





TECHNICAL SPECIFICATIONS

NFL Nangal Case Ref. No.					SPX/2024/24
Quotation No. & Date					
Name of Bidder:					
Vendor's Complete Address :					
Vendor's Contact Details: Vendor may furnish E-Mail Id, Telephone / Mobile No. etc. alongwith complete Name & Address details of the firm for Clarifications / Placement of Order.					
Sr. No.	NFL Requirement				Vendors Comment
1	Sr. No.	Material Code	Description of Material	UOM	Qty. Required
	i.	7530009	MANUFACTURE, TESTING & SUPPLY OF SAFETY VALVES FOR STEAM DRUM OF BHEL MAKE BOILER (VU-40) TT-17/21, 54/36, 1/2, 40/18, 24/60 WITH FOLLOWING SPECIFICATIONS: FLUID: SATURATED STEAM REQUIRED CAPACITY: 41000 & 41500 KG/HR SET PRESSURE: 115 KG/CM ² (g) & 117 KG/ CM ² (g) RESPECTIVELY RELIEVING TEMP.: 320.6 DEG.C & 321.9 DEG. C RESPECTIVELY VALVE TYPE: OPEN YOKE, SPRING LOADED SYSTEM OPERATING PRESSURE:105 KG/ CM ² (g) SYSTEM OPERATING TEMPERATURE:315 DEG. C ALLOWABLE OVER PRESSURE:5% BLOWDOWN:2.5 -5% APPLICABLE CODE:IBR INLET SIZE & RATING:DIN 65 & NP 250 INLET STANDARD: DIN FLANGE INLET FLANGE FACING:RF INLET PCD:180MM OUTLET SIZE & RATING:4.0" & #300 OUTLET STANDARD:ASME B16.5 OUTLET FLANGE FACING:RF OUTLET PCD:240MM	No.	2.000
					(Agreed / If not Agreed, Please Comment)

ii.	7530010	<p>---DO--BUT</p> <p>SUPERHEATED STEAM HEADER OF BHEL MAKE BOILER (VU-40)</p> <p>TT-17/21, 54/36, 1/2, 40/18, 24/60</p> <p>WITH FOLLOWING SPECIFICATIONS:</p> <p>FLUID: SUPERHEATED STEAM REQUIRED CAPACITY: 25500 & 26000 KG/HR SET PRESSURE: 100 KG/CM² (g) & 102 KG/ CM² (g) RESPECTIVELY RELIEVING TEMP.:510 DEG. C VALVE TYPE: OPEN YOKE, SPRING LOADED SYSTEM OPERATING PRESSURE:92.9 KG/ CM² (g) SYSTEM DESIGN TEMPERATURE:550 DEG. C ALLOWABLE OVER PRESSURE:5% BLOWDOWN:2.5 -5% APPLICABLE CODE:IBR INLET SIZE & RATING:DIN 65 & NP 250 INLET STANDARD:DIN FLANGE INLET FLANGE FACING:RF INLET PCD:180MM OUTLET SIZE & RATING:4.0" & #300 OUTLET STANDARD:ASME B16.5 OUTLET FLANGE FACING:RF OUTLET PCD:240MM</p>	No.	2.000	
NOTE:		<ol style="list-style-type: none"> 1. Party shall furnish material compliance certificate in line with applicable standards. 2. Party shall furnish IBR form III-C along with supply of safety valves. 3. Party shall submit GAD for approval before manufacturing. 			

S. No.	Eligibility Criteria	Supporting Documents required
1.	The bidder should be a manufacturer or an authorised Dealer of the manufacturer	<p><u>In case of a Manufacturer:</u> Bidder shall submit a copy of valid industrial license issued by statutory Authority / Govt Agency.</p> <p><u>In case of a Dealer:</u> If the bidder is an authorised dealer of any manufacturer, tender specific authorisation certificate from the manufacturer is to be submitted</p>
2.	<p>The bidder should have supplied similar item during the last seven years ending last day of previous month in which NIT has been issued.</p> <p>Similar item means: Manufacturing, Testing and supply of Complete Safety Valve for steam Service under IBR code with below mentioned minimum specifications: MOC: ASTM A 217 Gr WC6 or higher</p>	<p>The bidder shall submit copies of Purchase Orders/ Contracts for at least one of the followings:</p> <p>Three completed PO's/ contracts for supply of similar items each costing not less than Rs. 4.50 Lacs including taxes</p> <p>OR</p> <p>Two completed PO's/ contracts for supply of similar items each costing not less than Rs. 5.625 Lacs including taxes</p> <p>OR</p>

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	STEAM PRESSURE: 100 kg/ cm ² of higher STEAM TEMP: 490 deg C or higher Size: 50 NB or higher	One completed PO/ Contract for supply of similar item costing not less than Rs. 9.00 Lacs including taxes.
3.	Bidder shall submit completion certificates against the submitted purchase orders/ contracts.	Completion Certificate against the PO/ Contracts submitted by the bidder as per point no. 2 above from the end user. In case party is not able to submit completion certificate from the End User, then party shall submit name & address of the customer and name, phone no. & email IDs of all the concerned persons of user plant. In such case decision of NFL on acceptance of bid will be final
4.	Average Annual financial turnover of the bidder during the last 3 years ending 31st March of the previous financial year should be at least Rs 6.75 lacs.	Bidder shall submit self-attested copies of Audited Balance Sheet and Profit & Loss A/c for the last three financial years ending on 31st March of the Previous financial year. (i.e., FY2020-21, 2021-22 & 2022-23) In case the bidder does not fall under the ambit of statutory audit, and do not have audited annual reports / audited Balance Sheets and Profit & Loss Statements, then bidder shall submit a turnover certificate duly certified by practicing Chartered Accountant with UDIN detail.