

Fabrication and Supply of Spooled Pipes and Fittings for IOCL Haldia project

Enquiry Checklist

SI No	BHEL requirement	Bidder to indicate acceptance																																		
1	Quotation no																																			
2	Quotation date																																			
3	Applicable GST in %																																			
4	Scope of supply Manufacture and supply of below mentioned quantity of Spooled pipes, Plate formed pipes, components (Reducers, Mitre Bends, Flanges, Stubs, Fasteners, Ducts etc.) meeting BHEL drawing & technical requirements for IOCL Haldia project.																																			
5	List of items As per BOQ enclosed (Total Wt- 230 MT $\pm 20\%$) – Item wise weight in the package can also vary by $\pm 20\%$. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Package</th><th>Item No</th><th>Material description</th><th>Material Specification</th><th>Quantity (MT)</th></tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center;">1</td><td style="text-align: center;">1.1</td><td>Pre-Fabricated Piping Spools as per drawings (Welding Pipe to Pipe, Pipe to Fittings, Fittings to Fittings as applicable)</td><td rowspan="4" style="text-align: center;">Carbon Steel (refer applicable drawings)</td><td style="text-align: center;">180</td></tr> <tr> <td style="text-align: center;">1.2</td><td>Square Duct as per drawings</td><td style="text-align: center;">4</td></tr> <tr> <td style="text-align: center;">1.3</td><td>Threaded Cap, Nipple, H. Coupling, Plug, Flange (WN, SO, Blind, SQ.), Mixer Plates, Bolt, Stud, Nut and other components</td><td style="text-align: center;">6</td></tr> <tr> <td></td><td colspan="3" style="text-align: center;">Package 1 Total</td><td style="text-align: center;">190</td></tr> <tr> <td rowspan="2" style="text-align: center;">2</td><td style="text-align: center;">2.1</td><td>Pre-Fabricated Piping Spools as per drawings (Welding Pipe to Pipe, Pipe to Fittings, Fittings to Fittings as applicable)</td><td rowspan="3" style="text-align: center;">Alloy Steel (refer applicable drawings)</td><td style="text-align: center;">35</td></tr> <tr> <td style="text-align: center;">2.2</td><td>Threaded Cap, Nipple, H. Coupling, Plug, Flange (WN, SO, Blind, SQ.), Mixer Plates, Bolt, Stud, Nut and other components</td><td style="text-align: center;">5</td></tr> <tr> <td></td><td colspan="3" style="text-align: center;">Package 2 Total</td><td style="text-align: center;">40</td></tr> </tbody> </table>	Package	Item No	Material description	Material Specification	Quantity (MT)	1	1.1	Pre-Fabricated Piping Spools as per drawings (Welding Pipe to Pipe, Pipe to Fittings, Fittings to Fittings as applicable)	Carbon Steel (refer applicable drawings)	180	1.2	Square Duct as per drawings	4	1.3	Threaded Cap, Nipple, H. Coupling, Plug, Flange (WN, SO, Blind, SQ.), Mixer Plates, Bolt, Stud, Nut and other components	6		Package 1 Total			190	2	2.1	Pre-Fabricated Piping Spools as per drawings (Welding Pipe to Pipe, Pipe to Fittings, Fittings to Fittings as applicable)	Alloy Steel (refer applicable drawings)	35	2.2	Threaded Cap, Nipple, H. Coupling, Plug, Flange (WN, SO, Blind, SQ.), Mixer Plates, Bolt, Stud, Nut and other components	5		Package 2 Total			40	
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6	If quoted for Package 1, confirm all items of the package have been quoted. Please note that in case all items of the package are not quoted, bill will be rejected.																																			
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8	<u>Technical Requirements</u> 1. All the components shall be manufactured as per applicable drawings & notes for fabrication. 2. Items (pipe spools) shall be supplied as per applicable drawings enclosed with the tender. 3. Edge preparation shall be as per ASME B16.25 as per drawings enclosed with tender. 4. Spider arrangement shall be provided at both ends of the DU's as per applicable drawing and notes for fabrication. <i>Spider arrangement weight will not be included in PO weight.</i> 5. Length of each pipe shall be maintained as per applicable drawings & notes for fabrication. Spooling of pipes and pipe fittings shall be done as per applicable drawings. Weld joints shall be done at shop as per the indicative drawings for the spooling of pipes. 6. Quality Plan 7419: QPC: 01 shall be followed for fabrication and painting requirements. 7. Reference WPS / PQR for the material specification quoted shall be submitted with the tender for BHEL review and approval. Post placement of PO, WPS / PQR shall be submitted within 7 days for BHEL review and approval. <i>Production shall commence only after approval of WPS / PQR by BHEL.</i> EIL welding specification charts shall be followed for selection of electrodes and welding process. 8. Materials shall be procured from EIL approved suppliers as per item wise vendor list enclosed. Any material category or specification not available in the approved list shall be informed to BHEL before procurement of the items for approval by BHEL / EIL.	
9	Detailed process flow chart from raw material stage including manufacturing of items, spooling, edge preparation, painting, testing, spider arrangement and dispatch shall be submitted.	
10	Bidder shall indicate whether any activity other than rolling and welding are being outsourced. If so, details shall be furnished.	
11	<u>Painting requirement</u> External painting is applicable as mentioned: SSPC – SP3 / Power Tool cleaning. Red Oxide Zinc Phosphate – 1 coat x 30 Microns – Total DFT - Min. 30 microns.	
12	<u>Deviation sheet</u> Bidders may note that except for the deviations listed in the 'Enquiry Deviation Format', the bid shall be deemed to comply with all the requirement in the bidding documents and the bidders shall be required to comply with all terms, conditions and specifications of the bidding documents irrespective of any mention to the contrary, anywhere else in the bid. Deviations taken by vendors (if any) are subject to BHEL approval. If deviation format is not submitted by bidder, it will be construed that the bidder complies to all the technical requirements of BHEL without any deviation.	

