directly. In case of BHEL receiving offer from both, then offer from manufaturer will only be considered. iii)Offer from an unauthorised agency / entity on behalf of any vendor shall be summarily rejected. iv) Name, address, e-mail id, contact no.etc. of entity on whom order to be released in case of L1 shall be clearly indicated.</p>			
2	Supplier to confirm/provide the following criteria/documents for evaluation of offer.			
	(a) The supplier shall have the proven experience in manufacturing and supply of Stainless Steel seamless U tubes for High Pressure Feed water heater/De-superheater supplied in power plant application as mentioned below.			
i)	Material : SA 213 TP 304 /SA 213 TP 304 N / SA 213 TP 304L / SA 213 TP 304LN/SA 213 TP 316 /SA 213 TP 316 N / SA 213 TP 316L / SA 213 TP 316LN			
ii)	Tube O.D. : 15.875 mm (5/8 inch) to 19.05mm(3/4 inch)			
iii)	Tube Thickness : 2.1 mm minimum or thicker			
iv)	Application: High Pressure Feed water heater (HP Heater/De-Superheater).			
v)	Service: Thermal power plant/Nuclear power plant.			
vi)	Satisfactory Working of equipment: At least one year in a power plant ending lastday of month previous to the one in which enquiry floated. Or If the vendor has already supplied SS Seamless U tubes (meeting requirements as per Cl. 3(a)(i to v) to BHEL, the HP Heater / De-super heater provided with the above tubes should have been sucessfully hydrotested.			
vii)	The supplier shall be an original U-Tube manufacturer. All the facilities required for manufacturing U-tubes from mother hollows or round bars, shall be readily available with the vendor. Ex: Bright annealing facility, online or offline eddy current testing facility, Ultrasonic test facility,Hydrostatic testing facility. (Hydrostatic test pressure: 585 kg/sq.cm (g) minimum), U-bend stress relieving facility etc.			
viii)	The mother hollows shall be manufactured by hot extrusion method, other methods are not acceptable.			
	All the above criteria 2(a) (i) to 2(a) (viii) must be combinedly met by the vendor against a single supply reference of U tubes.			
	Supplier's having experience in other applications other than High Pressure Feed Water Heater/De-Superheater in a Power plant shall not be treated as a proven experience.			

S.S. Seamless U Tubes for High Pressure Feed Water Heater Application/De-Superheater (contd..)

2	<p>(b) The supplier meeting all the above criteria as 2 (a) (i) to 2 (a) (viii) shall furnish details of such supplies only as indicated above (sl no 2 (a)) including equipment (HP Heater/De-Superheater) Manufacturer's Name, power plant name, date of supply (in DDMMYY format), No of years the equipment (HP Heater/De-Superheater) is in service, Size, Quantity and full contact details of equipment (HP Heater/De-Superheater) Manufacturer & power plant. (including Mobile no and e-Mail ID).</p> <p>OR</p> <p>Heater Manufacturer's certificate (in English) containing the supply details as indicated above both 2(a) & 2 (b), Contact details [E-Mail ID, Land line / Mobile No. of Heater manufacturer and Power plant] and complete address of Heater Manufacturer may be furnished.</p> <p>Note : Suppliers shall furnish maximum upto 6 number of latest customer reference details as indicated above in the attached annexure-I. Details furnished in any other format shall not be considered.</p> <p>All the documents shall be furnished only in English. Documents furnished in other langauges will not be considered for further evaluation.</p>			
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S.S. Seamless U Tubes for High Pressure Feed Water Heater Application/De-Superheater (contd..)

