



प्लाज़्मा अनुसंधान संस्थान
INSTITUTE FOR PLASMA RESEARCH
परमाणु ऊर्जा विभाग, भारत सरकार का एक सहायता प्राप्त संस्थान
An Aided Institute of Department of Atomic Energy, Government
of India



इन्दिरा पुल के पास, भाट, गांधीनगर - 382 428

भारत

दूरभाष: (079) 2396 2020/2021/2028

फैक्स: 91-079-23962277

वेब: www.ipr.res.in

NEAR INDIRA BRIDGE, BHAT
DIST. GANDHINAGAR - 382 428 (INDIA)
Phone: (079) 2396 2020/2021/2028
Fax : 91-079-23962277
Web : www.ipr.res.in

ENQUIRY

ENQUIRY NO : IPR/EQL/20-21/378
Date : 23-03-2021

Due on : 15-04-2021 by 1:00 PM IST

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items:

Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to localpurchase@ipr.res.in

Please ensure your sealed quotation reaches this office not later than above mentioned due date and time.

Kindly go through the following documents properly before quoting which are available on the IPR web portal i.e., http://www.ipr.res.in/documents/tender_terms.html / attached herewith.

- 1) Instructions to the bidders & Terms and conditions (refer Form No: **IPR-LP-01.V4**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer clause no: 8 of Form No: **IPR-LP-01.V4**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Energy Storage Capacitor (178 uF, 15 kV DC)	8.0 Nos.

Note: 1. GeM Availability Report ID: - GEM/GARPTS/17032021/QLDQ7EPLRDX4 dated?????..17/03/2021
2. Unsigned quotations are not acceptable. Quotation should be submitted duly signed on ALL PAGES invariably.

3. Quotation to be submitted in INDIAN CURRENCY.
Quotations received other than Indian Rupees will be rejected
 4. Customs Duty Exemption Certificate will not be issued
 5. Delivery Period:
 6. TDS As per CGST ACT: As per provisions of section No. 51 of the CGST Act 2017, TDS @2% (IGST 2% or CGST 1% and SGST 1%) will be deducted while making payment to the suppliers where total value of orders/contracts/work orders exceeds Rs. 2.5 lakhs.
delivery time-90 days
- Encl: as par attachment

Information to Vendors: We are working towards a single platform for our future requirement. Hence, please refer IPR website i.e, <http://www.ipr.res.in/documents/tendersenq.html> for our future requirement.

Technical Specification

	IPR Requirements	IPR Specification
1	Capacitor Type	Energy Storage Capacitor
2	Rated Capacitance	178 μ F
3	Tolerance	\pm 10%
4	Charging Voltage	15KV DC
5	Total Energy at rated voltage	20KJ \pm 10%
6	Maximum discharge peak Current	150KA or more
7	Voltage reversal	\geq 80%
8	Internal Inductance	\sim 70nH
9	Rated time on charge	\geq 1minute
10	Repetition rate	\geq 1 Shot in every 10 minutes
11	Quantity	8 units
12	Warranty	1 year

Acceptance Criteria at Site (IPR):

	IPR Requirements	Specification
1	Measurement of Capacitance Value	178 μ F \pm 10%
2	No Load Test	Voltage hold of capacitor units at rated voltage for 10 mins.
3	Full load Test	Capacitor units will be discharged across loads/shorted terminal to measure the peak output current.

Following Test Certificates are necessarily needed to be submitted **before delivery at IPR** for each capacitor unit:

- i. Capacitance and tan. delta measurement.
- ii. Withstand Voltage test at 1.1 times of rated Charging Voltage for more than or equal to 1 minute.
- iii. Discharge test at rated charging Voltage (5 shots)
- iv. ESL Measurement of a single capacitor

Note: All the above tests will be performed and the items should qualify as per procedures and standards laid down by Bureau of Indian Standards **IS 13666: 1993 (Reaffirmed 2008)**. Any other recognized International Standard if prescribed by the vendor may be allowed at the discretion of the buyer.

Technical Specification

	IPR Requirements	IPR Specification	Vendor Specification
1	Capacitor Type	Energy Storage Capacitor	
2	Rated Capacitance	178 μ F	
3	Tolerance	$\pm 10\%$	
4	Charging Voltage	15KV DC	
5	Total Energy at rated voltage	20KJ $\pm 10\%$	
6	Maximum discharge peak Current	150KA or more	
7	Voltage reversal	$\geq 80\%$	
8	Internal Inductance	~ 70 nH	
9	Rated time on charge	≥ 1 minute	
10	Repetition rate	≥ 1 Shot in every 10 minutes	
11	Quantity	8 units	
12	Warranty	1 year	

Acceptance Criteria at Site (IPR):