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13	<u>Testing, Test Certificates, Inspection and Quality documentation</u> 1. All testing requirements, marking and identification shall be as per QP 7419: QPC: 01. 2. Test certificates & IR as called for in the approved QP shall be sent to OS, BHEL Piping Centre, Chennai immediately after the dispatch of items. Inspection documents shall be furnished for each batch of dispatch. <u>Soft copy in CD format of the all the test certificates, history cards, inspection reports etc shall also be submitted.</u> 3. Inspection shall be done by EIL / EIL authorized TPI and BHEL / BHEL authorized TPI. Internal inspection charges to bidders account and the same be included in the rate quoted. Customer / BHEL inspection shall be to BHEL's account. 4. Inspection call shall be raised as per the inspection stages indicated in approved QP. Inspection call shall be given at least 7 days in advance for planning inspection. Inspection call letter should contain all details pertaining to type of inspection, manufacturing schedule, inspection dates etc. Material readiness shall be ensured on the date of visit by inspector. 5. One original + two copies of quality documents as called for in the QP / PO shall be sent to OS, BHEL Piping Centre immediately after the dispatch of Items. All the quality documents are to be submitted in soft copy (in CD format) also apart from hard copy.	
14	<u>Reverse Auction</u> Opening of Part II bid may be thru Sealed Price Bid Opening or Reverse Auction. Modality of Part II opening will be decided after Techno-Commercial scrutiny of the offers. Bidder shall confirm acceptance for participation in Reverse Auction (refer Annexure A for details). If not confirming for participation in RA, bid submitted is liable for rejection in the event BHEL decides to proceed with Reverse Auction for price finalization of the tender.	
15	<u>Evaluation and ordering</u> 1. Price Bids of only PQR and Techno-Commercially qualified bidders will only be opened. 2. Evaluation and ordering will be on package basis for each Package 1 and 2. Bidders quoting for part items of the package will not be considered. 3. Item wise breakup against each package (Rs / MT) shall be provided by the L1 bidder after price finalization. 4. 100% ordering will be done on package wise L1 bidder as per price breakup (Rate / MT) provided by L1 bidder. Mandatory tender condition. If deviation is taken, bid will be rejected.	
16	<u>Terms of delivery</u> 'FOR' IOCL Haldia project site basis on door delivery CC attached basis. Dispatch shall be made as per dispatch instructions from BHEL Piping Centre. Mandatory tender condition. If deviation is taken, bid will be rejected.	
17	<u>Delivery schedule</u> 4 months from LOI / PO date. Mandatory tender condition. If deviation is taken, bid will be rejected.	