2	(c) BHEL reserves the right to cross verify with the above such customers and satisfy itself with reference to the claims of the supplier. If the information furnished by the supplier is not found, genuine the offer will be technically rejected.			
3	The vendors shall register with BHEL through online vendor registration portal available in BHEL website (www.bhel.com) and submit the application online against PMD D.PT.006. Copy of the same shall be submitted along with the offer. (Applicable for new vendors who are not registered in BHEL -HPEP, R. C. Puram against the subject item PMD till now)".			
4	Offers not meeting the requirement as above at 2(a) & 2(b) shall not be technically evaluated by BHEL. Further, no correspondence in this matter shall be entertained.			
5	For making S.S. Seamless tubes, the mother hollows may be directly procured by the tenderer as raw material or can be made from a round bar by heater tube manufacturer.			
	(a) Tube manufacturer shall furnish the list of suppliers/sources from where Mother hollows / round bars will be sourced along with mother hollow / round bar manufacturer's facilities including testing facilities, size ranges and list the customers to whom they are supplying. This is for necessary review of the credentials of such suppliers and acceptance by BHEL. BHEL also reserves the right to visit such suppliers works for further evaluation if required. The decision of BHEL with regarding to final list of suppliers to be considered for mother hollows / round bars will be final. Acceptance / Rejection of vendor does not entertain any claim for revised price bid by the tube supplier.			
	(b) The mother hollows shall be produced by hot extrusion method. In case of usage of hot pierced mother hollows by the tube supplier, suitable action shall be initiated on the tube supplier.			
	(c) Either the round bars for making mother hollows or the mother hollows shall be UT tested.			
6	The Vendors shall furnish the detailed process of manufacturing and testing procedures along with the offer.			
7	List of BHEL qualified bidders shall be forwarded to BHEL's End Customer for their review and approval. The list finalized by BHEL's End Customer shall be final and binding.			
8	BHEL team may carry out vendor evaluation/assessment (in case of a new vendor) by a visit to vendor works for qualifying /rejecting the technical bid based on the findings of the visit.			
9	Vendors to submit their bid in 2- part system, i.e. Part-I shall consist of Pre-Qualification Criteria along with the required documents and Techno-commercial bids and Part-II shall consist of Price Bid. Offers failing to meet prequalification criteria shall not be considered for further evaluation.			

SPECIAL CONDITIONS OF CONTRACT FOR FRAME WORK AGREEMENT - **REVISED**

S. NO.	TERMS & CONDITIONS	BHEL REQUIREMENT	VENDOR'S CONFIRMATION
I	TECHNICAL TERMS		
1	DESCRIPTION, SIZE AND QUANTITY	Description, Size as per reference Drawing No. 4-175-01-03537 Rev.00 and Quantity in Tonnes (approximately) as per Annexure-A to SCC.	
2	SPECIFICATION	HE51173 Rev: 10	
3	MATERIAL	Material shall confirm to SA213 TP304N as per ASME SEC-II Part-A latest Edition, with max. carbon content as per Specification HE51173 Rev.10.	
4	DRAWING	Detailed drawing will be furnished along with PO.	
5	QUALITY PLAN	Standard Quality Plan shall be HY/HE/010/U-TUBE Rev: 05; wherever customer approval requires, vendor shall submit QAP in the applicable format within a week of receipt of PO. BHEL shall obtain the commented / approved QAP from customer within 3 weeks of vendor's submission. However, BHEL shall put best efforts in getting early approval from customer.	
6	PACKING & MARKING	As per BHEL Standard AA0490003 Rev:02.	
7	INSPECTION & CERTIFICATION	<p>By BHEL TPIA (or) BHEL TPIA and Customer / Customer TPIA as per Quality Plan and CIB in IBR Form-III B.</p> <p>Note:</p> <p>(i) In case of customer inspection, vendor shall provide advance intimation period of 15 days for arranging customer inspection at their works.</p> <p>(ii) Vendors are advised to raise Inspection Call in CQIR system (www.cqir.bhel.in) with Purchasing Unit as 'HPEP' at least 3 working days prior to the proposed date of inspection.</p>	

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S. NO.	TERMS & CONDITIONS	BHEL REQUIREMENT	VENDOR'S CONFIRMATION
II COMMERCIAL TERMS:			
1	PERIOD OF AGREEMENT FOR FRAME WORK AGREEMENT	Two years	
2	TERMS OF DELIVERY	FOR BHEL RC PURAM, HYDERABAD.	
2A	FOR BHEL PRICE / DELIVERY IMPLIES	a) Quoted price shall be on Ex-Works basis (i.e. price quoted is exclusive of F&I charges). Vendor shall indicate applicable Freight & Insurance charges in % of quoted price at S.No. II (3).	
		b) C-Note date or Date of submission of documents whichever is later shall be considered as delivery date incase documents are not submitted within 10 days from the dispatch of the material.	
3	FRIEGHT & INSURANCE CHARGES	Indicate F&I charges in % of quoted price. Note: This price shall remain same irrespective of variation in basic price after applying PVC formulae i.e. F&I charges considered shall be % of price mentioned in the Agreement within the validity of Rate Contract.	_____ %
4	PACKING & FORWARDING CHARGES	Inclusive of quoted prices.	
5A	Third Party Inspection & Certification Charges	By BHEL and vendor's offer will be loaded by appropriate percentage for evaluation of offers. Currently it is 0.26%.	
5B	CIB Charges / Certification in IBR Form - III B	Shall be inclusive in quoted price.	
6	DELIVERY	Minimum delivery period shall be 4 months from the date of releasing the PO (or) as per PO delivery date whichever is later for the 1 st HP Heater tubes. Subsequent deliveries shall be with minimum of 1 month gap for tubes of each HP Heater.	
7	QUANTITY VARIATION	i) Total quantity mentioned in the enquiry is indicative. ii) For this frame work agreement there is no minimum order quantity applicable, BHEL reserves the right to place or not to place any order through this frame work agreement depending on the prevailing business scenerio. iii) The individual Purchase Order placed based on this Framework Agreement are not subject to any Minimum Order Quantity (MOQ) limitation. iv) Additional quantity beyond the indicative quantity, if any, may be awarded within the Rate Contract period.	
8	TWO-PART BID	Offer shall be submitted in two part bid system thru' EPS. Part-I shall consists of Techno-Commercial bid with all required documents and Price shall be fed in Part-II.	

