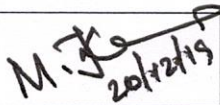
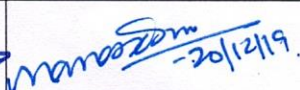


Sl. No	BHEL Requirements	Supplier Comments (Acceptance or otherwise for each point to be given)																
1.	Only Original Manufacturers/Mill (import or indigenous) need to respond this enquiry. Offer from traders/Stockist will not be considered. In case of foreign suppliers representing through their Indian/foreign agents, AGENCY AGREEMENT should be submitted, along with offer documents else offer is liable for rejection.																	
2.	All activities in manufacturing such as Steel making, casting/rolling/ Forging, UT testing (if applicable) & other testing (if applicable) shall be in house only. Outsourcing of any or part of the above process is not acceptable. Please confirm whether all the above is done in house or not.																	
Mandatory requirements (Supplier must submit the below mentioned documents along with technical Bid (Part-1 bid) or else offer will be liable for rejection).																		
3.	Details of the mill with production equipment & facilities.																	
4.	Process flow chart																	
5.	List of in house testing equipment's with calibration details (or) valid ISO 17025 certificate for Mechanical & Chemical testing.																	
6.	Copies of Past 3-year annual report (balance sheet, profit/loss statement) or from the date of incorporation whichever is less and GST certificate. (For indigenous vendor)																	
7.	Agency agreement (in case of Foreign or Indian agents)																	
8.	The import supplier shall submit latest D&B /Credit reform reports for both mill & principal. In case of Branch office / Liaison office in India bidding against this tender on behalf of their principal RBI clearance letter to be submitted.																	
9.	Valid ISO 9001 certificate.																	
10.	Supplier should have manufactured the quoted grades and supplied to any reputed customer, preferably for tube/pipe manufacturing. As proof of having manufactured and supplied the quoted grades, supplier shall submit MTC copy, unpriced PO copy, Bill of Lading copy etc. In case, the supplies in the quoted grades were of some other dia. i.e. other than dia. 200 mm, then proof for having manufactured rounds in dia. 200 mm (in any other grade) to be provided.																	
11.	Supplier should have manufactured the quoted grades and supplied to any reputed customer, preferably for tube/pipe manufacturing. As proof of having manufactured and supplied the quoted grades, supplier shall submit MTC copy, unpriced PO copy, Bill of Lading copy etc. In case, the supplies in the quoted grades were of some other dia. i.e. other than dia. 200 mm, then proof for having manufactured rounds in dia. 200 mm (in any other grade) to be provided.																	
12.	Creep test report for the quoted Alloy Steel grades as per the requirement mentioned below. The creep test requirement is given below, <table><tr><td>Specification/Grade</td><td>Test duration in Hrs.</td><td>Temp in ° C</td><td>Stress in MPa. (min.)</td></tr><tr><td>SA213 T11/T12</td><td>1000</td><td>550</td><td>140</td></tr><tr><td>SA213 T22</td><td>1000</td><td>550</td><td>160</td></tr><tr><td>SA213 T91/92</td><td>10,000</td><td>600</td><td>120</td></tr></table> The creep testing shall have been done in National Metallurgical Laboratory at Jamshedpur or BHEL Corporate R&D at Hyderabad for Indian manufacturers and Accredited laboratories for foreign manufacturers.	Specification/Grade	Test duration in Hrs.	Temp in ° C	Stress in MPa. (min.)	SA213 T11/T12	1000	550	140	SA213 T22	1000	550	160	SA213 T91/92	10,000	600	120	
Specification/Grade	Test duration in Hrs.	Temp in ° C	Stress in MPa. (min.)															
SA213 T11/T12	1000	550	140															
SA213 T22	1000	550	160															
SA213 T91/92	10,000	600	120															
13.	Acceptance to all the relevant clauses of TDC: BAR: GEN:CA:02 Rev 08 for the quoted grade. <u>Note: Deviation to TDC requirement is not acceptable.</u> As confirmation of acceptance to the TDC requirement, signed TDC copy (should be signed by Mill only) to be submitted along with the offer.																	
Additional details required (not mandatory and these shall be submitted additionally for establishing the credentials)																		
14.	1. Approval certificates issued by international agencies such as Lloyds, TUV etc. 2. Well known steel maker certificate issued by IBR. 3. List of customer name and quantum supplied in the past 3 years for this grade shall be submitted.																	

				
M.KANNAN	K.ATHIMOOLAM	S. MANOJI KUMAR	R. KALIAPPAN	K.MAHENDRAN
Senior Engineer	SDGM	Deputy Manager	AGM	AGM
TE,OP&C/SSTP	OP&C,TE,SFW,CMP/SSTP	QA&C/SSTP	QA&C/SSTP	Operations/SSTP