**QUESTIONNAIRE**

**MARKET SURVEY**

**Supply of Lot 2 Specialty Valve (ARC: Automatic Recirculation Valve)**

We invite all potential companies, institutions or entities from ITER Member States to participate in this Market Survey by returning a completed questionnaire **no later than 6 November 2024 EOB time** , to the Procurement Officer in charge to the following email address [yao.wu@iter.org](mailto:yao.wu@iter.org) in cc to [jingyu.gao@iter.org](mailto:jingyu.gao@iter.org).

This will help the IO in preparing a better overall package if we decide to tender this work.

The answers to the questions are not binding and are for information only.

# General Information

***Company Name***:

***Address***:

***Years in Operation:***

***Primary Industry Focus:***

## Representatives to be contacted:

|  |  |  |  |
| --- | --- | --- | --- |
| ***Contact person*** | ***Name + Title*** | ***Email address*** | ***Telephone*** |
| ***Commercial Matters:*** |  |  |  |
|  |  |  |  |
| ***Technical Matters:*** |  |  |  |
|  |  |  |  |

# Questions

## Have your ever Designed and manufactured ARC: Automatic Recirculation Valves before? If Yes, please to mention a few reference projects and client name which were undertaken by your company.

***YES***

***NO***

Please provide a list of project/s and the technical conceptual brief of your ARC valve:

## Having reviewed the attached technical specifications (ref. YWDX46\_v1\_4) as a reference, do you identify any blocking points for the design and manufacture? If yes, could you specify?

***YES***

***NO***

Please provide a list of deviations:

## The schedule for the procurement of the ARC Valves will have to be respected imperatively. This entails:

##### ***Contract signature at the end of 2024;***

##### ***Delivery lead time of ARC valve 24 months after contract signed.***

##### ***DAP ITER Site (INCOTERMS)***

***Do you see any blocking point in this schedule, if Yes, could you do specify your own proposal delivery lead time with an explanation as to why the IO proposed schedule is not feasible?***

***YES***

***NO***

Please provide your own valve delivery lead time and schedule:

## This question is about the raw material chemical composition limits. Do you meet below chemical composition of raw material? If No, please specify deviation of chemical composition.

***- Co 0.20% Max***

***- Ta 0.05% Max***

***- Nb 0.10 Max***

***- In case of welding rods, Co and Boron 0.0018 wt % Max content shall be stipulated in mill certificate. (EN10204 3.1 type)***

***YES***

***NO***

Please provide major deviations of chemical composition:

## Do you have your own PED Certificate (Pressure Equipment Directive 2014/68/EU)? If yes, could you inform us of your type of module with description of pressure equipment items and Notified Body Name?

***YES***

***NO***

Please inform PED certificate module and description of items and Notified Body name:

## Do you have experience of ESPN French regulation application of your valve design and manufacturing?

***YES***

***NO***

Please specify your experience:

## In addition to above 2.6, it shall be guaranteed that the valves are qualified to irradiation qualification as Min. 8 MGy. Could you meet this criteria?

***YES***

***NO***

Please specify if your answer is NO:

## In addition to above 2.6, it shall be guaranteed that the valves are seismic qualified to 4.5g acceleration in every direction. Could you meet this criteria?

***YES***

***NO***

Please specify your limitataions if your answer is NO:

## The valve internal leakage shall comply with Rate C of EN12266-1, the external leakage of stem, bonnet and flange (when applicable) shall comply with EN15848-1 & EN13555 Bh+L0.001+L0.01. could you meet this criteria?

***YES***

***NO***

Please specify your limitations if your answer is NO:

## Could you provide ARC valve + Counter Flanges set (Flanges, Gaskets and Fasteners) as well?

***YES***

***NO***

If NO, please to specify specific reasons:

## Are you interested in applying for the Tender Process for the procurement of the Specialty Valve (ARC: Automatic Recirculation Valve)? IF yes, how much time do you need to prepare and be able to submit both technical and commercial offer?

***YES***

***NO***

Please provide your estimated time to submit the technical and commercial offer:

## Do you wish to communicate any points of concern or would like to add anything over and above the answers previously provided?

***YES***

***NO***

Please provide a brief answer if deemed needed: