



ITER-India
(Institute for Plasma Research)

Enquiry No.

I-IEN21003

Title	Enquiry No. I-IEN21003 dated 24.05.2021 for Development of PLC based slow control system for RF Source
Sub Title	PART-A (I): Instructions to Bidders and Bid Submission format

ITER-India, Institute for Plasma Research

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

Ahmedabad- 380005, Gujarat State, India



Table of Contents

1	Evaluation Criteria:	3
2	Instructions to Bidders	4
2.1	Tender Notification.....	4
2.2	Single Point of Contact for the Tender	4
2.3	Tender Documents / Tender Specifications & Requirements.....	4
2.4	Bid Submission Instructions.....	4
2.5	Bid Security	5
2.6	Amendments to tender documents	5
2.7	Preparation of Techno-commercial Bids & Bid Content	6
2.8	Bid opening of Part-A	8
2.9	Evaluation Committee (s)	9
2.10	Evaluation and clarifications of Part-A bids.....	9
2.11	Bid opening of Part-B.....	10
2.12	Evaluation and clarifications of Part-B bids.....	10
2.13	Recommendation of Successful Bid	11
2.14	Acceptance/Rejection of Bids.....	11
2.15	Construction of contract / purchase order.....	11
2.16	Cancellation of Tender	11
3	Bid Submission Envelopes & Content.....	12
3.1	Envelope-1: Main Envelope (sealed) containing all parts (Part-A & Part-B)	12
3.2	Sealed Envelope-1.1: Part-A (Technical & Commercial Bid without Price)	12
4	Annexures.....	16
4.1	Annexure-A1: Unpriced Bid format.....	16
4.2	Annexure-A2: General Particulars of the Bidder	25
4.3	Annexure-A3: Letter for Acceptance of Part-A of Tender	26
4.4	Annexure-A4: Bid Security Declaration Form.....	27
4.5	Annexure-A5: Self-Declaration for Class-I and Class-II bidders	28
	Table 1:Evaluation Criteria (EC).....	3
	Table 2: Instructions to Bidders.....	4
	Table 3: List of contents for Envelope-1 (Main Envelope containing Part-A and Part-B)	12
	Table 4: List of contents for Envelope-1.1 (Part-A: Technical & commercial bid without price).....	13
	Table 5: List of contents for Envelope-1.2 (Part-B: Price Bid).....	15



1 Evaluation Criteria:

Bidder as mentioned in the EC Table 1 means single Indian company/Indian industry. Bidder must submit two sets of self-attested copies of documents in support of evaluation criteria. However, meeting the evaluation criteria in itself does not automatically qualify through the technical bid evaluation process.

Table 1:Evaluation Criteria (EC)

Evaluation Criteria	Evidence/Documents to be submitted by the bidder
Bidder shall have valid QMS (Quality Management System)/ISO 9001:2015 certification	Copy of Valid QMS/ valid ISO 9001:2015 certification
Bidder shall have valid Siemens authorization for automation and drive products	Bidder shall submit valid Siemens authorization letter for automation and drive products
Bidder shall have experience in the field of Integration of Siemens PLC based systems, design and development of application program using SIMATIC manager and WinCC software.	Bidder shall provide at least 1 unpriced Purchase Order (PO) for design, development and supply of Siemens PLC based system along with technical description and completion certificate or invoice. This PO shall be within 3 years from date of enquiry.

2 Instructions to Bidders

Table 2: Instructions to Bidders

Instructions		
2.1 Tender Notification		
a.	This is a TWO PART LIMITED TENDER . Bidders shall submit bids in Two Part	
b.	PART–A: Technical & Commercial Bid without price [Part-A(I), Part-A(II), Part-A (III)]	
c.	PART–B: Price Bid	
2.2 Single Point of Contact for the Tender		
All communications related to this tender must be sent to the following Single Point of Contact (SPOC). Sr. Officer (Purchase & Stores) ITER-India, Institute for Plasma Research Block A, Sangath Skyz, Bhat-Motera Road, Koteshwar, Ahmedabad 380005, Gujarat, India E-mail: purchase@iter-india.org Phone: +91–79–23 26 96 56 / +91-79-23 26 97 55		
2.3 Tender Documents / Tender Specifications & Requirements		
The scope of work, scope of supply, technical specifications, drawings, contract/purchase order terms and bidding procedures are prescribed in the tender documents. The tender documents include the following Parts. Each Part is provided in a separate document with appropriate title.		
a.	Part-A	Part-A (I): Instructions to Bidders and Bid Submission formats
		Part-A (II): Scope of Supply, Work and Technical Specifications
		Part-A (III): Terms and Conditions of Contract / Purchase Order
b.	Part-B	Part-B: Price Bid format with Instructions
2.4 Bid Submission Instructions		
a.	Only Class-I Local Suppliers (having minimum 50% local content) and Class-II Local Suppliers (having minimum 20% local content) are eligible to bid for this tender. Refer Government notification no. P-4501/2/2017-PP (BEII) dated 16.09.2020 issued by Ministry of Commerce & Industry in this regard Provisions as per this notification as amended from time to time shall apply for this tender including bid evaluation.	