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S. NO.	TERMS & CONDITIONS	BHEL REQUIREMENT	VENDOR'S CONFIRMATION
8A	TECHNO-COMMERCIAL BID	<p>Techno-Commercial Bid shall essentially consist of:</p> <p>(i) Duly filled in Special Contract Conditions (SCC) along with Annexure-A.</p> <p>(ii) Duly filled in Instructions to Bidder (ITB) along with Annexure-I, IV.</p> <p>(iii) Pre-Qualification Criteria (PQC) along with Annexure-I.</p> <p>(iv) Local Content Certification</p> <p>(v) Framework Confidentiality Agreement Cum Undertaking</p> <p>(vi) Integrity Pact</p> <p>(vii) Price Variation Clause</p> <p>(viii) Process Compliance Form for participating in RA</p> <p>Note: Bid shall be complete in all respects including all the documents / information required for techno-commercial evaluation. Incomplete offers shall be liable to rejection.</p>	
8B	PRICE BID	<p>Vendor shall quote on Rate / Kg. basis for materials as below: M1: SA213 TP304N.</p> <p>The weight indicated in BHEL Drawing shall be final irrespective of the tolerances and the actual weights. Ordering and payments shall be as per BHEL Drawing weight.</p>	
9	REVERSE AUCTION	<p>BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno-commercially qualified bidders.</p> <p>Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.</p>	
10	EVALUATION OF OFFERS	<p>Shall be evaluated on Landed Cost/Destination Cost to BHEL. Note: Price Bids of Customer Approved vendors shall only be opened and considered for evaluation.</p>	

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S. NO.	TERMS & CONDITIONS	BHEL REQUIREMENT	VENDOR'S CONFIRMATION
11	INTEGRITY PACT	<p>(a) IP is a tool to ensure that activities and transactions between the Company and its Bidders / Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL.</p> <p><u>Details of IEM for this tender is furnished below:</u> Name : Shri Arun Chandra Verma, IPS (Retd.) e-Mail : acverma1@gmail.com Name : Shri Virendra Bahadur Singh, IPS (Retd.) e-Mail : vbsinghips@gmail.com</p> <p>(b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into the Pact would be a preliminary qualification.</p> <p>(c) Please refer Section-8 of the IP for the Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the IEM mentioned in the tender.</p> <p>Note: No routine correspondence shall be addressed to the IEM (phone / post / email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarifications / issues shall be addressed directly to the tender issuing (procurement) department.</p>	
12	PURCHASE PREFERENCE FROM CLASS-I LOCAL SUPPLIER	<p>For this procurement, the local content to categorize a supplier as a Class-I local supplier / Class-II local supplier / Non-Local supplier and purchase preference to Class-I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 16.09.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.</p> <p>Only 'Class-I Local Supplier' and 'Class-II Local Supplier', as defined under the Order, shall be eligible to bid for this tender.</p> <p>The margin of Purchase Preference shall be 20% as defined under the Order.</p>	

