

Indent No.	20211492
Material Code	W95413601166, W95413600488, W94413600274, W95413600852, W95413600569 W95413600194, W94413600550, W95413600909

Pre-qualification requirement:

1. Vendor must have manufactured and supplied at least 3 Retaining Ring / Winding Support Ring in material grade X8CrMnN1818K by hot forging + cold expansion process.
Out of these Retaining Rings / Winding Support Ring, at least one retaining ring of dimension of Inner Diameter: ≥ 800 mm, Height: ≥ 500 mm must have been manufactured and supplied by vendor in last 7 years from date of enquiry.

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, test certificate of at least one Retaining ring / Winding Support ring of dimension with Inner Diameter: ≥ 800 mm, Height: ≥ 500 mm is to be submitted.

Test certificates shall cover chemical composition, mechanical properties and dimensional report.

2. (a) Vendor must have in-house forging and cold expansion facility to manufacture Retaining ring of material grade X8CrMnN1818K of drawing dimension.

Retaining ring has to be manufactured by forging plus cold expansion process. Any other process of manufacturing is not acceptable. Outsourcing of any of the above process is not acceptable.

Details of above in-house manufacturing facilities are to be submitted with offer.

- (b) **Electro slag re-melted steel shall be used.**

Vendor to provide details of in-house steel melting facility including Electro Slag Re-melting facility, if available.

In case in-house steel melting facility not available, vendor to submit details of steel supplier with their manufacturing facility including ESR facility and past experience for manufacturing material grade X8CrMnN1818K.

3. Vendor to confirm that they have in house testing facilities as per the requirement of enquiry specification.

In case of outsourcing of any test, vendor to agree for testing at Government / International agency (like ISO, TUV etc) accredited lab only.

4. Vendor to confirm supply shall be as per BHEL enquiry drawing and specification without any deviation.

DGM/PPX-EM

Ashish Ranjan 20/9/2021
(Ashish Ranjan)
DGM/MTE