	Class-I Local Suppliers and Class-II Local Suppliers will submit duly signed self-declaration on their letter head as per Annexure-A5 along with the offer/bid failing which bid may not be considered for further evaluation.
b.	Bidder shall submit complete Tender document (single copy) duly stamped and signed by their competent authority. This will be considered as compliance and acceptance of bidder to the tender document.
c.	Refer to Section:0 of this document for more details on bid submission envelopes, their formats and their content
a.	All bids in response to this tender shall be submitted in TWO PART (Part-A & Part-B) in separate envelopes, duly sealed and superscribed with Tender Enquiry Number, Due Date and Time as per the details provided in Section-3 of this document. An additional Main envelope covering Part-A & Part-B envelopes may be used to submit the bids as described at Section-3 of this document. Part – A bid should not be submitted in form of loose papers.
b.	All technical specifications along with commercial terms and conditions (without price) shall be included only in Part-A of the bid. Part-B (Price bid) comprising of price details shall be submitted in a separate sealed envelope only in Hard copy.
c.	The bidder shall take special care in order not to mix-up price details with the Part-A (Technical and Commercial bid without price) and vice versa. Any violation of these conditions may lead to rejection of the bid.
d.	The Main envelope containing Part-A & Part-B bids shall also contain the Bid Security Declaration enclosed in a separate envelope (refer to section-3 for details).
e.	The bidders are advised to use high quality plastic envelopes/covers to protect the bids from any damage in transit.
f.	If the envelopes are not sealed and not marked as indicated in the tender, then the purchaser will assume no responsibility of pre-mature opening of the bid leading to the consequences such as rejection of bid etc.
g.	Bids received without the details asked for may not be considered.

2.5 Bid Security

a.	Bids must be submitted along with “Bid Security Declaration” as per Section-4.4/Annexure-A4 duly signed and stamped on company letter head.
b.	Bidder will automatically be suspended for two years to submit bids if he withdraws or amends or impairs or derogates from the submitted tender in any respect within the period of bid validity.

2.6 Amendments to tender documents

a.	The Purchaser reserves the right to issue any amendments, clarifications, etc. to the tender documents, giving reasonable time, and prior to the bid opening. Such amendments, clarifications etc., to be considered by the bidders while submitting the bids and invariably enclose such documents as a part of the bid. All such amendments, clarifications, etc., shall be uploaded to ITER-
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India website and also notified through e-mail to potential bidders. The Purchaser will bear no responsibility or liability arising out of non-receipt of the same in time or otherwise.

2.7 Tender Fee & EMD

- a. The completed bids should be submitted along with Tender fee and Declaration for Earnest Money Deposit (EMD) as per the following details referring to the bid submission format
- b. **Tender Fee (Non-Refundable):** Bidder shall submit a tender fee of **INR 590.00 (Indian Rupees Five Hundred Ninety only) inclusive of applicable GST** through Demand Draft (DD) or online through **Real Time Gross Settlement (RTGS)** or through **NEFT (National Electronic Funds Transfer)** as per the details given below, **along with bid submission.**
- Note: Due to prevailing COVID-19 situation, bidders are advised to make payment of Tender Fee online through RTGS/NEFT and submit proof of payment of Tender Fee along with bid submission and intimate via email to purchase@iter-india.org**
- c. Earnest Money Deposit (EMD) / Bid Security: No EMD to be submitted for this tender. However, Bids must be submitted along with “Bid Security Declaration” as per Section-4.4/Annexure-A4 duly signed and stamped on company letter head.
- d. 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 in case of INR shall be 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.
- Demand Draft (DD) should not be prior dated to the date of advertisement.
- 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
IFS Code : SBIN0010864

MICR : 380002096
- f. Bidder will automatically be suspended for two years to submit bids if he withdraws or amends or impairs or derogates from the submitted tender in any respect within the period of bid validity.
- g. Bids received (except bidders registered with National Small Industries Corporation (NSIC), Directorate of Purchase and Stores (DPS), Micro and Small Enterprises (MSEs) & such bidders furnishing proof of valid certificate or any other valid proof) without the prescribed Tender Fee shall not be considered for further evaluation.