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18	<u>LD clause</u> “0.5% of full PO value per week of delay subject to a maximum of 10% of full PO value”. For the purpose of LD calculation, LR date will be reckoned as the delivery date. Mandatory tender condition. If deviation is taken, bid will be rejected.	
19	<u>Bid validity</u> Bid validity shall be 3 months from the date of Part I opening and price validity for ordering will be 90 days from date of price bid opening / Reverse Auction. Mandatory tender condition. If deviation is taken, bid will be rejected.	
20	<u>Material guarantee</u> 1. Bidders shall guarantee the supplies for a period of 24 months from the date of dispatch of materials or 18 months from the date of their commissioning whichever is earlier. To this effect, a guarantee certificate shall be sent along with the dispatch documents. 2. Material shall be guaranteed against manufacturing defects or faulty workmanship for a period of 24 months from the date of receipt of all the PO items at project site. Any defect noticed during this period shall be repaired / replaced free of cost, to the satisfaction of BHEL and the End User. Deviation in this regard shall not be accepted.	
21	<u>Performance Bank Guarantee</u> Bank Guarantee for 2% of the PO value shall be submitted valid up to the end of guarantee period. Performance BG shall be submitted along with invoice submission. Mandatory tender condition. If deviation is taken, bid will be rejected.	
22	<u>Cancellation / termination of contract, default / breach of contract and risk purchase</u> As per BHEL's Standard Cost and Risk clause indicated in Annexure A enclosed. By submitting the bid, vendor explicitly accepts to BHEL's requirement. Bids deviating from BHEL's standard condition will be rejected.	
23	<u>Make in India preference for the Enquiry</u> If Make in India preference is applicable as per Annexure A to NIT, declaration format as per NIT shall be submitted. In the event of non-submission of declaration, purchase preference will not be extended to bidders.	
24	<u>MSE preferences for the Enquiry</u> If MSE preference is applicable as per Annexure A to NIT, supporting documents as per NIT shall be submitted. In the event of non-submission of supporting documents, purchase preference will not be extended to bidders.	

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25	<u>Payment term and Payment documents</u> 90% payment after 60 days on receipt of materials at site against each invoice and site acknowledged LR and balance 10% on full PO completion". However, for MSE vendors, payment will be made as per MSMED act 2006. Payment shall be made against presentation of following documents to BHEL's Finance department. However, a copy of Invoice and LR shall be sent to Outsourcing department immediately after the dispatch is effected. • GST invoice in triplicate. • Delivery Challan in triplicate. • Site acknowledged Lorry Way Bill (Original + Two Copies). • Quality documents (as per approved QP / PO) in CD. • Performance BG for 2% of PO value. Soft copy of Invoice and LR should be sent immediately after dispatch by mail to OS or shall be uploaded in Vendor information system of BHEL. Hard copy should be sent subsequently within two weeks. Payment shall be processed only after receipt of site acknowledgement. Mandatory tender condition. If deviation is taken, bid will be rejected.	
26	<u>General note</u> 1. All other terms and conditions other than those indicated above shall be as per Annexure A- General Terms and Conditions enclosed. 2. Any disparity to terms indicated above, Annexure A and bidders offer, only the agreed terms and conditions above / Annexure shall stand valid. Bidders terms and conditions which are in conflict will be ignored and will not be taken into consideration by BHEL. 3. PO copy with all details will be given to successful bidders in soft mode also. 4. Acknowledgement for receipt of PO shall be sent within one week from the date of receipt. 5. BHEL reserves the right to cancel this tender without assigning any reasons what so ever. 6. Deviation taken after placement of order will not be accepted (Both technical as well as on delivery). 7. Suppliers to analyze in detail, at the time of submission of offer with reference to our "delivery" requirement of item and confirm compliance. 8. Lowest prices received against BHEL tenders does not mean order will be placed on that Supplier. BHEL reserves the right not to consider the same. 9. BHEL reserves the right to negotiate or re-float the tender opened if L1 price / or other details are not acceptable to them. 10. For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidders works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified. 11. In the event of newly approved vendor becoming the successful bidder, manufacturing process of first lot of Pipes from raw material stage to end product shall be witnessed by BHEL inspection. Balance PO quantity can be taken up for manufacture only after inspection and clearance of the first lot by BHEL. BHEL reserves the right to cancel the order if the trial quantity is not meeting our requirement.	

Note- Please confirm your acceptance / other wise to all the points indicated above positively and submit duly filled, signed & stamped checklist along with Part I bid.