



ITER-India
(Institute For Plasma Research)



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Title	EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project” EOI No.: I-I/EOI/CWS-VALVES/PQ-03/2022-23
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ITER-India, Institute for Plasma Research
Block A, Sangath Skyz, Bhat-Motera Road, Koteswar,
Ahmedabad 380005, Gujarat, India





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1. Instructions to Bidders

1.1 Instructions and Information to the Bidders

This EOI document has been prepared for the pre-qualification of Bidders to participate in the tender titled ‘Supply of safety important pneumatic butterfly valves to ITER project’. In order to be considered for the pre-qualification, the Bidder should follow the instructions specified below

- i. Bidders should carefully read the contents of this pre-qualification document and provide required information with sufficient details so that the capabilities of the applicant Bidder can be assessed fully.
- ii. EOI Documents are available on ITER-India web site <https://www.iterindia.in/tenders> under “Opportunities for Industry/ITER India Tenders” menu select Public/Global Tender option for download. Alternatively, EOI documents in hardcopy form can also be obtained directly (in person/by post) from the Sr. Officer (Purchase & Stores), ITER-India. The hard copy of Tender documents in this mode shall be issued up to **28-04-2023**. **Bidders can submit registration form for Scope Appraisal meeting as per Annexure-1 through email (purchase@iterindia.in) on or before 10th April 2023.** ITER-India will hold scope Appraisal meeting with interested bidders via on-line mode through MS Teams/off-line at ITER-India, Institute for Plasma Research, Block-A, Sangath Skyz, Bhat-Motera Road, Koteswar, Ahmedabad – 380005, Gujarat on **12th April 2023** – Time 10 am to 11:30 am to give explanation about the project, pre-qualification process and requirements. Link for on-line meeting will be shared with the registered bidders and information for same will be uploaded on our website. Clarifications required by Bidders will be addressed in the same meeting. The participating Bidders in the Scope Appraisal Meeting (SAM) will inform ITER-India about their queries latest by **10th April 2023**
- iii. Bidders should complete the questionnaire and provide the required information, as given in prescribed formats. **Application and supporting documents for pre-qualification must be submitted by hand, by post or by courier so as to reach the Sr. Officer (Purchase & Stores), ITER-India, Institute for Plasma Research, Block-A, Sangath Skyz, Bhat-Motera Road, Koteswar, Ahmedabad – 380005 by 13.00 hrs. (Indian Standard Time) on 3rd May 2023.**
- iv. Late or delayed applications will not be considered.
- v. Delay due to late delivery of mail is the sole responsibility of the applicant Bidder.
- vi. All documents shall be in English Language.
- vii. All documents and other information supplied by ITER-India, and submitted by the Bidder to ITER-India shall remain or become the property of ITER-India. Applicants must treat all information provided by ITER-India as strictly confidential. Bidder should not copy any part of the document or figures to use for any other purposes. ITER-India will not return any pre-qualification documents submitted by the bidders
- viii. All costs incurred by an applicant Bidder towards Scope Appraisal Meet and preparing the documents shall be borne by the applicant Bidder, and ITER-India is not liable for such costs.
- ix. Submittals will be assessed to ascertain that the Bidder possesses the experience and has technical as well as financial capability to carry out the scope of the tender.
- x. Bidders will not be considered as pre-qualified, if they have a poor performance record such as: abandoning of works, not properly completing contracts, inordinate delays in completing contracts; adverse litigation history, poor quality of works, financial failure, etc. ITER-India reserves the right to approach past clients of the applicant Bidders to confirm the claims of the bidders.



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- xi. The information provided in this document is indicative and preliminary only. Firm and detailed information, specifications, scope of supply & work applicable terms and conditions will be provided in the tender document. The tender document will be issued only to the pre-qualified bidders.
- xii. In the event of a conflict between documents submitted by the applicant Bidder, the material contained in the original set only will prevail.
- xiii. Bidders will not be considered for pre-qualification, if they make misleading or false representations in statements, attachments and questionnaire submitted as proof of the qualification requirements.
- xiv. Bidders applying for pre-qualification should note that this pre-qualification enquiry and questionnaire are intended to provide preliminary information. The information contained herein shall not in any-way be construed as binding on ITER-India.
- xv. ITER-India reserves the right not to proceed with the pre-qualification procedure at any time without notice or liability.
- xvi. ITER-India will notify successful pre-qualified Bidders and also intimate bidders who are not pre-qualified with reasons for such disqualification. It should be noted however, that ITER-India will not discuss any aspect of the evaluation process.
- xvii. Bidders are advised that ITER-India will not respond to enquiries or enter into communication concerning or relating to the selection process or to the pre-qualification procedure as otherwise described in the pre-qualification document.
- xviii. ITER-India may ask the Bidders any further information or clarification in writing for review of pre-qualification proof submitted by the bidders.
- xix. Bidders will not be required to submit on their own, additional information or material subsequent to the date of submission and such material if submitted will be disregarded. General responses such as “included in brochure” without specific item reference and information without summaries are unlikely to achieve high assessment. It is essential that all pages of the submission should be uniquely numbered and used to cross reference the supporting documents.
- xx. The Bidder shall ensure that all the documents submitted are duly stamped, signed and numbered serially. Bidders must ensure that only relevant documents are attached with the bid/offer. The tender/bid must contain the name, designation and place of business of the person or persons submitting the bid.
- xxi. Fraud and Corruption – ITER-India, IPR requires that the Bidders engaged through this process must observe the highest standards of ethics during the performance and execution of the awarded project(s). The following terms apply in this context: ITER-India, IPR will reject the application for empanelment, if the applicant recommended for empanelment, has been determined by ITER-India, IPR to having been engaged in corrupt, fraudulent, unfair trade practices, coercive or collusive. These terms are defined as follows: (a) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of ITER-India, IPR or any personnel during the tenure of empanelment. (b) "Fraudulent practice" means a misrepresentation of facts, in order to influence a procurement process or the execution of a contract, to ITER-India, IPR, and includes collusive practice among Bidders (prior to or after Proposal submission) designed to establish proposal prices at artificially high or non-competitive levels and to deprive ITER-India, IPR of the benefits of free and open competition. (c) “Unfair trade practices” means supply of services different from what is ordered on, or change in the Scope of Work which was agreed to. (d) “Coercive practices” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation during the period of empanelment. (e) “Collusive practices” means a scheme or arrangement between two or more Bidders with or without the knowledge of the ITER-India, IPR, designed to establish prices at artificial, non-competitive levels; ITER-India, IPR will reject an application for award, if it determines that the bidder recommended for award has, directly or through



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an agent, engaged in corrupt, fraudulent, unfair trade, coercive or collusive practices in competing for any assigned project during the tender/contract execution.