2.8 Preparation of Techno-commercial Bids & Bid Content

2.8.1 General

- | | |
|----|---|
| a. | Before preparing the techno-commercial bids, the Bidders shall read all the tender documents carefully. Bidder who has submitted the bid against this tender shall be deemed to have read and understood the tender in totality. |
| b. | Detailed instructions and format for preparing the tender response and its content is provided at Section: 2 of this document. Different templates and formats have been provided to assist the bidders. |
| c. | The bids shall be prepared in duplicate. Each shall be clearly marked as “ Original ” or “ Duplicate ”. In the event of any discrepancy between them, the original shall prevail. |
| d. | The bid documents shall be prepared in English language only. |
| e. | All pages of the bid documents shall be numbered. Each page of the bid document shall be stamped and initialized. |
| f. | If the name of selected bidder is required to be changed for any legal reason, prior to entering into purchase order/ contract, ITER-India may permit the same subject to the condition that the bid remains the same in every respect except for the change of the name and relevant documents in this regard are submitted to ITER-India by the bidder immediately. |

2.8.2 Techno-commercial Bid Preparation

- | | |
|----|---|
| a. | Bidders shall furnish all necessary details against Tender specifications provided in the Tender documents. |
| b. | Additionally, a soft copy of the documents for compliance to EC & Techno-commercial part (PART-A) bid submission content should be prepared in the form of CD/USB Flash Drive for submission. Part-B (Price Bid) content shall be strictly avoided in this soft copy submission of the bids. |

2.8.3 Price Bid Preparation

- | | |
|----|---|
| a. | Refer to Price bid document (Part-B) for specific instructions and bid format on Price Bid preparation |
| b. | Bid should be free from Corrections and Erasures. Corrections, if any, must be attested. All total amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail. |
| c. | Refer to Part-A (III) for Terms and Conditions of the Contract/Purchase Order including the payment terms and submission of Bank Guarantees (BGs) |

2.8.4 Mode & Address of Bid Submission

a. Sealed bid documents in hard copies can be sent by **Speed Post/Registered Post/Courier/in-person** at the address given below so as to reach by the stipulated due date and time. No responsibility will be taken for postal delay or non-delivery/non-receipt of Bid documents.

b. **Address for Bid Submission:**

Sr. Officer (Purchase & Stores)
ITER-India, Institute for Plasma Research
Block A, Sangath Skyz, Bhat-Motera Road, Koteshwar,
Ahmedabad 380005,
Gujarat, India

Phone: +91-79-23 26 96 56 / 23 26 95 29

2.8.5 Due date for bid submission

a. The completed bid documents in the prescribed format should be submitted to the **Sr. Officer (Purchase & Stores), ITER-India latest by 17:00 hrs. (IST) on 15.06.2021.**

b. In the event of any date indicated above is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein.

c. Bidders are requested to prepare and submit their bids well in advance to the due date with due consideration of lead times required for an assured delivery by postal services to avoid unfortunate delays.

d. ITER-India will not be responsible for any delay or loss of bid documents in transit.

2.8.6 Rejection of Late/Delayed Bids

a. Bids received after the due date and specified time will be declared as **"DELAYED"**. Bids received after the opening of bids will be declared as **"LATE"**. **DELAYED and LATE bids WILL NOT be considered** and therefore, it is in the interest of the bidders to ensure that the tenders reach the Sr. Officer (Purchase & Stores), ITER-India on or before the stipulated due date and time.

b. The bids shall be valid at least for 120 days from the date of opening of Part-A bids. In case of unforeseen delays in concluding the tender evaluation, ITER-India may request the bidders for a suitable extension of validity of their bids without any change in quoted price and terms & conditions.

2.9 Bid opening of Part-A

a. Bids will be opened in Two stages (Stage-1: Part-A Techno-commercial Bid opening & Stage-2: Part-B Price Bid opening at ITER-India office as indicated in this tender document).



b. At the first stage Part-A(I), Part-A(II) & Part-A(III) Technical and Commercial bid without price will be opened. **This being a Limited Two Part Tender, bidder's presence is not required in the Tender Opening Process.**

2.10 Evaluation Committee (s)

a. ITER-India's evaluation committee(s) duly constituted by the competent authority of ITER-India will evaluate the bids. The committee(s) may seek clarifications, hold techno-commercial discussions and finally make appropriate recommendations to the competent authority of ITER-India as per the mandate of the committee(s). However, Sr. Officer (Purchase & Stores), ITER-India shall remain the single point of contact between ITER-India and the bidders.

2.11 Evaluation and clarifications of Part-A bids

a. At first the submitted EC documents will be evaluated against the specified Evaluation Criteria (Refer Section-1 for the evaluation criteria details).

b. The bids that are meeting all the Evaluation Criteria stipulated in section 1 of the Part-A (I) of the tender shall only be shortlisted.

c. The shortlisted bids shall only be considered for further detailed techno-commercial evaluation.

d. Micro and Small Enterprises (MSEs) must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. Purchase Preference will be given to MSEs as per prevailing Government guidelines.

e. If it becomes necessary to seek clarifications from the bidders regarding EC, technical and commercial terms and conditions of the tender, the same will be sought through email from the bidders. In such an event, the bidder will furnish all the EC, technical and commercial information/clarification to the Sr. Officer (Purchase & Stores), ITER-India, on or before the date and time fixed for submission of such clarifications, by ITER-India. If the EC, technical and commercial clarifications sought for, do not reach on or before the due date and time fixed, such bids are liable to be rejected without any further notice. Purchaser shall not bear the responsibility of delay in receipt of required clarification(s).

f. Further to clarify and confirm the compliance of the stated requirements, specific meetings with the bidders may be called by ITER-India. The venue, date and mode of the meeting (In person/ Tele) shall be intimated to the bidder. Discussions will be held on the various aspects of the offer, including the deviations, if any, vis-à-vis tender requirements.

g. In the event of differences in commercial terms and conditions quoted by various bidders, ITER-India may resort to commercial discussions to bring all the bidders to common level of commercial terms and conditions.



h.	ITER-India and their authorized representatives may visit the Contractor/Sub-contractors, if required, as a part of technical evaluation process. Assessment made by ITER-India during the visit to the bidder shall be considered as a part of bid evaluation.
i.	In case, bidder makes any alternative suggestions with respect to the tender requirements, the same will be discussed and noted for further evaluation by ITER-India. However, ITER-India reserves the right to accept or reject such suggestions at their discretion. In case of acceptance of such suggestion by ITER-India involving implication of price, same shall be intimated to all the participated bidders and all shall be granted permission to submit additional price bid/revised price bid, if required.
j.	Where counter terms and conditions have been offered by the bidder, the same shall not be deemed to have been accepted by ITER- India, unless specific written acceptance thereof is obtained by ITER-India.
k.	All technical and commercial aspects pertaining to Part-A (Technical and Commercial bid without price) of the tender will be finalized prior to opening of Part-B (Price bid) and no change in this regard shall be accepted after opening of Part-B (Price bid).
l.	Bids that are found to be compliant with the Evaluation Criteria, the scope of work, supply, Technical Specifications and Commercial Terms & Conditions specified in Part-A of the tender documents, shall be shortlisted as Technically Qualified Bids .
m.	Price bids (Part-B of bid) of only Technically Qualified Bids will be opened
2.11.1 Unqualified Bids	
a.	Bids that are found to be non-compliant of Evaluation Criteria and/or tender specifications and/or terms & conditions as specified in Part-A documents will be considered as unqualified bids
2.12 Bid opening of Part-B	
a.	Price bids (Part-B of bid) of only technically qualified bidders shall be opened
2.13 Evaluation and clarifications of Part-B bids	
a.	The opened price bids will be evaluated and further clarifications, if any, may be sought through email from the respective bidders
b.	The price evaluation criteria and the basis for the price comparison are specified in Part-B document.
c.	Conditional discount, if any offered by the bidder shall not be considered and may lead to the rejection of the bid.
d.	The evaluation committee may hold discussions with the bidder, if required.
e.	The Terms & Conditions, scope of work, supply and technical specifications as agreed by the bidder in the Part-A bid and during Part-A evaluation shall only prevail in case of any deviation(s) observed in Part-B .



f. Price bid filled by the bidder shall only contain all the required rates, amount and particulars as per the price bid format (Part-B).

2.14 Recommendation of Successful Bid

a. The evaluation committee will recommend the successful bid to a competent authority of ITER-India for awarding the Contract/Purchase Order

2.15 Acceptance/Rejection of Bids

a. Upon acceptance of successful bid, ITER-India may award a Contract/Purchase Order with the successful Bidder within the validity/extended validity of the bid.

b. Unsuccessful bidders will not be informed of the result of their bids.

c. Non-compliance to tender specifications and/or tender scope and/or tender terms and conditions are liable for rejection. Decision of ITER-India in respect of non-compliance shall be final and binding on the bidders.

d. Canvassing in any form with regard to this tender will lead to rejection of the bid.

e. ITER-India reserves the right to accept or reject, lowest / any / all bid(s), in whole or in part, without assigning any reasons whatsoever and without any liability to ITER-India.

2.16 Construction of contract / purchase order

It is the intent of ITER-India to incorporate the Scope of supply and work, Technical Specifications, Terms & Conditions of the Contract and price bid in the final Contract between ITER-India and the successful bidder. This final Contract shall include deviations, if any, as mutually agreed between ITER-India and the successful bidder. However, any variation in the scope of supply and / or scope of work to meet the intent of this specification and to be in line with good engineering practice and manufacturing feasibility during execution of Contract shall not be subject to price variation.

2.17 Cancellation of Tender

During the tendering process, there may be some unforeseen situations compelling the Purchaser to cancel the Tender without finalization. In such a case, the Purchaser will send a notice/intimation for cancellation of the Tender by email/upload on website. Purchaser will not be responsible for any consequences due to such cancellation. Bids received (in "As Is" condition) will be returned to the bidders.

3 Bid Submission Envelopes & Content

3.1 Envelope-1: Main Envelope (sealed) containing all parts (Part-A & Part-B)

Envelope-1: Part-A & Part-B

Tender Notice No: I-IEN21003

Due On- Date: 15.06.2021 Time: 17:00 hrs. (IST)

Title: “Development of PLC based Slow Control System for RF Source”

To

Sr. Office (Purchase & Stores)
ITER-India, Institute for Plasma Research
Block-A, Sangath Skyz, Bhat- Motera Road,
Koteshwar, Ahmedabad- 380005,
Gujarat State, India

From: XXXXX

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3.1.1 Envelope-1 Contents

Table 3: List of contents for Envelope-1 (Main Envelope containing Part-A and Part-B)

S/N	Content to be included	Detail
1	Covering Letter 	Optional
2	Sealed Envelope-1.1 	Sealed Envelope Containing PART-A: Technical & Commercial Bid without Price
3	Sealed Envelope-1.2 	Sealed Envelope Containing PART-B: Price Bid

3.2 Sealed Envelope-1.1: Part-A (Technical & Commercial Bid without Price)

ENVELOPE-1.1: PART-A (TECHNICAL & COMMERCIAL BID WITHOUT PRICE)

Tender Notice No: I-IEN21003

Due On- Date: 15.06.2021 Time: 17:00 hrs. (IST)

Title: “Development of PLC based Slow Control System for RF Source”

Bids in Duplicate + One Soft Copy of Part-A Bid on Flash Drive OR CD



To

Sr. Office (Purchase & Stores)
ITER-India, Institute for Plasma Research
Block-A, Sangath Skyz, Bhat- Motera Road,
Koteshwar, Ahmedabad- 380005,
Gujarat State, India

From: XXXXX

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Notes:

1. All the documents shall be properly filed/stapled 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, initialled and stamped.
4. Apart from the given specific templates, bidder may also use the tender documents to insert any comments/mark-up within the text

Table 4: List of contents for Envelope-1.1 (Part-A: Technical & commercial bid without price)

Checked box☒ : Yes ; Un checked box☐ : No			
Part-A bids in duplicate along with a soft copy (Flash drive /DVD/CD) shall be prepared and submitted			☐
Sr. No.	Content	Detail	
1	Flash drive / CD 	<ul style="list-style-type: none"> ➤ Soft Copy of the Part-A bid without Price A label containing the bidder's name and Tender No shall be indicated for identification 	☐
2.	Covering Letter & Bidder Information	<ul style="list-style-type: none"> ➤ Covering Letter ➤ General information about the bidder as per the template provided in this document (Annexure-A2) of Part-A(I) 	☐
3.	Bid Security, Self-Declaration for Class-I and Class-II bidder and submission of tender fees	<ul style="list-style-type: none"> ➤ Bid Security Declaration (Annexure-A4) ➤ Annexure-A5 Self-Declaration for Class-I and Class-II bidders ➤ Submission of Tender Fees 	☐
4.	Compliance with Scope of Supply & Work and Technical Specifications of Part-A(II)	<ul style="list-style-type: none"> ➤ Provide filled, signed and stamped Technical Compliance Matrix as per Section-7 of Part-A(II) ➤ Provide signed and stamped Annexure-A3 of Part-A(I) of the tender ➤ Provide signed & stamped copy of Part-A(II) of the tender 	☐
5.	Schedule	<p>Schedule:</p> <ul style="list-style-type: none"> ➤ A preliminary schedule plan complying with the specified delivery duration with reference to the date of Lol/signature of contract/order shall be submitted. ➤ Details of the major activity shall be included 	☐
6.	Compliance against Terms and Conditions of the Contract	<ul style="list-style-type: none"> ➤ Compliance against the Payment terms ➤ Compliance to all Bank Guarantees submission ➤ Compliance against other terms and conditions as specified in Part-A (III) of the tender document ➤ Provide list of import items 	☐



Title: Development of PLC based slow control system for RF Source

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I-IEN21003

		➤ Provide signed & stamped copy of Part-A(III) of the tender as token of acceptance of Terms & Conditions of the contract	
7.	Unpriced Bid	➤ Unpriced bid as per the template (Annexure-A1) Part-A(I) ➤ Taxes & Commercial terms: <ul style="list-style-type: none">○ Basis of Price and delivery terms○ Taxes and duties○ Validity of bid Any other, please specify	<input type="checkbox"/>
8.	Registration proof	➤ GST registration certificate and PAN card – This should be valid till the contract is fully executed i.e. In case of expiry of any of the certificate, the contractor shall submit the valid certificate(s) well in time. ➤ MSME registration certificate if applicable	<input type="checkbox"/>
9.	Check List	➤ Verify & check the last column of this table and a copy of the same shall be submitted as marked checklist	<input type="checkbox"/>
10.	Any other details	Please provide, if any	<input type="checkbox"/>