	IPR Requirements	Specification	Vendor Remarks
1	Measurement of Capacitance Value	178 μ F $\pm 10\%$	
2	No Load Test	Voltage hold of capacitor units at rated voltage for 10 mins.	
3	Full load Test	Capacitor units will be discharged across loads/shorted terminal to measure the peak output current.	
4	Following Test Certificates are necessarily needed to be submitted <u>before delivery at IPR</u> for each capacitor unit:	<ul style="list-style-type: none"> i Capacitance and tan. delta measurement. ii Withstand Voltage test at 1.1 times of rated Charging Voltage for more than or equal to 1 minute. iii Discharge test at rated charging Voltage (5 shots) iv ESL Measurement of a single capacitor <p>Note: All the above tests will be performed and the items should qualify as per procedures and standards laid down by Bureau of Indian Standards IS 13666: 1993 (Reaffirmed 2008). Any other recognized International Standard if prescribed by the vendor may be allowed at the discretion of the buyer.</p>	

Additional Clauses for Tenders

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
- II. "Bidder" (including the term 'tenderer' 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated herein before, including any agency branch or office controlled by such person, participating in a procurement process.
- III. "Bidder from a country which shares a land border with India" for the purpose of this Order means: -
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- IV. The beneficial owner for the purpose of (iii) above will be as under:
 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation-

 - a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company;
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- V. An Agent is a person employed control over the trust through a chain of control or ownership.
- VI. [To be inserted in tenders for Works contracts, including Turnkey contracts] The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

Certificate for Tenders for Works involving possibility of sub-contracting

“I 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; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]”

(To be printed in letter head)

Self-Certification under preference to Make in India order

Certificate

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., _____% excluding transportation, insurance, installation, commissioning, testing, training and after sales service support like AMC/CMC etc. as defined in above orders for the material against IPR Enquiry/Tender No.....dated..... 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



INSTRUCTIONS TO BIDDERS AND TERMS AND CONDITIONS

1. The Quotation and any order resulting from this enquiry shall be governed by our Conditions of Contract/Purchase Order and supplier quoting this enquiry shall be deemed to have read and understood the same in toto.
 2. Where counter terms and conditions have been offered by the Tenderer, the same shall not be deemed to have been accepted by IPR unless our specific written acceptance thereof is obtained.
 3. **Quotation:** Quotation should be submitted in the prescribed QUOTATION FORMAT attached with this Enquiry and the same should be submitted to the Purchase Officer, IPR in a sealed envelope superscribing the same with our enquiry No., date, due date and brief description of item on or before the due date. Late/delayed/incomplete/unsigned quotations will not be considered. Envelopes received without Enquiry number, date, due date and brief description of item may be rejected. The quoted prices should be firm for a period of 90 days from due date for placing order. IPR is not bound to accept lowest rate/s. IPR reserves the right to place on one or more parties. The scope of supply includes insurance by the Contractor/Supplier.
 4. **Specifications:** Material should be offered strictly confirming to our specifications/drawings. Deviation, if any, should be clearly indicated by the supplier in their quotation. The Tenderer should also indicate the Make/Type number of the materials offered and catalogues, technical literature and samples, wherever necessary should accompany the quotation. Clarification/s on drawings should be obtained before submitting quotation.
 5. **Terms of Prices:** Quotation should be submitted on door delivery basis without extra charge wherever possible. For quotations on Ex-Works, Ex-godown basis the approximate packing and forwarding charges should be indicated by the supplier. In the case of local suppliers, the material is to be delivered at our stores free of charge.
 - 5.1 In respect of tenders on Ex-works basis, in case the tenderer has not mentioned in the offer packing, forwarding and transportation charges for safe delivery up to Purchaser's site, 2% of the price quoted towards packing (in respect of both local and outstation firms), 1% of the basic price quoted towards safe delivery charges in respect of local tenderer and 3% of the basic price quoted towards safe delivery charges in respect of outstation firm will be added for comparison of offers on safe door delivery at Purchaser's site.
 - 5.2 Prices are required to be quoted according to the units indicated in the tender form/Enquiry. When Quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished
 6. Tender should be free from Correction and Erasures. Corrections, if any, must be attested. All 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. Unsigned quotations will summarily be rejected. If there is a discrepancy between the unit price and total price, unit price shall prevail.
 7. IPR shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rate quoted.
 8. **Goods & Services Tax (GST):** The details of Taxes/GST and other levies legally leviable and intended to be claimed should be clearly indicated in the tender. Where this is not done, no claim on these accounts would be admissible later.
 - a) **GST for Goods (IGST/CGST/SGST TAX BENEFITS):**

