

Indent No.: 5000031760

Item: Round Bars of diameter from 50 to 160 mm

Pre-Qualification requirements for NiCr20TiAl (Alloy Nimonic 80A, material no. 2.4952) Bars as per BHEL specification HY13098 Rev.04.

Sl No	BHEL Terms	Vendors acceptance
1	Only Manufacturer's Offers will be considered for this Tender Enquiry.	
2	Vendor must have experience of manufacturing and supplying bars of material grade NiCr20TiAl (Alloy 80A). Vendor must have successfully executed at least two purchase orders in grade Alloy 80A or any other similar Nickel base alloys prior to issue of this NIT. Vendor to submit documentary evidences in support of their experience of manufacturing rounds of Nickel base alloys in the range of 50mm to 160mm bars by rolling process or any other alternate process with details such as Purchase Order that indicates name of Customer, quantity of order, etc. along with their test certificates that include the results/reports of all tests like Chemical, Mechanical & NDT etc. The issue date of test certificates pertaining to the Purchase orders shall not be older than 5 years from the date of issue of NIT.	
3	Vendor shall provide the list of the in-house facilities like melting, secondary refining (ESR/VIM/VAR), rolling / forging / extrusion, heat treatment etc. to manufacture round bars in the range of 50 to 160 mm as per BHEL specification HY13098 and enquiry size. In case of outsourcing of any of the above activities, vendor shall inform their sources with details of their sub supplier facilities and experience for Nimonic 80A or similar material grade along with their tie-up agreement.	
4	Vendor to furnish in house testing facilities for both destructive and nondestructive testing facilities to carry out testing as per the requirements of BHEL specification HY13098 Rev.04. In case of outsourcing of any test, vendor to confirm for carrying out testing at Government accredited labs only.	
5	Prior to dispatch of the material, Test Certificates (English language only) shall be send to BHEL for review and dispatch clearance by BHEL. The photographs of the material with the traceability/ marking and condition of the material before dispatch may be provided for dispatch clearance. Same clause shall be included in purchase order .	
6	For first time suppliers to BHEL Hyderabad, vendor to submit "Short Term Creep Rupture Test" reports for clearance before dispatch of material to BHEL.	
7	Vendor to confirm that they will manufacture and supply enquiry item as per BHEL enquiry specification HY13098 Rev 04.	