- xxii. The Project Director, ITER-India reserves the right of selection or rejection of any or all Bidders.
- xxiii. Submissions of EOI documents in hard copy along with **Annexure-6** and documents for compliance to Essential Eligibility Criteria (EEC) shall be made in two sets of documents comprising one 'Original' set and one 'Copy' and a soft copy in pen drive/CD latest by 1:00 pm on **3rd May 2023**. Submissions should be addressed to,

Senior Officer (Purchase & Stores)
ITER-India, Institute for Plasma Research,
Block- A, Sangath Skyz, Bhat-Motera Road,
Koteshwar, Ahmedabad 380 005, Gujarat, India
Tel: + 91-79-2326 9656/9529
E-mail: purchase@iterindia.in

The opening of EoI documents at 2:30 pm on 3rd May 2023 at the above address only will be in front of attending bidders. Bidders who wish to participate in the opening of EOI documents may depute their representatives (at their own cost) to ITER-India on the specified date and time. Those who are attending the EOI opening should produce an authorization letter, failing which he/she may not be allowed to participate in the tender opening.


- xxiv. All envelopes shall be titled: **“EOI No. I I-I/EOI/CWS-VALVES/PQ-03/2022-23 dated 31st March 2023 for Supply of safety important pneumatic butterfly valves to ITER project”** and clearly marked in English with following information:

Name of Applicant Bidder :
Name of Contact Person :
Contact Number (Tel, E-mail) :
Copy Number (i.e. Original or Copy) :

1.2 Tender Fee & EMD

- a) **Tender Fee: No tender fee is applicable for this tender**
- b) **Earnest Money Deposit (EMD):** Bids must be submitted along with Earnest Money Deposit (EMD) for **INR 10,00,000.00 (Indian Rupees Ten Lakh only)** by a Demand Draft or through RTGS or through NEFT (National Electronic Funds Transfer) as per the details mentioned below.
- c) The DD shall be drawn in favour of **Institute for Plasma Research A/c ITER-India** and payable at Ahmedabad, INDIA. Bidder's name and tender number shall be indicated on the reverse side of the Demand Draft. The DD shall be drawn from State Bank of India (SBI) or from any of the Nationalized banks or one of the banks namely ICICI Bank, IDBI Bank, HDFC Bank and AXIS Bank. The original DD must reach to the Senior Purchase Officer on or before the due date and time for bid submission. Demand Draft (DD) should not be prior dated to the date of advertisement.
- d) EMD can be submitted through RTGS (Real Time Gross Settlement)/ NEFT (National Electronic Fund Transfer) by bidders **prior to bid submission due date**. The proof of the RTGS/ NEFT shall be submitted in Cover-1 of the bid document as per section: 2. All charges for DD/RTGS/ NEFT shall be borne by the bidder.
- e) Bank details of ITER-India for **RTGS/NEFT** are as mentioned below:

Beneficiary Name - Institute for Plasma Research A/c ITER-India
A/c No. 30360884053
State Bank of India
IPR Bhat Branch, Gandhinagar-382428

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IFS Code : SBIN0010864

MICR : 380002096

- f) EMD of unsuccessful bidder(s) will be returned, without any interest, latest within 01 year from due date of bid submission (currently 3rd May 2023) or at stage of selection of lowest bidder from technically qualified bidders against the tender issued based on this EOI, whichever is earlier.
- g) EMD of successful bidder, to whom contract is awarded, will be returned, without any interest, within thirty days after submission security deposit as per contract terms. The bidder shall submit along with Part-A (Techno-Commercial Part) of the bid their account details, IFSC code, the name & address of his bankers and copy of cancelled cheque for refund of EMD and payment as applicable.
- h) The EMD shall be forfeited if the bidder withdraws or amends or impairs or derogates from the submitted tender in any respect within the period of bid validity.
- i) EMD shall be submitted by all bidders along with their bid document except Micro and Small Enterprises (MSEs) defined in MSE Procurement Policy issued by Department of Micro, Small or Medium Enterprises (MSME) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) & such bidders furnishing proof of valid registration certificate or any other valid proof. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this exemption

1.3 Application of the valves

ITER Organization (Entity responsible for executing ITER Project) based at St. Paul lez Durance, Cadarache, France is the end user of the valves under narration in this EoI.

The objective of ITER is to demonstrate the scientific and technological feasibility of nuclear fusion energy for peaceful purposes. The seven ITER partners are China, European Union (host country), India, Japan, South Korea, Russia and United States of America. Most details about ITER Project can be found on <http://www.iter.org>.

As part of the commitment to ITER Project, ITER-India intends to procure and supply these air-operated valves to ITER Project for demineralized water application of cooling water system.

The valves are either ‘ON-OFF type used for positive flow isolation’ or ‘modulating type used for process flow control’. All of these valves have confinement function too and therefore these valves should remain intact to keep their safety functions before and after accidental events. The main function of these valves is to control and isolate system water flow to primary heat exchangers. These valves provide means to restore last nuclear confinement barrier (confine ACPs and tritium).

1.4 Importance of pre-qualification

The design of the piping and piping supports in the valve room is being carried out by ITER Organization (IO) currently. Because of space constraints, the valves with standard design & dimensions may not fit in the locations. Hence the interactions will be required between the pre-qualified suppliers and ITER-India in the finalization of the best suited design of the valves and the actuators. The design and the finalization of the valve procurement specifications will progress simultaneously to achieve the best optimized design and layout within the constraints. Accordingly, in such process, the technical details of the valves would be required from the pre-qualified suppliers to support the design activities and the pre-qualified suppliers are required to share



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details. Further, the pre-qualified suppliers are required to involve in the technical discussions leading to the finalization of procurement specification. The specifications in this document are preliminary and will be finalized at the completion of design and the final procurement specifications will be issued to the pre-qualified suppliers as part of tender document.

The pre-qualified suppliers are required to support ITER-India in the finalization of procurement specifications without any cost to ITER-India.

2. Pre-Qualification Process

The steps involved in the process of pre-qualification are as follows.

Step-I: “Expression of Interest” is published nationally.

Step-II: ITER-India will hold Scope Appraisal meeting with the interested bidders to make the bidder understand the project, pre-qualification requirements and any clarifications desired by Bidders. This will be an interactive meeting where Bidders may also highlight the issues they feel necessary during their presentation and can make innovative suggestion for the project.

Step-III: Bidders submit ‘Response to EOI’ as per the pre-qualification requirement to ITER-India. The documents and information must be in the format asked for.