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S. NO.	TERMS & CONDITIONS	BHEL REQUIREMENT	VENDOR'S CONFIRMATION
13	QUANTITY SPLITTING	<p>Price Bids of only techno-commercially qualified and customer approved vendors shall be opened. After opening of price bids, bidder will be ranked L1, L2, L3....Ln.</p> <p><u>CASE-1:</u> If L₁ (lowest bidder) is 'Class-I Local Supplier', for quantity splitting only Class-I Local Suppliers shall be considered. L1 price will be counter-offered to subsequent ranked Class-I Local Suppliers and manner of splitting shall be as below: a) In case of 4 or more techno-commercially qualified and customer approved vendors are 'Class-I Local Suppliers', then the total quantity will be open for distribution to three 'Class-I Suppliers' in the ratio of 50:30:20. (b) In case of 2 or 3 techno-commercially qualified and customer approved vendors are 'Class-I Local Suppliers', then the total quantity will be open for distribution to two 'Class-I Local Suppliers' in the ratio of 60:40.</p> <p><u>CASE-2:</u> If L1 is 'Class-II Local Supplier', 50% quantity will be ordered with 'Class-II Local Supplier'. For balance 50% quantity splitting, L1 price counter offer shall be as per PPP-MII guidelines (latest) and order of their ranking. Manner of splitting shall be as below: a) In case of 3 or more techno-commercially qualified and customer approved vendors are 'Class-I Local Suppliers' meeting 'purchase preference', balance 50% quantity will be open for distribution to two 'Class-I Suppliers' in the ratio of 30:20. (b) In case of 1 or 2 techno-commercially qualified and customer approved vendors are 'Class-I Local Suppliers' meeting 'purchase preference', balance 50% quantity shall be counter offered to these 'Class-I Local Suppliers' in the order of their ranking.</p>	
		<p><u>General Conditions for Quantity Splitting:</u> The bidder who accepts the counter offer shall be awarded the corresponding quantity and balance quantity, if any, shall be counter offered to the next ranked bidders. Each vendor shall be entitled to only one counter offer, irrespective of quantity of distribution. In case of non-acceptance of counter offer or any quantity remaining after acceptance of a counter offer, the corresponding quantity will be ordered on L1 bidder.</p>	
14	GUARANTEE	Guarantee on the supplies for a period of 18 months from the date of dispatch or 12 months from the date of commissioning whichever is earlier.	

**SPECIAL CONDITIONS OF CONTRACT
FOR FRAME WORK AGREEMENT - REVISED**

S. NO.	TERMS & CONDITIONS	BHEL REQUIREMENT	VENDOR'S CONFIRMATION
15	SOURCING OF ROUND BARS / MOTHER HOLLOWES	As indicated in S.No. 5 of Pre-Qualification Criteria, vendor may suggest sources of round bars / mother hollows different from standard sources mentioned in the list. BHEL may or may not accept new sources suggested by vendor. However, there is no provision of revision of price for acceptance or non-acceptance of new sources after opening of Part-I Bid.	
16	FINANCIAL STANDING	Vendor to submit annual Financial Turnover during the Past 3 Years along with copy of 3 years Audited Balance Sheet. Note: Other income shall not be considered for arriving at annual financial turnover/sales.	
17	GENERAL DOCUMENTS REQUIRED	Bidder has to submit copies of Certificate of Incorporation from the Registrar of Companies/Partnership Deed/ Proprietorship documents etc., GSTIN registration, PAN card, Income tax returns (ITR-V) etc as applicable.	
18	EARNEST MONEY DEPOSIT (EMD)	EMD charges not applicable for quoting against this tender.	
19	PRICE VARIATION CLAUSE	Applicable as per Annexure-B of SCC.	
20	TERMS & CONDITIONS	Vendor is requested to furnish all details of the offer in this format. In case of any discrepancy between information furnished here and those furnished elsewhere in the bid, the information furnished in this document only shall be considered, and those furnished elsewhere shall be ignored.	

Annexure-A to SCC				
S.No.	Material Specification	Firm/Anticipated	Customer Type	Tonnage (Approx.)
1	SA213 TP 304N	Firm	NTPC	300
2	SA213 TP 304N	Anticipated	NTPC	324
Total Tonnage =				624

Validate

Print

Help

Item Wise BoQ

Tender Inviting Authority: A. SURENDER, DY.MANAGER / PUR(HE&F), BHEL RC PURAM, HYDERABAD.

Name of Work: RATE CONTRACT FOR HP HEATER TUBES

Contract No: D3/HPH-TUBES/RC DATED 10.07.2021

Name of the Bidder/ Bidding Firm / Company :									
<p align="center"><u>PRICE BID FORMAT (REVISED)</u></p> <p align="center">(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p>									
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST (If applicable in Percentage)	TOTAL AMOUNT excluding taxes in Rs. P	TOTAL AMOUNT including taxes Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	11	12	13
1	SS SEAMLESS U TUBES-SA213 TP304N	M2-SA213TP304N	624000.00	Kgs.			0.000	0.000	INR Zero Only
Total in Figures							0.000	0.000	INR Zero Only
Quoted Rate in Words		INR Zero Only							