3.2.2 Sealed Envelope-1.2: Part-B (Price Bid)

ENVELOPE-1.2: PART-B (PRICE BID; IN DUPLICATE)

Tender Notice No: I-IEN21003

Due On- Date: 15-June-2021 Time: 17:00 hrs. (IST)

Title: "Development of PLC based Slow Control System for RF Source"

To

Sr. Officer (Purchase & Stores)
ITER-India, Institute for Plasma Research
Block A, Sangath Skyz, Bhat-Motera Road, Koteshwar,
Ahmedabad 380005,
Gujarat, INDIA

From: XXXXX

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3.2.2.1 *Content of Envelope-1.2: Part-B (Price Bid)*

Table 5: *List of contents for Envelope-1.2 (Part-B: Price Bid)*

Part-B bids in duplicate shall be prepared and submitted					<input type="checkbox"/>
• All pages shall be signed by authorized signatory, numbered and stamped					
S/N	Content to be included	Detail	Reference	Use Form/ Template	
1	Covering Letter	Optional			<input type="checkbox"/>
2	Price Bid	Submit price bid in prescribed format.	Part-B	Part-B document / Price Bid templates	<input type="checkbox"/>



4 Annexures

4.1 Annexure-A1: Unpriced Bid format

This tender is for “Development of PLC based Slow Control System for RF Source” as follows:

A. Price Bid format (Price breakup):

Sr. No.	Item Description	Siemens Part number as given in the enquiry	Siemens part number offered by Bidder	Qty	Price offered by Bidder		
					Price (INR)	Discount (%) ref.: IO agreement no. 6000000018 & Siemens contract no. GA1600000538	Final price after discount (INR)
1.	PLC Hardware items						
A	SIMATIC PM 1507 24 V/8A stabilized power supply for SIMATIC S7-1500 <ul style="list-style-type: none">Input:120/230V ACOutput: 24 VDC /8A	6EP13334BA00		1 No.			
b	SIMATIC S7-1500, CPU 1516-3 PN/DP <ul style="list-style-type: none">Central processing unit (CPU) with working memory 1MB for program & 5MB for Data1.Interface: Profinet IRT with 2 port switches	6ES75163AN010AB0		1 No.			



	<ul style="list-style-type: none">2. Interface: Profinet RT3. Interface: Profibus10ns Bit performance				
C	SIMATIC S7-1500, Mounting rail 482 mm (approx..19 inch) <ul style="list-style-type: none">incl. grounding elementIntegrated DIN rail for mounting of small components such as clamps, fuses or relays	6ES75901AE800AA0		1 No.	
D	SIMATIC S7-1500, Mounting rail 830 mm <ul style="list-style-type: none">incl. grounding elementIntegrated DIN rail for mounting of small components such as clamps, fuses or relays	6ES75901AJ300AA0		1 No.	
E	SIMATIC ET 200MP, IM155-5 PN HF Profinet interface module <ul style="list-style-type: none">Integrated power supplyMaximum 30 I/O modules can be connected in one rackInterface: RJ 45No of ports: 2	6ES71555AA000AC0		1 No.	
f	SIMATIC S7-1500, Digital input module,	6ES75211BL000AB0		6 Nos.	



	<ul style="list-style-type: none">• 32 channels with 24V• Input delay 0.05 to 20ms configurable;• Diagnosis provided by LED indication for supply voltage, Error display, channel status				
G	SIMATIC S7-1500, Digital output module, <ul style="list-style-type: none">• 32 channels with 24VDC having 0.5A each channel• Diagnosis provided by LED indication for supply voltage, Error display, channel status	6ES75221BL010AB0		4 Nos.	
h	SIMATIC S7-1500, Analog input module, <ul style="list-style-type: none">• 8 channels for current measurement• 8 channels for voltage measurement• 4 channels for RTD measurements• 8 channels for thermocouple measurements• Channels should be configurable for	6ES75317KF000AB0		5 Nos.	



	<p>current/voltage/RTD/TC type connection</p> <ul style="list-style-type: none">• 16 bits of resolution of ADC• Basic conversion time including parameterizable integration time (ms): 9/23/27/107 ms• Linearity error (relative to input range): +/- 0.02%• Diagnosis for supply voltage monitoring, LED indication for channels status display				
I	<p>SIMATIC S7-1500, Analog output module,</p> <ul style="list-style-type: none">• 8 channels for voltage• 8 channels for current• 16 bits resolution of DAC• Linearity error (relative to output range = +/-0.15%)• Settling time: 30μs for resistive load• Conversion time per channel: 50μs (independent of number of activated channels)	6ES75325HF000AB0		1 No.	