Step-IV: Expert committee of ITER-India evaluate the ‘Response to EOI’ submitted by Bidders against the pre-qualification requirements. If it becomes necessary to seek clarifications from the bidders regarding EEC, questionnaire and any other terms and conditions, the same will be sought through email from the bidders. In such an event, the bidder will furnish all the required clarification to the Sr. Officer (Purchase & Stores), ITER-India, on or before the date fixed for submission of such clarifications, by ITER-India. If the clarifications sought for, are not received through email before the due date, such pre-qualification documents are liable to be rejected without any further notice. Purchaser shall not bear the responsibility of delay in receipt of required clarification(s). Evaluation may involve, visiting the bidder’s workplace and visiting similar projects carried out by the bidder in the earlier contracts.


Step-V: ITER-India declares the pre-qualified bidders and informs in writing to the qualified Bidders and dis-qualified bidders, based on the expert committee recommendations

2.1 Schedule for pre-qualification

The tentative schedule for the pre-qualification process is presented in table-1 below.

Table 1: Schedule for pre-qualification

Sr. No.	Activity	Schedule
1	Expression of Interest is published nationally	31 st March 2023

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2	ITER-India will hold Scope Appraisal meeting with the interested bidders	12 th April 2023
3	Bidders submit documents as per the pre-qualification requirement to ITER-India	Latest by 1:00 pm on 3 rd May 2023
4	Opening of EoI documents in front of attending bidders	2:30 pm on 3 rd May 2023
5	Declaration of qualified Bidders by ITER-India	Will be informed

NOTE:

If there is any change in the above specified dates, the same will be intimated to the participating bidders by ITER-India.

2.2 Pre-Qualification Criteria/Essential Eligibility Criteria (EEC)

The Bidder applying for pre-qualification against the EOI advertisement (vide EOI No.: I-I/EOI/CWS-VALVES/PQ-03/2022-23) must satisfy the following EEC. **Those who do not meet/ satisfy the Essential Eligibility Criteria need not submit bids.** All required evidences as per below table-2 in prescribed format (as applicable) needs to be submitted by the bidder in their bid document. The Bidder who intend to participate shall be a SINGLE ENTITY and shall meet the following essential eligibility criteria.

Technical / Professional Capacity, Competency and Experience

The technical essential eligibility criteria are listed in table-2 below

Table 2: Technical essential eligibility criteria

Sr. No.	Criteria	Evidences to be submitted
1	The Bidder shall be a manufacturer of valves, supplied to nuclear facilities in the past seven years from the date of publication of this EoI	Registration certificate
2	The Bidder shall have supplied butterfly valves of DN 200 or larger sizes with pressure class 600# or higher in the past seven years from the date of publication of this EoI	Copy of PO/ contract (along with Schedule of Quantities) and Work completion certificate issued by the client /invoice
3	The Bidder shall have supplied air-operated butterfly valves of DN 500 or larger in the past seven years from the date of publication of this EoI	Copy of PO/ contract (along with Schedule of Quantities) and Work completion certificate issued by the client /invoice
4	The Bidder shall have supplied seismically designed valves in the past seven years from the date of publication of this EoI	Copy of PO/ contract (along with Schedule of Quantities) and Work completion certificate issued by the client /invoice
5	The Bidder shall have ISO 9001:2015 certification.	Valid ISO Certificate



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Financial criteria

The financial essential eligibility criteria are listed in table-3 below

Table 3: Financial essential eligibility criteria

Sr. No.	Criteria	Evidences to be submitted
1	Bidder shall have minimum average annual turnover of Rs.20 cr. in any 3 (Three) financial years during the last 5 (Five) years ending 31 st March, 2022 i.e. FY2017-2018, FY2018-2019, FY2019-2020, FY 2020-2021 and FY 2021-2022	Audited balance sheets of last 5 (Five) years ending 31 st March, 2022 (i.e. FY 2017-2018, FY 2018-2019, FY 2019-2020, FY 2020-2021 and FY 2021-2022) along with duly filled and signed Annexure-5 Financial Statement
2	The Bidder shall have executed single contract of minimum value of Rs.20 cr. in the last Seven years from the date of publication of this EoI OR The Bidder shall have executed two contracts of minimum value of Rs.10 cr. each in the last Seven years from the date of publication of this EoI	Copy of PO/ contract (along with Schedule of Quantities) and Work completion certificate issued by the client/invoice; Provide the TDS certificate/s - 26AS/16A of qualifying PO, if the qualifying PO was awarded by a private company


2.2.1 Preference to Make In India (MII): Preference shall be given to Class-I Local Supplier as defined in Public Procurement (Preference to Make In India) Order 2017, as amended from time to time and its subsequent orders/notifications issued by concerned Nodal Ministry for specific goods/products. The minimum local content to qualify as Class-I (minimum 50% currently) or Class-II Local Supplier (minimum 20% currently) is as per Government notification no. P-4501/2/2017-PP (BEII) dated 16.09.2020 issued by Ministry of Commerce & industry in this regard. Only Class-I Local Suppliers and Class-II Local Suppliers are eligible to bid for this enquiry. Non-Local Suppliers are not eligible to bid for this tender. Government notification no. P-4501/2/2017-PP (BEII) dated 16.09.2020 shall apply for this tender.

Class-I Local Suppliers and Class-II Local Suppliers will submit duly signed Self-certification under preference to Make in India order on their letter head as per **Annexure-7** along with the offer/bid failing which bid may not be considered for further evaluation.

2.2.2 Any bidder from a country that shares a land border with India¹, excluding countries as listed on the website of the Ministry of External Affairs², to which the Government of India has extended

¹<https://mea.gov.in/india-and-neighbours.htm>

²<http://meadashboard.gov.in/indicators/92>

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lines of credit or in which the Government of India is engaged in development projects (hereinafter called ‘Restricted Countries’) shall be eligible to bid in this tender only if Bidder is registered³ with the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Bidders shall enclose the certificate in this regard as per **Annexure 8**.

- 2.2.3 In Bids for Turnkey contracts, including Works contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from such Restricted Countries unless such contractor is similarly registered. In such cases, the bidders shall enclose the certificate as per **Annexure 8**.
- 2.2.4 If Bidder has proposed to sub-contract Services or incidental Goods directly/ indirectly from the vendors from such countries, such vendor shall be required to be registered with the Competent Authority. However, if Bidder procures raw material, components, and sub-assemblies from such countries' vendors, such vendors shall not require registration.
- 2.2.5 "Bidder from such Restricted Countries" means: -
- An entity incorporated, established, or registered in such a country; or
 - A subsidiary of an entity incorporated, established, or registered in such a country; or
 - An entity substantially controlled through entities incorporated, established, or registered in such a country; or
 - An entity whose beneficial owner is situated in such a country; or
 - An Indian (or other) agent of such an entity; or
 - A natural person who is a citizen of such a country; or
 - A consortium/ joint venture where any member falls under any of the above
- 2.2.6 No exemption with respect to “Experience Criteria” will be given to Micro or Small Enterprise (as per latest definitions under MSME rules) and to Start-up recognized by Department for Promotion of Industry and Internal Trade (DPIIT). However, if the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules or a Startup as recognized by Department for Promotion of Industry and Internal Trade (DPIIT), such bidder(s) shall be exempted from the requirement of "Turnover" criteria subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2.3 Questionnaire

The bidder needs to submit the response to questionnaire as in **Annexure-3** along with necessary evidences

³<https://dipp.gov.in/sites/default/files/Revised-Application-Format-for-Registration-of-Bidders-15Oct2020.pdf>



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2.4 General Information and Additional Information

The bidder needs to submit the General information as in **Annexure – 2** and additional information as in **Annexure- 4** and **Annexure - 5** along with necessary evidences. General and Additional information from the bidders shall not form basis for pre-qualification Award of Contract

3. Award of contract

The proposed plan includes the following steps till the award of contract.

