



www.iter-india.org

## ITER-India, Institute for Plasma Research

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### ENQUIRY – FOREIGN (Reminder – 1)

OFFICE COPY                      ENQUIRY NO                      : I-IEF20002  
Date                                      : 28/05/2020  
Due Date                                : 16/06/2020 by 5:00 PM (IST)

We invite your rate/s for the following item/s. The Instructions to bidders and Terms & Conditions are attached herewith.

#### Important Note :

1. Please Send your offer, ALONG WITH DESCRIPTIVE LITERATURE / CATALOGUE for the following items which we are interested to import directly against Foreign Trade Policy 2015-2020. Kindly go through the terms & conditions printed overleaf. Please ensure that your quotation reaches this office not later than above mentioned due date.
2. If packing materials used by Foreign Supplier are of any kind of Plant Origin, valid Phytosanitary Certificate issued by an Authorised Officer at the Country of Origin of the consignment in the format prescribed under the International Plant Protection Convention of the Food and Agricultural Organization shall be sent along with the shipping documents. This is a mandatory requirement under Law enacted by the Govt. Of India. Deviation from this may result in holding of the consignment at customs causing delays which will be the sole responsibility of supplier.
3. Customs Duty Exemption Certificate: ITER-India can provide Custom Duty Exemption Certificate (CDEC) under the notification no. 39/96 dated 23/07/1996 as amended by notification no. 5/2012 - custom dated 07/02/2012 (s. no.37) in order to avail such exemption indian party shall quote in foreign currency only on behalf of their foreign principal/supplier & purchaser shall place the order directly on foreign principal/supplier. All expenses, except customs duty, towards procurement of the imported materials should be borne by the Contractor.
4. ITER-India, IPR is entitled to avail concessional rate of GST @ 5% (2.5% CGST and 2.5% SGST) as per Central Goods and Service Tax (CGST) Notification No. 45/2017-Central Tax (Rate) dated 14th November, 2017, State Goods and Service Tax (SGST) Notification No. 45/2017 – State Tax (Rate) dated 15th November, 2017 and IGST @ 5% as per Notification No. 47/2017-Integrated Tax (Rate) dated 14th November, 2017 for supply of Goods. Therefore, Indian bidders please consider GST in your quotation accordingly. IGST @ 5% is applicable for the items imported by ITER-India. Applicable IGST @ 5% will be taken for evaluation for the bids received from foreign bidders.

Sr No.	Material Description	Quantity	Unit
1	Detector (Zero Bias)	4	SET
2	Horn Antenna (Conical)	2	SET
3	Variable Attenuator (manually operating)	1	SET
4	3dB directional coupler	2	SET
5	Full band Isolator	1	SET

#### Note :

- (1) Submit your quotation duly signed and stamped in a sealed envelope AT THE ABOVE ADDRESS.
- (2) Any clarification on this enquiry may be sought from the Purchase Officer, ITER-India.
- (3) Quote with complete technical details.
- (4) Quotation should invariably be submitted in the attached format (Quotation format) ONLY else ITER-India may not consider your offer.
- (5) Technical Specifications for each item are attached herewith (page 1 to 5)
- (6) Specification sheets duly filled in with the vendor Specification column and duly signed & stamped to be submitted

along with the bid. This enquiry document also needs to be submitted duly signed and stamped on each page as part of bid submission. This will be considered as acceptance of complete enquiry document by the bidder.

