

To: Potential bidders

Date: 01 December 2023
Subject: Request for Information

Dear Madam/Sir,

The ITER Organization (IO) intends to launch a procurement competition for the provision of the following **Neutral Beam Sealing Bolts (NBSB)** to be delivered to the IO site and to be used on NB Flange Sealing System:

- NBV (Neutral Beam Vessels) Sealing Bolts
- NB FEC (Front End Component) Sealing Bolts.

These bolts ensure the compression of double Metallic seals (HELICOFLEX[®]) and shall meet all the RCCM-MR criteria defined in RB 3282 as Preloaded bolted assemblies maintaining leak tightness. The material of the bolts shall be in accordance with standard EN 10269:2013 plus requirements of product procurement specification RM 3300 of RCC-MR 2007.

In this regard, we would like to request information in order to help us better define the procurement specifications and to measure the market availability to:

- *manufacture, supply and deliver the required bolts according to current materials requirements defined in the technical specification document ITER_D_8CHNJ9 attached.*

or/and

- *propose an alternative solution that fulfil the material, design and analysis requirements defined in the technical specification document ITER_D_8CHNJ9.*

We will highly appreciate if you could answer to the questions in the attachment and return it to the Procurement Officer in charge by email by **December 12, 2023**.

The IO may invite you to follow up remote meetings after receiving your responses to this Request for Information.

Yours faithfully,



Mack STANLEY
Head of Procurement Division

Mr. Mack STANLEY
Head of Procurement Division