

N/2

Indent No.: 20202586

Material Code: W95414300798 & W95414300780

Pre-qualification requirement:

1. Vendor must have manufactured and supplied at least 3 winding support ring / retaining ring in material grade X8CrMnN1818K by hot forging + cold expansion process.
Out of these winding support ring / retaining rings, at least one ring of dimension of Inner Diameter: ≥ 500 mm, Height: ≥ 150 mm must have been manufactured and supplied by vendor.

In support of above, the vendor has to furnish details of 3 latest supplies in the following format:

Customer Name / Purchase Order details	Dimension (in mm)			Date of Supply
	Outer Diameter	Inner Diameter	Height	

From the above experience list, at least one test certificate of winding support ring / retaining ring of dimension with Inner Diameter: ≥ 500 mm, Height: ≥ 150 mm is to be submitted. Test certificates shall cover chemical composition, mechanical properties, dimensional report, non-destructive test report etc.

2. (a) Vendor must have in-house forging, heat treatment and cold expansion facility to manufacture winding support ring / retaining ring of material grade X8CrMnN1818K of drawing dimension. winding support ring has to be manufactured by forging plus cold expansion process. Details of above in-house manufacturing facilities are to be submitted with offer.
Any other process of manufacturing is not acceptable. Outsourcing of any of the above process is not acceptable.
(b) **Electro slag re-melted steel shall be used.** Vendor has to provide details of in-house melting including Electro Slag Re-melting facility.
In case in-house steel melting facility not available, vendor to provide details of steel supplier with their manufacturing facility including ESR and experience for material grade X8CrMnN1818K. At least one mill test certificate of steel manufacturer for material grade X8CrMnN1818K is to be submitted in support of experience.
3. Details of in house testing facilities are to be submitted with offer. In case of outsourcing, testing shall be done by national/international accredited lab.
4. Vendor to confirm supply shall be as per BHEL enquiry drawing and specification. Deviation from enquiry drawing and specification is not acceptable.