- (7) ITER-India reserves the right to split the order to technically qualified lowest quoted bidder for each item (i.e. sr. no. 1 to 5). Bidder shall not be allowed to change the quoted rate or any other terms & conditions in case the order is split among the bidders.
- (8) Required delivery period is 8 weeks from the date of P.O. Vendor must specify the delivery period in the quotation.
- (9) Payments shall be made through RTGS/NEFT (For Indian bidders) within 30 days from date of acceptance of ordered items by the Purchaser at ITER-India site. For Foreign bidders-90% Payments shall be made against despatch of ordered items. 90% shall be made either against lodgement through Sight Draft or through wire - transfer or through irrevocable non-confirmed Letter of Credit (LC). 10% payments shall be made within 30 days from the date of acceptance of ordered items by the Purchaser at ITER-India site and through wire transfer / sight draft.
- (10) In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same enquiry.
- (11) Indian agent shall bid only on behalf of one Principal/OEM. Valid Authorised dealer/distributor certificate needs to be submitted in case Indian company is submitting quotation on behalf of Foreign bidder.
- (12) Purchaser reserves the right to order on either FCA or DAP basis.
- (13) In respect of Indigenous bidders: The price/s quoted should be on Door Delivery and freight paid basis inclusive of cost of packing & insurance.
- (14) In respect of Foreign Bidders: The price/s quoted should be on FCA (any international airport in supplier's country) basis as per Incoterms 2010. The price/s quoted should be inclusive of all applicable taxes, levies, duties applicable outside India. The bidder shall also indicate the DAP (ITER-India, Gandhinagar) charges. DAP charges shall be included in the quoted FCA price for Price evaluation purpose.
- (15) The Indian bidder (OEM) under the category of MSME Enterprise shall attach a MSME Certificate (Udhyog Aadhar) along with the offer.
- (16) In case the foreign bidder do not submit DAP charges, the Purchaser shall take following charges as applicable for deriving Landed Price, a) 3% of Ex-works price to arrive at FCA. b) Freight as 10% of FCA price to arrive at C & F Price. c) Insurance as 1% of C & F Price. d) 2% of total cost towards custom clearance & local transport.
- (17) In case of deviations in payment terms proposed by the bidder and accepted by ITER-India, ITER-India shall appropriately load the price on State Bank of India Benchmark Prime Lending Rate (SBIBPLR) as on date of enquiry for price comparison purpose.
- (18) The basis for the price comparison shall be the total landed price of quoted items including taxes & duties (as applicable), freight & Insurance charges (as per Sr. No. 16 above). IGST @ 5% shall also be loaded for items to be imported by ITER-India.
- (19) For bid received in foreign currency, RBI reference rate as on date of bid opening shall be taken for arriving at equivalent price in Indian Rupees.
- (20) Data sheet/Catalogue of the offered items to be submitted along with the offer.
- (21) Agency commission (if applicable) in equivalent INR will be paid within 30 days from the date of acceptance of ordered items by Purchaser.
- (22) Onsite - ECRH Lab (3rd Floor - Height – 13.725 meters), ITER-India Lab building Institute for Plasma Research Campus Bhat, Gandhinagar-382428 Gujarat, India

Encl:- as above

  
Rakhi Dharamdasani

OFFICER-I (PURCHASE & STORES)

ITER-India (IPR)

## INSTRUCTION TO TENDERERS

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1. The Proforma Invoice should contain the following information:
2. The earliest delivery period and country of goods/ equipment and Country of shipment should be mentioned.
3. Your banker's name and address should be mentioned. All bank charges outside India to be borne by the supplier.
4. The tenderer should submit quotation to the Purchase Officer in duplicate in sealed envelope superscribing the Tender No., date and due date of opening. Quotation should be submitted in the form of a Proforma Invoice and should complete in all respects with technical specifications. Note for Indian Agent: Bidders should submit quotation on behalf of only one foreign supplier.
5. Agency commission, if any, payable to the Indian Agent from the FOB/FCA value should be clearly indicated in terms of percentage of the same. Also the address of the accredited Indian Agents should be furnished so that the agency commission can be paid in Indian Rupees directly to them at the exchange rate (T.T. buying) prevailing on the date of purchase order.
6. The approximate net and gross weight and dimension of packages/ cases may be indicated in your offer.
7. Recommended spares for satisfactory operation for a minimum period of 5 years (wherever applicable) may be mentioned.
8. Details of any technical service, if required for erection, assembly, commissioning and demonstration should be mentioned clearly.
9. The prices quoted should be inclusive of all taxes, levies, duties arising in the tenderer's country.
10. The offer should be valid for a minimum period of 120 days from the due date of opening of the tender. If asked for by the Purchaser, the tenderer shall extend the validity of his quotation.
11. Late tenders will not be considered. Quotations by cable/fax must be followed by detailed offers by mail/through courier so as to reach us before the due date.
12. The Purchaser reserves the right to accept the lowest or any tender in part or full without assigning any reasons. Purchaser also reserves the right to split the order at its sole discretion.
13. The details of Import License will be furnished in the Purchase Order.
14. Instruction / Operation manual containing all assembly details including wire diagrams should be sent wherever necessary in duplicate. All documents/correspondence should be in English Language only.
15. This enquiry is not a commitment and the Purchaser reserves the right to reject or cancel any or all offers.
16. Bidder should indicate clearly in his quotation whether he needs Export License for supply of the offered items. Furnish relevant document/format to be submitted by the purchaser, if Export License is involved.
17. Advance payment, if any, will be made as per the Reserve Bank of India's stipulations and on receipt of Bank Guarantee from the Supplier from a Bank acceptable to Purchaser/Purchaser's Banker.

## TERMS AND CONDITIONS

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1. It is expressly agreed that the acceptance of the stores contracted for is subject to final approval in writing by the purchaser whose decision shall be final.
2. If all or any of the stores are not of the quality specified, they may be rejected and suppliers should either replace or refund the money at the discretion of the purchaser.
3. Part shipment is not allowed unless specifically agreed by the purchaser.
4. As far as possible, stores should be dispatched by Indian flag vessels/Air India or through any Agency nominated by the purchaser.
5. Adequate packing to prevent damage in transit should be provided keeping in view the nature of item and the mode of transport.
6. ITER-India being an Autonomous Institute of Government of India, preference will be given for payment by Sight Draft. However, you may indicate your payment terms.
7. The Supplier will be held responsible for any demurrage/Wharfage paid due to non-receipt of document in time. Non-negotiable copies of dispatch documents should be sent by Email (scan copy) /Air Mail/Courier immediately after shipment.
8. Insurance wherever necessary will have to be arranged by the supplier on Warehouse to warehouse basis.
9. Inspection/Test certificates should be provided for the goods after testing it thoroughly at your works, if any testing agency is considered necessary, it shall be arranged by the Supplier.
10. The stores contracted should be guaranteed for a minimum period of 12 months from the date of acceptance against defective materials, design, workmanship, operation or manufacture. For defects noticed during the guarantee period, replacement/rectification should be arranged free of cost within a reasonable period of such notification. However, permits for re-export from and re-import into the purchaser's country, if required shall be provided.
11. To fulfill the above guarantee condition, the Supplier shall at the option of the purchaser, furnish a Performance Bank Guarantee (as prescribed by the purchaser) from a Bank approved by the purchaser for an amount equivalent to 10% of the value of the Purchaser Order valid till 14 months (i.e. covering guarantee/warranty period) from the date of acceptance of items by the Purchaser. On the satisfactory performance and completion of the Purchaser Order, in all respects, the bank guarantee will be returned to the Supplier without any interest.
12. Where erection or assembly or commissioning is a part of the Purchaser Order, it should be done immediately on notification. The Supplier shall be responsible for any loss/damages sustained due to delay in fulfilling this responsibility.
13. Supplier is deemed to have warranted and indemnified the Purchaser against any Claim/dispute whatsoever on patent, trade mark etc.
14. All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operations or effect of Purchase Order arising out of this tender or the breach thereof shall be settled by arbitration in accordance with the Arbitration Rules of India and the award made in pursuance thereof shall be binding on the parties.
15. For items having shelf life, those with maximum shelf life should be supplied, if order is placed.
16. These terms and conditions are subject to Ahmedabad, India jurisdiction only.
17. DO NOT SEND CONSIGNMENT/PARCEL THROUGH COURIER MODE.

