



MARKET SURVEY TECHNICAL QUESTIONNAIRE

REF. IO/MSY/22/LCB/ADC

SUPPLY OF CRYOSTAT LOWER CELL BELLOWS

Firms interested in participating to this market survey shall return a completed questionnaire to the following email address aurelie.dubuc@iter.org, no later than 27/04/2022.

Please note that this is not a Call for Nomination request. At this moment, the ITER Organization (IO) is preparing a procurement strategy for this project.

For all questions in the document, please refer to the ITER Market Survey Technical Requirements ref. ITER_D_7HLGYL version v1.1.

1. General information about the Company / Institute compiling the questionnaire

china

Company Name:

eu

Persons to be contacted:

india

Contact person	Name + Title	Email address	Telephone
<u>Commercial Matters:</u>			+
<u>Technical Matters:</u>			+

japan

korea

russia

usa

Main activities

Main activities	Description
1.	
2.	
3.	
.....	

Turnover

Contact person	Turnover 2019	Turnover 2020	Turnover 2021	Number of employees
All activities				
<u>In the field of Rectangular Bellows</u>				

2. Technical Competence and Experience

2.1 Design of rectangular bellows

Do you have capacity and experience to design large multiply rectangular bellows as per EJMA?

YES

NO

If YES, please provide overview:

.....
.....
.....

2.2 Design of rectangular bellows

Do you have capacity and experience to design large multiply rectangular bellows by means of Finite Element Analysis as per ASME code?

YES

NO

If YES, please provide overview:

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.....
.....

2.3 Manufacture Experience

Have you ever produced the large multiply rectangular bellows (at least $\geq 2m$ for height and width)?

YES

NO

If YES, please provide overview:

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.....
.....

2.4 Manufacture procedure

Do you have qualified means to produce large multiply rectangular bellows with only one longitudinal welding seam per ply on the straight part and without any circumferential welds on the convolution?

YES

NO

If YES, please provide overview:

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.....
.....

2.5 Manufacturing equipment

Do you have qualified manufacture equipment for convolution forming (excluding single rolling or punching method) for large multiply rectangular bellows?

YES

NO

If YES, please provide overview:

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.....

2.6 Qualification test

Have you ever perform the qualification test (pressure test, fatigue test, spring rate test and so on as per EJMA code) for large multiply rectangular bellows?

YES

NO

If YES, please provide overview:

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.....
.....

2.7 Challenges and Capabilities.

Do you see technical difficulties in the scope of this supply like design, qualification...?

YES

NO

If YES, please identify the main challenges:

.....
.....

ITER RESTRICTED

.....

2.8 Challenges and Capabilities.

Does your company have capabilities to design and manufacture large multiply rectangular bellows in your own premises?

YES

NO

If NO, please clarify your sub-contractors:

.....

3. General Questions

Please indicate any other information that may be relevant for this Market Survey.

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4. Quality Assurance

Are you certified ISO 9001 or equivalent?

YES

NO

Please specify your certifications.

<i>QA Certifications</i>	<i>Comments</i>	<i>Validity Period</i>

Signature:

COMPANY STAMP

Name:

Position:

Tel:

Date: