



NATIONAL FERTILIZERS LIMITED

(A Govt. of India Undertaking)

Naya Nangal(Punjab)-140126 India

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Technical Specification

NFL Nangal Case Ref. No.					SPX/2024/116	
Quotation No. & Date						
Name of Bidder:						
Vendor's Complete Address :						
Vendor's Contact Details: Vendor may furnish E-Mail Id, Telephone / Mobile No. etc. along with complete Name & Address details of the firm for Clarifications / Placement of Order.						
Sr. No.	NFL Requirement				Vendors Comment (Agreed / If not Agreed, Please Comment)	
	Sr. No.	Material Code	Description of Material	UOM	Qty. Required	
1	i.	7460603	Manufacturing, Testing & Supply of Stainless Steel Cladded/Overlay Tube sheet for Heat Exchanger(HE-2B) As per NFL Drawing No. NG-299 Service: Urea Carbamate (70kg/cm2) Material of Construction: Carbon Steel Part: ASTM A 105 Stainless Steel Part: SS316 with detailed Chemical composition below: Carbon: 0.05% max. Chromium: 16.5 to 17.5% Nickel: 11 to 14% Molybdenum: 2.5 to 3%.	No.	1.00	

	NOTE:	<p>1)-Material shall be manufactured under stage-wise Third party Inspection of M/s LRQA/TuV/BV/PDIL/EIL.</p> <p>2)-The scope of TPI shall include:</p> <p>a)-Review MTC for Raw material of forging as per ASTM A 105.</p> <p>b)- 100% witnessing Ultrasonic Testing of Forgings as per ASTM A435.</p> <p>c)- Witness of chemical composition of SS Cladding/Overlay as per NFL specified composition.</p> <p>d)- Ultrasonic testing for bonding strength, in case of weld overlay.</p> <p>e)- Review of Heat Treatment chart.</p> <p>f)- Visual & Dimensional inspection as per NFL Drawing after machining, drilling & Finishing.</p> <p>g)- Dye Penetrating test of Complete Tube sheet.</p> <p>3)-Party shall also submit all certificates & Inspection Release Note (in original) duly stamped by TPI along with supply.</p> <p>4)-. Party shall prepare inspection test plan (ITP) and get the same approved from NFL within 07 Days from the date of issue of Purchase order.</p>	
2	Eligibility Criteria	Bidders shall agree to the Eligibility Criteria (Attached for the Tender and shall upload necessary documents (duly numbered) mentioned in it. Any offer which not meeting the Eligibility Criteria shall be rejected during Technical Evaluation.	
3	Delivery Period after PO	Delivery schedule for Supply of finished, machined new tube sheet shall be 70 days. Offers of parties quoting delivery period more than 70 days shall not be considered for evaluation.	

Eligibility Criteria :-

Sr. no.	Eligibility Criteria	Supporting Documents required.
1.	<p>The bidder should have successfully executed PO/WO for “Similar item” with performance and completion certificate, during the last seven years ending last day of previous month in which NIT has been issued. Definition of “SIMILAR ITEM”</p> <p>Similar item means:</p> <p>Manufacturing & Supply of Heat Exchanger under third party inspection (i.e. M/s LRA/BVIS/TUV/PDIL/EIL with below mentioned minimum specifications: Tube sheet thickness: 100mm (Minimum) Tube sheet Diameter: 1200mm (Minimum)</p> <p>Material of construction of the tube sheet: CS/SS/CS+SS</p>	<p>The bidder shall submit a copy of Purchase/Work Orders + Performance/Completion certificate for at least one of the following</p> <p>Three similar completed works each costing not less than Rs. 20 Lacs (including taxes)</p> <p style="text-align: center;">OR</p> <p>Two similar completed works each costing not less than Rs. 25 Lacs (including taxes).</p> <p style="text-align: center;">OR</p> <p>One similar completed work costing not less than Rs. 40 Lacs (including taxes).</p> <p>Copies of Work orders/PO in support of the above with full technical scope of work & commercial details including work order/PO value along with the completion certificate from the concern organization indicating the executed value and date of completion.</p> <p>In case performance/completion certificate from concerned or end user is not available, Bidder can submit the same on their letter head mentioning name & address of the organization, completion date, contact person name& contact detail including email etc.</p>
2	<p>The bidder should be a manufacturer or authorized dealer of the manufacturer</p>	<p><u>In case of a Manufacturer</u> Bidder shall submit a copy of valid industrial license issued by statutory Authority or any other documentary proof being manufacturer issued by statutory authority / Govt Agency.</p> <p><u>In case of a Dealer</u> Bidder shall submit a valid copy of tender specific authorization letter from the manufacturer and a copy of valid industrial license of the manufacturer issued by statutory Authority or any other documentary proof issued by statutory authority / Govt Agency.</p>

3	<p>The average annual financial turnover of the bidder during the last three years ending 31.03.2023 should be not less than Rs.15.0 Lakhs.</p>	<p>Bidder shall submit audited Profit & Loss Accounts and Balance Sheets with UDIN for the last three financial years. i.e. 2022-23, 2021-22, 2020-21.</p> <p>In case the bidder do not fall under the ambit of statutory audit, and/or do not have audited Profit & Loss Accounts and Balance Sheets, then the bidder shall submit a statement indicating the average annual financial turnover during the last three years certified by the Statutory Auditor / practicing Chartered Accountant with UDIN as documentary evidence in support thereof.</p>
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