## FORMAT FOR SUBMISSION OF QUOTATION

EnquiryNo. : I-IEF20002  
 NameOfParty : OFFICE COPY  
 QuotationNo.&Date :  
 Due on : 16/06/2020 by 5:00 PM(IST)

Sr No.	Material Description	Qty	Unit	Rate (Mention Currency)	Total
1	Detector (Zero Bias)	4	SET		
2	Horn Antenna (Conical)	2	SET		
3	Variable Attenuator (manually operating)	1	SET		
4	3dB directional coupler	2	SET		
5	Full band Isolator	1	SET		
				Grand Total	

### COMMERCIAL TERMS & CONDITIONS \*

Sr.No		Bidder's Compliance/Remarks
1	Firm Price	Comply – Yes/No, If No, specify details
2	Delivery Period (To Specify) (Refer Sr. no. 8 of Note)	
3	Payment (ITER-India payment terms will apply) (Refer Sr. No. 9 of Note)	Comply – Yes/No, If No, specify details
4	Acceptance to split the order (Refer Sr. NO. 7 of Note)	Comply – Yes/No, If No, specify details
5	Warranty (1 year from date of acceptance of items)	Comply – Yes/No, If No, specify details
6	Validity period (90 days from due date of bid submission)	
7	Agency Commission (if payable to Indian Agent)(To Specify)	
8	Indian Agents: Those who are submitting offer on behalf of their principal must attach valid authorization letter issued by their Principal.	
9	INCOTERMS 2010 : FCA (nearest international airport of supplier's delivery location) - To specify name of airport and agreement for FCA Incoterms 2010	
10	DAP ITER-India, Gandhinagar, Gujarat charges ( in % of FCA or lumpsum charges) (To Specify) If DAP charges are not specified, charges as per sr. no. 16 of Note shall be applied by the Purchaser to arrive at Landed cost	
11	Documentation Charges/Bank Charges (To Specify)	
12	GST (Not to be included in quoted price) (For Indian bidders)	
13	GST @ 5% Extra ( As per Sr. No. 4 of Important Note) (For Indian Bidders)	Comply – Yes/No, If No, specify details
14	GST No. (For Indian Bidder)	
15	Udhyog Aadhar No. & Category (Micro/Small/Medium Enterprise)(For Indian Bidder)	
16	Discount (If any)	
17	Remarks	

\* Fill in the applicable details

Place:

Authorised Signatory:

Date:

Company Seal

## 1. Scope of Supply

Scope of supply includes the following deliverables:

Table 1 : Scope of Supply

S.No	Name of the item	Quantity	Specifications
1.	Detector (Zero Bias)	04	Refer Table 2 for technical specification
2.	Horn Antenna (Conical)	02	
3.	3 dB coupler	02	
4.	Variable attenuator (manually operated)	01	
5.	Full band isolator	01	

### Notes:

1. Bidder/Supplier should provide detailed technical datasheet of each quoted item along with the quotation.
2. Quotation without detailed datasheet(s), part number/model number and duly filled supplier specification sheet as prescribed format may not be considered.
3. Simply specifying the compliance against the specifications by indicating "yes", "complied", "agreed", "OK" etc. without providing the evidence such as product datasheets, manuals etc., may lead to bid rejection
4. Supplier should provide Warranty of minimum one year for each quoted item.
5. Packing & shipment: The material should be appropriately packed with one set of documentation & dispatched to:  
ECRH Laboratory,  
ITER-India Laboratory Building  
Institute for Plasma Research (IPR),  
Bhat, Gandhinagar, Gujarat 382428  
INDIA

## 2. Technical Specifications

Table 2: Technical Specifications

1) <b>Detector (Zero Bias)</b>		
<b>ITER-India Specification</b>		<b>Bidder specification/compliance</b>
Make & Model No.	Specify quoted make & model no. Pls. submit corresponding datasheets in support of quoted specs.	
Frequency range (GHz)	110-170	
Minimum Sensitivity (mV/mW), over frequency band at 1MΩ load	≥ 150	
Maximum CW input power rating (dBm)	≥ 5	
Video bandwidth (MHz)	≥ 10	
RF connector at input	WR-6 ( EIA standard) or it's compatible, round flange, UG-387/U-M	
DC connector at output	SMA (F)	
Finish	Gold	
<p>Note: Following calibrated reports/test reports to be supplied with the unit.</p> <p>1.1. Full frequency band Vs Sensitivity.</p> <p>1.2 Input power (dBm) Vs Output voltage (mV) at different load values</p>		

2) <b>Horn Antenna (Conical)</b>		
<b>ITER-India Specification</b>		<b>Bidder specification/compliance</b>
Make & Model No.	Specify quoted make & model no. Pls. submit corresponding datasheets in support of quoted specs.	
Frequency range (GHz)	110-170	



Gain (dB)	$\geq 21$ (typical value within band)	
	Also, please specify value at 170GHz	
VSWR	$\leq 1.25$	
RF connector at input/output	WR-06 (EIA standard) or it's compatible, round flange, UG-387/U-M	
Finish	Gold	
Note: Calibrated report/test report/inspection report must be provided by supplier along with the unit.		

3) **3 dB Directional Coupler**

ITER-India Specification		Bidder specification/compliance
Make & Model No.	Specify quoted make & model no. Pls. submit corresponding datasheets in support of quoted specs.	
Frequency Range (GHz)	110-170	
Coupling (dB)	3 typical	
Coupling flatness, dB, max.	$\pm 1.5$	
Directivity, dB	$\geq 25$	
Main line VSWR	1.15 max.	
Secondary line VSWR	1.2 max.	
Insertion loss, dB	$\leq 2.5$	
RF connector at input/output	WR-06 (EIA standard) or it's compatible, round flange, UG-387/U-M	
Finish	Gold	
Note: Calibrated report/test report/inspection report must be provided by supplier along with the unit.		

**4) Variable attenuator (Manually Operating)**

ITER-India Specification		Bidder specification/compliance
Make & Model No.	Specify quoted make & model no. Pls. submit corresponding datasheets in support of quoted specs.	
Frequency range (GHz)	110-170	
Attenuation range (dB)	0 - 25	
Insertion loss (dB)	$\leq 3$	
Input power rating (dBm)	$\geq 14$	
VSWR	$\leq 1.5$	
RF connector at input/output	WR-06 (EIA standard) or it's compatible, round flange, UG-387/U-M	
Finish	Gold	
Note Calibrated report/test report/inspection report must be provided by supplier along with the unit.		

**5) Full band Isolator**

ITER-India Specification		Bidder specification/compliance
Make & Model No.	Specify quoted make & model no. Pls. submit corresponding datasheets in support of quoted specs.	
Frequency range (GHz)	110-170	
Isolation full band (dB), min.	$\geq 20$	
Insertion loss (dB)	$\leq 3.5$	
Input power rating (dBm)	$\geq 14$	
VSWR	$\leq 1.5$	





**ITER-India**  
**(Institute For Plasma Research)**

Enquiry No.: I-IEF20002

Date : 23.04.2020

RF connector at input/output	WR-06 (EIA standard) or it's compatible, round flange, UG-387/U-M	
Finish	Gold	
Note: Calibrated report/test report/inspection report must be provided by supplier along with the unit.		

Bidder's Name (Name of Company/Firm) : \_\_\_\_\_

Name of Contact Person : \_\_\_\_\_

Email id and phone no. of Contact Person : \_\_\_\_\_

Bidder's Sign & Seal: \_\_\_\_\_

Date \_\_\_\_\_