- Step-I: The bidders shall be pre-qualified among those who responded to the EOI, based on evaluation carried out by ITER-India.
- Step-II: The tender document for the tender titled ‘**Supply of safety important pneumatic butterfly valves to ITER project**’ shall be issued to the pre-qualified bidders
- Step-III: Pre-bid meeting with the pre-qualified bidders to clarify the queries raised by them
- Step-IV: The tender will follow two- bid process; (a) Technical and commercial except price (b) Price bid
The Bidder will submit the offers in the following formats in two separate envelopes
[i] Technical and commercial except price
[ii] Price
- Step-V: Technical bid will be opened by ITER-India
- Step-VI: Technical bid will be evaluated to review the compliance with the technical specifications provided by ITER-India.
- Step-VII: Following the acceptance of technical bid mentioned in Step-VI, the price bid will be opened and evaluated by ITER-India.
- Step-VIII: Contract for ‘**Supply of safety important pneumatic butterfly valves to ITER project**’ will be awarded to the technically qualified and commercially lowest Bidder.

3.1 Contract duration

The supply of all the valves need to be completed within ten (10) months from the date of issue of LoI/ award of contract whichever is earlier

4. Technical Specifications

It is to be noted that the specifications as specified in the section is based on the preliminary information and the finalized detailed specifications will be provided to the pre-qualified bidders



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The scope of the forthcoming tender includes design, seismic analysis, manufacturing, inspection, testing, various qualifications, packing and forwarding, supply and delivery of butterfly valves, operated by pneumatic actuators of fail to close, ‘Rack and pinion or Scotch yoke type’.

The valves shall be designed, considering the following ambient conditions.

- Minimum ambient temperature: 5° C
- Maximum ambient temperature: 35° C
- Fire Minimum Environment Temperature: T_{design}+140° C



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The sizes, pressure rating and the design conditions of the valves are as given in table 4 below.

Table 4: Sizes, pressure rating and design conditions

SR	TAG	DN	Type of valve	Type	Pressure Rating	Design Pressure Mpa (a)	Design Temp. °C	Nominal flow rate, kg/s	Safety Class	Seismic Class	Quality Class	HCC (Y/N)
1	26CCC1-VC-1023	150	Pneumatic Butterfly Valve	Modulating	300	1.72	190	74.1	QC-1	SC-1(SF)	SIC-2	NO
2	26CCC1-VG-0292	150	Pneumatic Butterfly Valve	On/Off	300	1.72	190		QC-1	SC-1(SF)	SIC-2	YES
3	26CCC1-VG-1532	150	Pneumatic Butterfly Valve	On/Off	300	1.72	190		QC-1	SC-1(SF)	SIC-2	YES
4	26CCC1-VG-0291	150	Pneumatic Butterfly Valve	On/Off	300	1.72	190		QC-1	SC-1(SF)	SIC-2	NO
5	26CCC1-VG-0355	150	Pneumatic Butterfly Valve	On/Off	300	1.72	100	37.6	QC-1	SC-1(SF)	SIC-2	NO
6	26CCC1-VG-0356	150	Pneumatic Butterfly Valve	On/Off	300	1.72	100		QC-1	SC-1(SF)	SIC-2	NO
7	26CCC1-VG-1638	150	Pneumatic Butterfly Valve	On/Off	300	1.88	100	12.9	QC-1	SC-1(SF)	SIC-2	YES
8	26CCC1-VG-1637	150	Pneumatic Butterfly Valve	On/Off	300	1.88	100		QC-1	SC-1(SF)	SIC-2	YES
9	26CCC1-VC-1002	200	Pneumatic Butterfly Valve	Modulating	600	5	100	57	QC-1	SC-1(SF)	SIC-2	NO
10	26CCC1-VG-1562	200	Pneumatic Butterfly Valve	On/Off	600	5	100		QC-1	SC-1(SF)	SIC-2	YES
11	26CCC1-VG-1542	200	Pneumatic Butterfly Valve	On/Off	600	5	100		QC-1	SC-1(SF)	SIC-2	YES
12	26CCC1-VG-1561	200	Pneumatic Butterfly Valve	On/Off	600	5	100		QC-1	SC-1(SF)	SIC-2	NO
13	26CCC1-VC-1004	200	Pneumatic Butterfly Valve	Modulating	600	3.8	240	116	QC-1	SC-1(SF)	SIC-2	NO
14	26CCC1-VG-1609	200	Pneumatic Butterfly Valve	On/Off	600	3.8	240		QC-1	SC-1(SF)	SIC-2	YES
15	26CCC1-VG-1544	200	Pneumatic Butterfly Valve	On/Off	600	3.8	240		QC-1	SC-1(SF)	SIC-2	YES
16	26CCC1-VG-1505	200	Pneumatic Butterfly Valve	On/Off	600	3.8	240		QC-1	SC-1(SF)	SIC-2	NO
17	26CCC1-VC-1005	200	Pneumatic Butterfly Valve	Modulating	900	10	100	96	QC-1	SC-1(SF)	SIC-2	NO
18	26CCC1-VG-1545	200	Pneumatic Butterfly Valve	On/Off	900	10	100		QC-1	SC-1(SF)	SIC-2	YES
19	26CCC1-VG-1568	200	Pneumatic Butterfly Valve	On/Off	900	10	100		QC-1	SC-1(SF)	SIC-2	YES
20	26CCC1-VG-1567	200	Pneumatic Butterfly Valve	On/Off	900	10	100		QC-1	SC-1(SF)	SIC-2	NO
21	26CCC1-VG-1085	250	Pneumatic Butterfly Valve	On/Off	300	1.72	100	141.4	QC-1	SC-1(SF)	SIC-2	NO



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.
I-I/EoI/CWS-VALVES/PQ-
03/2022-23