	<ul style="list-style-type: none">Diagnosis for supply voltage monitoring, LED indication for channels status display				
j	SIMATIC S7-1500, Front connector <ul style="list-style-type: none">screw-type terminal40-pin with 4 jumpers & cable straps	6ES75921AM000XB0		20 Nos.	
K	SIMATIC S7-Memory card for S7-1X00 CPUs/SINAMICS <ul style="list-style-type: none">3.3V FLASH24 MB	6ES79548LF020AA0		1 No.	
L	SIMOTICS S-1FK2 Servo motor <ul style="list-style-type: none">Static torque = 2.4 NmRated power = 0.75 kWRated Speed = 3000 rpm	1FK2204-5AF10-1MA0		10 Nos.	
M	SINAMICS S210 Servo drive controller <ul style="list-style-type: none">Communication: ProfinetStandard Digital Inputs: 5	6SL3210-5HB10-4UF0		10 Nos.	
N	MOTION-CONNECT 500, 20 m <ul style="list-style-type: none">Single prefabricated cable for servo motor and controller communication	6FX5002-8QN08-1BA0		10 Nos.	
O	IE FC TP Standard Cable GP2x2 (sold by meter)	6XV18402AH10		25 Nos.	
P	IE FC RJ45 Plug 145 (1 pack = 50 items)	6GK19011BB300AE0		1 No.	



Q	PSU100S, 1Φ, 24VDC/20A	6EP13362BA10		1 No.	
R	SINAMICS SD card	6SL30544FC002BA0		1 No.	
	Sub total				
2.	PLC software items				
A	SIMATIC STEP 7 Prof. V16 <ul style="list-style-type: none">• Floating License;• Engineering Software in TIA Portal;• SW & documents on DVD;• License key on USB flash drive;• Executable in Windows 7 (64-bit), Windows 10 (64-bit), Windows Server 2012R2 (64-bit), Windows Server 2016/2019 (64); for configuration of SIMATIC S7-1200/1500, SIMATIC S7-300/400/WinAC• SIMATIC Basic Panels Content: Set (4x DVD + 1x USB)	6ES78221AA060YA5		1 No.	
B	SIMATIC OPC UA S7-1500 medium (CPU-1515 / CPU-1516 (F)) <ul style="list-style-type: none">• Single Runtime License, contains license certificate for	6ES78230BA001CA0		1 No.	



Title: Development of PLC based slow control system for RF Source

Enquiry No.

I-IEN21003

	OPC UA server and OPC UA client Class A <ul style="list-style-type: none">• Executable on all ET 200SP CPUs, S7-1500 up to CPU-1516 Content: Certificate of License				
C	SIMATIC WinCC Runtime Advanced 512 power tags V16 R-SW in TIA portal	6AV21040DA060AA0		1 No.	
D	SIMATIC WinCC Advanced V16 Engineering software in TIA portal	6AV21020AA060AA5		1 No.	
	Sub total				
3	I&C Racks and accessories	NA		2 set	
4	Developmental cost for application program	NA		1 set	
5	Installation, Testing and training	NA		1 set	
6	Other items (if any)	NA			
	Final Total				

Note:

- 1. Price to be quoted by bidders in line with Siemens & IO agreement No. 6000000018 (Contract No. GA1600000538)**
2. If any other accessories required, which are not listed in the Price Bid format (Sr. 1 &2), then offer the bid for such accessories (with part no.) under ‘**other items**’ **Sr. No. 6** in the price bid.
3. Siemens part number of all offered items must be provided in the bid. If Siemens has upgraded/changed part number of any items, then those items shall be offered in the bid with upgraded details.
4. Quoted price should be in INR only. Percentage wise cost will not be considered.
5. Splitting of Purchase Order is not applicable.
6. L1 bidder will be derived based on Final Total Price plus applicable taxes & duties and any other charges, if applicable.



Title: Development of PLC based slow control system for RF Source

Enquiry No.

I-IEN21003

7. In case of deviation in payment terms including demand of advance other than specified in payment schedule and accepted by ITER-India, interest at the rate of Benchmark Prime Lending Rate (BPLR) of SBI prevailing on the date of PART-A opening will be loaded for price comparison purpose.
8. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.
9. Unit rate/s should be valid throughout the validity of Purchase Order for addition/deletion purposes. The quoted price should not be subject to price escalation for whatsoever reasons. The quoted price shall be firm, fixed, and non-revisable during the validity/ extended validity of Purchase Order.
10. The delivery shall be based on FREE DOOR DELIVERY to Purchaser's site
11. The bid shall include cost of loading, transport, transit insurance (against all risks of loss or damage during the transport), unloading and shifting of all the items within Purchaser's site, i.e. ITER-India Building, IPR, unpacking, assembly & installation, testing and entire scope of work and deliverables as per Part-A(II) of this enquiry.
12. Each page of price bid format shall be signed and seal to be put on each and every page
13. Each Party shall bear their own expenses for visit to other Party's end concerning execution of the order/contract

B. Compliance with Commercial Terms, Taxes and Duties (This needs to be filled up as offered in Part-B Price Bid format)

Particulars	Compliance
Delivery Basis: Free Door Delivery to On-Site- Delivery address as per 1.11.2.2 of PART A(III) (including packing, forwarding, freight & transit insurance)	Yes / No (In case of No, details of deviation to be specified)
Goods and Service Tax & Customs Duty - Not to be included in the quoted Price	Yes / No (In case of No, details of deviation to be specified)
Goods and Service Tax - ITER-India, IPR is entitled to avail concessional rate of GST@5% on supply of Items as per clause no. 1.8.3.3 of Part- A(III).	Confirm 5% applicable against exemption certificate from ITER-India, IPR
Customs Duty: ITER-India is exempted from payment of Customs Duty. Hence, Custom Duty payable in India should not form a part of the bid (Applicable for import material cleared in India).	Yes / No (In case of No, details of deviation to be specified)



Title: Development of PLC based slow control system for RF Source

Enquiry No.

I-IEN21003

Committed delivery period – Tender delivery period as per clause no. 1.5.2 of Part-A(III) will apply	Yes / No (In case of No, details of deviation to be specified)
Bid Validity Period - 120 days from date of opening of Part-A	Yes / No (In case of No, details of deviation to be specified)
Payment Terms- ITER-India Payment terms as per clause no. 1.8.4.2 of Part-A(III) will apply	Yes / No (In case of No, details of deviation to be specified)
Warranty as per clause no. 1.16.1 of Part-A(III) will apply	Yes / No (In case of No, details of deviation to be specified)
Submission of Security Deposit, Advance and Performance Bank Guarantees as per tender	Yes / No (In case of No, details of deviation to be specified)
In case of Micro, Small or Medium Enterprise (MSME), specify the category and MSME certificate needs to be attached	

Bidder Signature		
Name of the signatory& Title	Name	Title
Bidder's Official seal		
Place & Date	Place	DD-MM-YYYY

4.2 Annexure-A2: General Particulars of the Bidder

1.	Name of the Bidder	
2.	Bidder's Proposal No. and Date	
3.	Name , designation, contact no. and email id 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, if any	

Authorized signatory of Bidder

Bidder's stamp

4.3 Annexure-A3: Letter for Acceptance of Part-A of Tender

(This form should be duly filled- in, signed, stamped and sent by the bidder along with Part-A of the Bid)

From:

Name and address of Applicant Bidder
Name of Contact Person
Contact Number (Tel. no., mobile no., Fax no., E-mail)

Date:**To:**

Sr. Officer (Purchase & Stores)
ITER-India, Institute for Plasma Research,
Block A, Sangath Skyz, Bhat-Motera Road, Koteshwar,
Ahmedabad 380005,
Gujarat, INDIA Tel: + 91-79-2326 9656
Email: purchase@iter-india.org

Subject: Acceptance of Part-A of the Enquiry

Dear Sir/Madam,

This is with reference to your enquiry No.: **I-IEN21003 dated 24.05.2021**. We have gone through all the Technical Specifications, scope of work, scope of supply and other details (Part-A (II)) and Terms & Conditions (Part-A (III)) of the enquiry. In this regard, we would like to confirm the following (**Please v against applicable point**).

- We accept all the Technical Specifications, scope of work, scope of supply and other details as per Part-A (II) and the Terms & Conditions as per Part-A (III) of the enquiry.
- We accept all the Technical Specifications, scope of work, scope of supply and other details as per Part-A (II) and the Terms and Conditions as per Part-A (III) of the enquiry, **except following deviations**.

List of deviations as mentioned below:

Signature

Bidder's stamp

Name:

Position:

Address:

Tel:

Fax:

4.4 Annexure-A4: Bid Security Declaration Form

[ON THE LETTER HEAD OF THE COMPANY]

Ref: Enquiry No. I-IEN21003 dated 24.05.2021

M/s _____ (herein called "the Bidder") declare that bidder will not withdraw or modify the bid ref. ----- dated -----submitted against Enquiry No. I-IEN21003 dated 24.05.2021.

If the bidder withdraws or modifies referred Bid during the validity period or extended validity period, or if the bidder is awarded the Contract and fails to sign the Contract, or to submit security deposit before the deadline defined in the tender/enquiry document, the bidder unconditionally accepts suspension of their company to submit Bid(s) for period of two years from the date of referred tender document for future requirements.

Bidder understands that this Bid Security Declaration shall expire if not a successful Bidder.

Signature

Bidder's stamp

Name:

Position:

Address:

Tel:

Fax:

4.5 Annexure-A5: Self-Declaration for Class-I and Class-II bidders

[ON THE LETTER HEAD OF THE COMPANY]

In line with Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and its amendments, we hereby certify that we M/s _____ are local supplier meeting the requirement of minimum local content i.e., _____% as defined in above orders for the material against tender no. I-EN21003 dated 24.05.2021.

Details of location at which local value addition will be made as follows: _____.

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