SR	TAG	DN	Type of valve	Type	Pressure Rating	Design Pressure Mpa (a)	Design Temp. °C	Nominal flow rate, kg/s	Safety Class	Seismic Class	Quality Class	HCC (Y/N)
22	26CCC1-VG-1087	250	Pneumatic Butterfly Valve	On/Off	300	1.72	100		QC-1	SC-1(SF)	SIC-2	YES
23	26CCC1-VG-1102	250	Pneumatic Butterfly Valve	On/Off	300	1.72	100		QC-1	SC-1(SF)	SIC-2	YES
24	26CCC1-VG-1650	250	Pneumatic Butterfly Valve	On/Off	300	1.72	100		QC-1	SC-1(SF)	SIC-2	NO
25	26CC2A-VG-1084	250	Pneumatic Butterfly Valve	On/Off	150	1.6	60	105.2	QC-1	SC-1(SF)	SIC-2	YES
26	26CC2A-VG-1085	250	Pneumatic Butterfly Valve	On/Off	150	1.6	60		QC-1	SC-1(SF)	SIC-2	YES
27	26CC2A-VG-0007	250	Pneumatic Butterfly Valve	On/Off	150	1.6	60		QC-1	SC-1(SF)	SIC-2	NO
28	26CHH2-VG-0859	250	Pneumatic Butterfly Valve	On/Off	150	1.34	45	132.31	QC-1	SC-1(SF)	SIC-2	YES
29	26CHH2-VG-2024	250	Pneumatic Butterfly Valve	On/Off	150	1.34	45		QC-1	SC-1(SF)	SIC-2	YES
30	26CHH2-VG-1830	250	Pneumatic Butterfly Valve	On/Off	150	1.34	45		QC-1	SC-1(SF)	SIC-2	NO
31	26CCC1-VC-1022	300	Pneumatic Butterfly Valve	Modulating	600	5	270	300	QC-1	SC-1(SF)	SIC-2	NO
32	26CCC1-VG-0293	300	Pneumatic Butterfly Valve	On/Off	600	5	270		QC-1	SC-1(SF)	SIC-2	YES
33	26CCC1-VG-1531	300	Pneumatic Butterfly Valve	On/Off	600	5	270		QC-1	SC-1(SF)	SIC-2	YES
34	26CCC1-VG-0294	300	Pneumatic Butterfly Valve	On/Off	600	5	270		QC-1	SC-1(SF)	SIC-2	NO
35	26CHH2-VG-2025	300	Pneumatic Butterfly Valve	On/Off	150	1.34	45	256.61	QC-1	SC-1(SF)	SIC-2	YES
36	26CHH2-VG-2183	300	Pneumatic Butterfly Valve	On/Off	150	1.34	45		QC-1	SC-1(SF)	SIC-2	YES
37	26CHH2-VG-1829	300	Pneumatic Butterfly Valve	On/Off	150	1.34	45		QC-1	SC-1(SF)	SIC-2	NO
38	26CCC1-VC-1006	600	Pneumatic Butterfly Valve	Modulating	600	5	150	1202	QC-1	SC-1(SF)	SIC-2	NO
39	26CCC1-VG-0295	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
40	26CCC1-VG-1539	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
41	26CCC1-VG-0296	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	NO
42	26CCC1-VC-1017	600	Pneumatic Butterfly Valve	Modulating	600	5	150		QC-1	SC-1(SF)	SIC-2	NO
43	26CCC1-VG-0297	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
44	26CCC1-VG-1537	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
45	26CCC1-VG-0298	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	NO
46	26CCC1-VC-1018	600	Pneumatic Butterfly Valve	Modulating	600	5	150		QC-1	SC-1(SF)	SIC-2	NO



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOL/CWS-VALVES/PQ-03/2022-23

SR	TAG	DN	Type of valve	Type	Pressure Rating	Design Pressure Mpa (a)	Design Temp. °C	Nominal flow rate, kg/s	Safety Class	Seismic Class	Quality Class	HCC (Y/N)
47	26CCC1-VG-0299	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
48	26CCC1-VG-1535	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
49	26CCC1-VG-0300	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	NO
50	26CCC1-VC-1019	600	Pneumatic Butterfly Valve	Modulating	600	5	150		QC-1	SC-1(SF)	SIC-2	NO
51	26CCC1-VG-0301	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
52	26CCC1-VG-1533	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	YES
53	26CCC1-VG-0302	600	Pneumatic Butterfly Valve	On/Off	600	5	150		QC-1	SC-1(SF)	SIC-2	NO
54	26CCC1-VC-1003	600	Pneumatic Butterfly Valve	Modulating	600	5	100	900	QC-1	SC-1(SF)	SIC-2	NO
55	26CCC1-VG-1559	600	Pneumatic Butterfly Valve	On/Off	600	5	100		QC-1	SC-1(SF)	SIC-2	YES
56	26CCC1-VG-1652	600	Pneumatic Butterfly Valve	On/Off	600	5	100		QC-1	SC-1(SF)	SIC-2	YES
57	26CCC1-VG-1560	600	Pneumatic Butterfly Valve	On/Off	600	5	100		QC-1	SC-1(SF)	SIC-2	NO

The air-operated stainless steel Butterfly valves valves shall be of full-bore, triple offset design, bi-directional with over travel limit stoppers.

The end-to-end dimensions shall be in accordance with ASME B16.10, with the constraints as per the available space.



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-
03/2022-23

The key limiting requirement of Cobalt (Co) $\leq 0.2\%$, Niobium (Nb) $\leq 0.1\%$ and Tantalum (Ta) $\leq 0.05\%$ shall be considered while selecting material of construction of all the components (e.g. disc, shaft etc.) and accessories of the valves

The valves bodies and discs shall be of ASTM A351 Gr CF8M construction.

All material shall conform to the Essential Safety Requirements of the PED/ESP.

The valve body end connections shall be of Lug type.

The valve seat leakage rate shall confirm to the requirements of Rate C of table A.5 of EN 12266-1.

The stem shall be of Non-Rising type made of ASTM A 564 Gr. 630 H1075 (17-4 PH) and the disc shall be of single cast piece made of ASTM A 351 CF 8M.

The valves shall be metal-seated with hard facing, avoiding Co enriched material (e.g. Stellite).

The valves shall be provided with manual override to open or close the valve in the event of loss of actuator power. Larger valves (DN 200 and above & Class 300 and above) shall be provided with gear box and wheel.

The maximum opening and closure times of valves shall be 30 - 40 seconds.

The maximum operating torque for opening and closing the valves shall be limited to reduce the size of the relevant pneumatic actuators.

The actuator design shall be ‘Fail to close’, Pneumatic ‘Rack and pinion’ or ‘Scotch and Yoke type’ and the type of actuator shall be either ‘ON-OFF’ or ‘Modulating type’, as applicable.

The actuators shall be as small and compact as possible so that when connected with the valves, the valve cum actuator assembly would be accommodated within the dimensional, volumetric and weight constraints as well as considering the limited use of maintenance tools. The dimensional & weight limitations are listed in table 5 below,

Table 5: Limiting dimensions and weights

Size, DN	Pressure rating	End-to-end dimensions, mm (without companion flange)	Minimum Cv	Vertical height of valve and actuator assembly from pipe centre line, in mm	Valve-actuator assembly Weight, kgs
150	300#	210	630	560	330
200	600#	230	1100	900	620
200	900#	275	1100	900	700
250	150#	165	2467	1220	240



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-03/2022-23

250	300#	250	2300	1100	650
300	150#	84	4024	1000	430
300	600#	290	2600	1200	1000
500	600#	350	9600	2000	3000
600	600#	390	12800	2000	3500

The supply air pressure of 0.7 MPa-g shall be available for the valves actuation and accordingly, the actuators need to be designed. The maximum and minimum supply pressure of air shall be 1.1 MPa-g and 0.6 MPa-g respectively.

All valves and actuators shall be seismically designed and qualified to operate during combinations of loads, normal and accidental environmental conditions that will be provided in the tender document. The design of the valve actuator assembly shall be suitable for installation in any orientation (horizontal or vertical).

The valves have to be supplied along with appropriate mating weld neck flanges of SS 316 L construction along with SS 316 spiral wound gaskets. The gaskets and packing shall be halogen free.

The spares need to be supplied (the list of spares will be included in the tender document)

One set of required tools & tackles for maintenance of the valves need to be supplied along with the valves.

4.1 Codes & Standards

The design, material, manufacture, inspection, testing and performance of the valves shall comply with all latest (as on the date of contract award) statutes, regulations and safety codes that are applicable in the locality (France) where the valves will be installed and operated.

The following codes/ standards/orders shall be followed in the design, selection, manufacturing, qualification and testing of the valves and actuators.

- i. ANSI/MSS SP-25 - Standard Marking System for Valves, Fittings, Flanges, and Unions
- ii. ANSI/MSS SP-55 - Quality standard for steel castings for valves, flanges and fittings and other piping components
- iii. ANSI/FCI 70-2 – Control Valve Seat Leakage
- iv. EN 12266-1- Industrial valves- Testing of metallic valves- Part 1: Pressure tests, test procedures and acceptance criteria- Mandatory requirements
- v. ANSI/IEC 60529-04 - Degrees of Protection Provided by Enclosures (IP Code)
- vi. API 598 - Valve Inspection and Testing
- vii. ASME B1.1 - Unified Screw Threads
- viii. ASME B16.20 - Metallic Gaskets for Pipe Flanges
- ix. ASME B16.21 - Non-metallic Flat Gaskets for Pipe Flanges
- x. ASME B16.25 - Buttwelding Ends
- xi. ASME B16.34 - Valves – Flanged, Threaded, and Welding End
- xii. ASME B16.5 - Pipe Flanges and Flanged Fittings

- xiii. ASME B31.3 - Process Piping
- xiv. ASME-QME-1 - Qualification of Active Mechanical Equipment Used in Nuclear Power Plants
- xv. BS EN 12570: Industrial Valves - Method for Sizing the Operating Element
- xvi. IEEE-323 – Standard for Qualification of Equipment for Nuclear Power Generating Stations
- xvii. IEEE-344-2013 – IEEE Standard for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations
- xviii. EN 15714 - Valve actuator family of standards
- xix. IEEE-382 – IEEE Standard for Qualification of Safety-Related Actuators for Nuclear Power Generating Stations
- xx. IEEE-383 – IEEE Standard for Qualifying Class 1E Electric Cables and Field Splices for Nuclear Power Generating Stations.
- xxi. ISO 5752: Metal valves for use in flanged pipe systems – Face-to-face and centre-to-face dimensions
- xxii. ISO 15848-1: Industrial Valves – Measurement, Test and Qualification Procedures for Fugitive Emissions – Part 1: Classification Systems and Qualification Procedures for Type Testing of Valves
- xxiii. French Decree 2015-799 and Article R557 of the French Environmental Code
- xxiv. IEC 60695-11-10 - Fire hazard testing – Part 11-2: test flames – 1 kW nominal premixed flame – Apparatus, confirmatory test arrangement and guidance
- xxv. ISO-10497:2010 - Testing of valves — Fire type-testing requirements
- xxvi. INB (Installation Nucléaire de Base”) order

Apart from the above, ITER specific guidelines & handbooks are to be complied with and the same document would be provided to the successful vendor.

4.2 Key requirements

Being meant for nuclear application, these valves have some specific requirements and accordingly qualification procedures to be implemented.

a) Safety class SIC-2:

To prevent, detect or mitigate incidents or accidents, but not required for ITER machine to reach a safe state

b) Seismic Classification:

SC1 (SF): Structural stability and required functional seismic safety performance are to be maintained in the event of an earthquake; Seismic qualification using shake table is required. Reference acceleration is 4g simultaneously in all three directions

SC1 (S): Structural stability is to maintained in the event of an earthquake, i.e. no rupture of piping, no collapse of structures or equipment, limited plastic strain, structural support functions maintained. With this level of requirement, it is possible that a small level of deformation could occur. Seismic qualification using analysis is required

c) Hard Core Component (HCC):

Provides means to restore last nuclear confinement barrier; hence to be qualified for higher seismic acceleration (4g) in all three directions



d) Pressure Equipment Directive (PED):

As per the design parameters, the categorization of the risks as Sound Engineering Practice (SEP), Category-1, Category-2, Category-3, etc. If mandated, required Notified Body (NB) needs to be hired for conformity assessment

e) Electromagnetic compatibility (EMC) Directive:

Compliance with EMC Directive is mandatory for nearly all electrical and electronic equipment imported into the European Union (EU)

f) Quality Classification QC-1:

More in-process involvement of ITER-India. The involvements of ITER-India and IO are as per the Manufacturing & Inspection Plans (MIP); Notification Points, Hold Points and Witness Points will be identified in the MIP

g) Cycling loading:

The valves need to be qualified for 30000 cycles

h) Material of construction

The valves are primarily made of SS 316 construction, with key limiting requirement of Cobalt (Co) $\leq 0.2\%$, Niobium (Nb) $\leq 0.1\%$ and Tantalum (Ta) $\leq 0.05\%$. Moreover, all material shall conform to the Essential Safety Requirements of the PED/ESP.

The Contractor shall provide material Inspection certificates type 3.1 or type 3.2 according to EN-10204.

i) Radiation aging requirements

Radiation Dose at End of Life is 10 Gy

j) Magnetic field- Electro Magnetic Compatibility (EMC)

Maximum value 15mT

k) Fire qualification:

Valve body should maintain integrity during and after being heating at ‘Design temperature +140° C’,

l) Valve functionality should be intact in terms of Integrity, seat tightness, failure mode, operability and functional capacity



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-03/2022-23

5. List of Annexes

Annexure-1: Registration form for Scope Appraisal Meeting

Annexure-2: General information to be furnished by the bidders

Annexure-3: Questionnaire

Annexure-4: Format for submission of Job Details

Annexure-5: Financial statement

Annexure-6: Format for the Submission of EOI Document

Annexure-7: Self Declaration as per Make in India Order

Ann exure-8: Eligibility Declaration

6. Bid Submission Content, Format & Instructions (Bid Submission Envelopes & Contents)

The following table provides the guideline for preparing and arranging the bid documents.

Notes:

1. All the documents shall be properly filed and arranged into sections.
2. A clear separator for each section shall be provided for quick browsing of the documents.
3. Pages shall be numbered, initialed and stamped.

Apart from the given specific templates, bidder may also use the tender documents to insert any comments/mark-up within the text.

Envelope-1: Main Envelope containing with Annexures

Envelope-1:

Tender Notice No: I-I/EOI/CWS-VALVES/PQ-03/2022-23;

Due On- Date: 03-05-2023 & Time: 01: 00 p.m.

Title: Expression of Interest (EoI) for pre-qualification of bidders for “**Supply of safety important pneumatic butterfly valves to ITER project**”

To

The Purchase Officer

Block-A Sangath Skyz, Bhat-Motera Road, Koteswar,

Ahmedabad 380 005, Gujarat


INDIA

From: XXXXX

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Envelope-1 Contents

Table 2: List of contents for Envelope-1 (Main Envelope containing all Annexes)


S/N	Content to be included	Detail	Reference
1	Covering Letter 	Optional	



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-03/2022-23

2	EMD	Demand Draft / Proof of Payment EMD / Valid proof for exemption from EMD submission	
3	Sealed Envelope-1.1 	Sealed Envelope Containing Bids along with supporting documents	

Sealed Envelope-1.1:

ENVELOPE-1.1: PART-A (TECHNICAL BID)

Tender Notice No: I-I/EOI/CWS-VALVES/PQ-03/2022-23;

Due On- Date: 03-05-2023 & Time: 01: 00 p.m.

Title: Expression of Interest (EoI) for pre-qualification of bidders for “**Supply of safety important pneumatic butterfly valves to ITER project**”

➡ One Soft Copy of in Pen Drive/CD

To

The Purchase Officer

Block-A Sangath Skyz, Bhat-Motera Road, Koteswar,


Ahmedabad 380 005, Gujarat

INDIA

From: XXXXX

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List of contents for Envelope-1.1 (Technical bid)

Checked box☑ : Yes ; Un checked box☐ : No			
Bids in duplicate along with a soft copy (Flash drive /DVD/CD) shall be prepared and submitted			☐
Sr. No.	Content	Detail	
1	Flash drive / DVD/CD 	➤ Soft Copy of the bid A label containing the bidder's name and EOI No shall be indicated for identification	☐
2.	Covering Letter & Bidder Information	➤ Covering Letter ➤ General information about the bidder as per the template provided in this document (Annexure-2)	☐
3.	EEC	➤ All documents as asked for compliance to EEC are enclosed with Financial statement as per Annexure-5 with all supporting documents	☐
4.	Questionnaire	➤ Provide filled, signed and stamped Response to Questionnaire as per Annexure-3 of the tender document and Annexure-4 – Format for submission of Job Details.	☐



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-
03/2022-23

7.	Acceptance of Tender document	➤ Provide signed and stamped Format for submission of EOI document as per Annexure-6	<input type="checkbox"/>
8.	Declarations for MII and Eligibility Declaration	➤ Annexure-7 and ➤ Annexure-8	<input type="checkbox"/>
9.	PAN, GST, MSME registration details and any other details	➤ PAN ➤ GST registration ➤ MSME (Udyam Aadhar) ➤ Any other details	<input type="checkbox"/>
10.	Any other details		<input type="checkbox"/>



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-03/2022-23

Annexure-1

Registration form for Scope Appraisal meeting

This form duly filled in, signed and stamped shall reach to the Sr. Officer (Purchase & Stores) at the above address latest by 10th April 2023

From:

Name and address of Applicant Bidder

Name of Contact Person

Contact Number (Tel, E-mail)

To:

Sr. Officer (Purchase & Stores)

ITER-India, Institute for Plasma Research,

Block- A, Sangath Skyz, Bhat-Motera Road,

Koteshwar, Ahmedabad 380 005, Gujarat, India

Tel: + 91-79-2326 9656/9529

Email: purchase@iterindia.in

Subject: Registration for Scope Appraisal meeting

Dear madam,

This is with reference to your EOI No.: I-I/EOI/CWS-VALVES/PQ-03/2022-23 dated 31st March 2023.

We understood the requirements of the project and intend to participate in the scope Appraisal meeting.

The following members will attend the meeting:

- 1.
- 2.
- 3.

Signature

Name:


Position:

Address:

Tel:

Date:

BIDDER STAMP

	Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”	Tender Notice No.
		I-I/EOI/CWS-VALVES/PQ-03/2022-23

Annexure-2

General information to be furnished by the bidders

1.	Name of the Bidder	
2.	Bidder's Proposal No. and Date	
3.	Name and designation of the officer of the Bidder to whom all references shall be made for expeditious co-ordination.	
4.	Postal Address, Telephone & Fax Nos. and e-mail Address of Registered Office	
5.	Address, Telephone Nos., Fax Nos. and e-mail ID of Office through which the proposed work (if entrusted) will be handled with name & designation of person-in-charge	
6.	Core Competence of business	
7.	Areas of other business activity, if any & place of such business	
8.	Any additional information which the tenderer considers relevant for evaluation of this tender	
9.	Bank details of the Bidder	
10.	GST Registration details of the bidder	
11.	PAN details of the bidder	
12.	MSME registration details with category (General/SC/ST/Women), if any	

1. Legal status of the Bidder (attach copies of original document defining the legal status)
Individual/ Proprietary firm/ firm in partnership/ limited company or Corporation/ Any other (please specify)
2. Particulars of registration of the Bidder with Government/statutory bodies and international certification, such as, ISO 9001:2015, PED stamping, ASME stamping (attach copy of the documents)

Sr. No.	Government/statutory bodies	Place of registration	Registration No.
i			
ii			

Note: Please add rows to the table above, as required

Authorized signatory from Bidder

Bidder's stamp



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

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03/2022-23

Annexure-3

Questionnaire

For all the projects to qualify essential eligibility criteria and the projects listed below, the bidder is required to submit copy of contract showing the project details along with the certificates of status and attach copy of the necessary evidences. The format as in Annexure-4 needs to be used for submitting the details. ITER-India may contact the clients to verify project value/completion status, etc.

The responses of following should be submitted along with evidences

1. Experience in the past of supplying and qualifying valves for primary CWS package of nuclear power plant
2. Experience in the past of supplying to ITER project
3. Key projects completed within India
4. Key international contracts executed
5. Projects under progress
6. Experience in the past of carrying out fire test
7. Experience in the past of carrying seismic qualification using analysis and shake table
8. Tentative list of consultancies/ laboratories/ facilities, the bidder plans to make use for various analysis/ testing/ qualification purposes
9. Any other information considered necessary but not included above

Authorized signatory from Bidder

Bidder's stamp



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-
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Annexure-4

Format for submission of Job Details

- a) Work description/scope :
- b) Reference No. :
- c) Client :
- d) Name & designation of Officer-in-charge :
- e) Client address, city, country and pin code :
- f) E-mail address :
- g) Phone no. :
- h) Scheduled start date :
- i) Scheduled completion date :
- j) Actual start date :
- k) Actual completion date :
- l) Scheduled duration :
- m) Actual time taken :
- n) Total value of work :
- o) Name of Consultant/s (if any) :
- p) Copy of work order furnished : yes/no
- q) Completion certificate furnished : yes/no

Authorized signatory from Bidder

Bidder's stamp

	Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”	Tender Notice No.
		I-I/EOI/CWS-VALVES/PQ-03/2022-23

Annexure-5

Financial statement

1. Annual turnover in accounting years (in lakhs, INR).

Financial Year	2017-18	2018-19	2019-20	2020-21	2021-22
Annual turnover					

2. Bidder’s statements of accounts for last three years (profit/loss, assets/liabilities), auditor reports, and other financial data (Please attach copies)

The statement of account should include minimum of following:

- (a) The financial status of the Bidder
- (b) Audited statement by a certified accountant
- (c) All notes to the financial statements correspond to accounting periods already completed and audited

3. List of Banks that the Bidder deals with


Name of Bank	Address	Telephone no.	Name & designation of contact

Note: Please add rows to the table above as required

* Note: ITER-India may contact the listed bankers to confirm correctness of the information provided.

Authorized signatory from Bidder

Bidder’s stamp

	Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”	Tender Notice No.
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Annexure-6

Format for the Submission of EOI Document

[On the letterhead of applicant Bidder with Name and address of applicant Bidder, name of contact person, contact number (Tel, E-mail)]

Ref:

To:

Senior Officer (Purchase & Stores)
ITER-India, Institute for Plasma Research,
Block- A, Sangath Skyz, Bhat-Motera Road,
Koteshwar, Ahmedabad 380 005, Gujarat, India
Tel: + 91-79-2326 9656 / 9529
E-mail: purchase@iterindia.in

Subject: Submission of documents applicable for the pre-qualification requirement associated with the tender titled ‘Supply of safety important pneumatic butterfly valves to ITER project’

Ref: **EOI No.: I-I/EoI/CWS-VALVES/PQ-03/2022-23**

Dear Sir,

1. Being duly authorized to represent and act on behalf of _____ (herein after referred to as “the Applicant Bidder”) and having reviewed and fully understood all of the pre-qualification requirements and information provided by ITER-India, the undersigned hereby applies for pre-qualification process for the tender titled ‘Supply of safety important pneumatic butterfly valves to ITER project’.
2. This application is made by me/us on behalf of Bidder in the capacity of Prime Contractor duly authorized to receive the tender document, if pre-qualified
3. We have submitted all the requisite information in ‘pre-qualification questionnaire’ and other certificates & proofs as applicable to Essential eligibility criteria, as per the formats issued by ITER-India
4. We have furnished all information and details necessary for pre-qualification and have no further pertinent information to submit
5. ITER-India and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this pre-qualification application, e.g. towards finance, resources, experience and competence of applicant Bidder



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

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03/2022-23

6. We hereby confirm that we have read and understood all the stipulations given in this pre-qualification document and decision of ITER-India with regard to our pre-qualification shall be final and binding on us
7. The undersigned declare that the statements made and the information provided in the duly completed pre-qualification forms are complete, true and correct in every details

Signature

Bidder's stamp

Name:

Position:

Address:

Tel:

Date:

List of Enclosures:



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

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Annexure-7

Certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of Local Content, in line with PPP-MII order, if applicable [to be submitted on the letter head of the issuer.]

Make In India (MII) order Certificate

In line with Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 as amended from time to time and as applicable on the date of submission of tender/enquiry, we hereby certify that we M/s _____ are Class I local supplier/ Class II local supplier (To strike off inapplicable option) against ITER-India EoI No. I-I/EOI/CWS-VALVES/PQ-03/2022-23 Dated 31.03.2023

We also understand, false declarations will be in breach of the code of integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Thanking You

Signature with date:

Name:

Designation:

Official Seal

We, M/s _____, the Statutory Auditor(s) / Cost auditor (applicable in the case of companies) of M/s _____ (to specify name of bidder) / M/s _____ a practicing cost accountant or practicing chartered accountant (applicable in respect of bidders other than companies) of M/s _____ (to specify name of bidder), have verified and certify that M/s _____ are Class I local supplier/ Class II local supplier (To strike off inapplicable option) against ITER-India EoI No. I-I/EOI/CWS-VALVES/PQ-03/2022-23 Dated 31.03.2023 as defined under the PPP-MII Order.

For and on behalf of,

Date:

Authorized Signatory

(With Company Seal & Signature)

Name of the Statutory/Cost Auditor or Practicing Cost/Chartered Accountant (as applicable):

Firm Reg No:

Membership No.



Title: EoI Document to pre-qualify bidders for the tender for “Supply of safety important pneumatic butterfly valves to ITER project”

Tender Notice No.

I-I/EOI/CWS-VALVES/PQ-03/2022-23

Annexure – 8

Eligibility Declaration (On company letter head) (Along with supporting documents, if any)

EoI No: I-I/EOI/CWS-VALVES/PQ-03/2022-23 Dated 31.03. 2023

Title:

Bidder's Name: _____ (Address and contact details)

Bidder's Offer No. _____ Date: _____

Restrictions on procurement from Bidders from a country or countries, or class of countries under Rule 144(xi) of the General Financial Rules 2017.

We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries, and solemnly certify that we fulfil all requirements in this regard and are eligible to be considered. We certify that:

- (a) *we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). and;*
- (b) *we shall not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.*

Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any further changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of Code of integrity and would attract penalties as mentioned in this tender document, including debarment.

(Signature with date)

(Name and designation) Duly authorized to sign Bid for and on behalf of

(Name & address of the Bidder and Seal of Company)