IPR is entitled to avail tax benefit as per the following notifications issued by Ministry of Finance, Department of Revenue, Government of India:
(1) No: 47/2017-INTEGRATED TAX (RATE) DATED 14/11/17 for IGST
(2) No: 45/2017-CENTRAL TAX (RATE) DATED 14/11/17 for CGST

And,

IPR is entitled to avail tax benefit as per the following notifications issued by Finance Department, Government of Gujarat:
(1) No. 45/2017-STATE TAX (RATE) DATED 15/11/17 for SGST

As per above notifications IPR will bear only 5% IGST for procurement of goods from outside Gujarat & 2.5% CGST and 2.5% SGST (total 5%) for procurement of goods within Gujarat. Vendors are required to charge tax as per these notifications while quoting/supplying the goods. Deviations, (if any) should be clearly mentioned in the quotation/offer.
- Please specify the HSN codes while quoting.**
- b) **GST for Services:**

As applicable. **Specify the SAC codes wherever services are involved.**
9. **Earnest Money Deposit (EMD):** Tenderer should furnish EMD if asked for by the Purchaser.
10. **Delivery Date:** Delivery period is essence of the Contract. Supplier must indicate the firm delivery date by which the materials will be dispatched/delivered by them from the date of our order. Delivery period shall be clearly indicated against each item separately.



प्लाज्मा अनुसंधान संस्थान
(भट, इन्दिरा पुल के पास, गांधीनगर 382428 - , गुजरात) भारत
Institute for Plasma Research

Bhat, Near Indira Bridge, Gandhinagar – 382428, Gujarat (INDIA)

Phone: +91-79-23962021 to 23962028 ; Fax: +91-79-23962277 Website: www.ipr.res.in



11. **Price/ Purchase Preference:** Purchase/Price preference to industries will be given as per the policy of the Government of India in force at the time of evaluation provided their offer is in compliance with the conditions of the policy.
12. **Liquidated Damages:** The successful Vendor/Bidder should pay liquidated damages @ ½% (half percent) of the total contract/order value for the delay of each week in the scheduled date of completion of the work envisaged in the Contract/Purchase Order subject to a maximum of 5% (Five percent) of the total Contract/Order value.
13. **Inspection:** Materials on its arrival at IPR will be inspected by our Engineer/Stores Officer, and his decision in the matter will be final. However, where the items are required to be inspected at the Suppliers Premises, Supplier has to give advance notice to the Purchase regarding readiness of the material to enable Purchase/Stores section to depute his representative for inspection.
14. **Payment:** Payment will be arranged for accepted materials only within 30 days from the date of receipt of materials at IPR and bills in our accounts section, completed in all respects.
15. No correspondence will be entertained within 30 days from the date of receipt of material and bills, whichever is later.
16. **Guarantee:** The Stores offered should be guaranteed for a minimum period of twelve months, from that date of acceptance, against defective materials, design, workmanship, operation or manufacture. For defects noticed and communicated during the Guarantee period, replacement/rectification should be arranged free of cost within a reasonable period of such notifications. In case where our specifications call for a guarantee period more than 12 months specifically, then such a period shall apply.
17. **Performance Bank Guarantee:** If demanded by IPR, the successful bidder will have to furnish Performance Bank Guarantee for 10% of the order value (basic price) from a Nationalised/Scheduled Bank/State Bank of India, valid throughout the Guarantee/Warranty period. The scheduled banks approved by IPR are Axis Bank, HDFC Bank, ICICI Bank and IDBI Bank. Bank Guarantees submitted other than from banks approved by IPR will not be accepted.
18. **Security Deposit:** If demanded the successful Bidder will have to furnish to the Purchaser an interest free security deposit for 10% (Ten percent) of the order value in the form of Bank Guarantee of an equivalent amount from a nationalized/ scheduled Bank/State Bank of India within 15 days from the date of LOI/Purchase order and the said Guarantee should be valid till the goods are accepted by IPR. The scheduled banks approved by IPR are Axis Bank, HDFC Bank, ICICI Bank and IDBI Bank. Bank Guarantees submitted other than from banks approved by IPR will not be accepted. The Security deposit shall be forfeited in case the selected Bidder does not start the work within the time limit specified or fail to complete the work within the stipulated delivery period or fail to comply with any of the terms and conditions in the purchase order/contract. On successful completion of scope of work and its acceptance by IPR, supplier should send a letter to the Purchase Officer to return the original BG.
19. The Contractor/Supplier shall at all times indemnify the purchase against all claims which may be made in respect of the stores for infringement of any right protected by Patent Registration of design or Trade Mark and shall take all risk of accidents or damage, which may cause failure of supply from whatever cause arising and the entire responsibility for sufficiency of all means used by him for the fulfilment of the contract.
20. **Free Issue Material (FIM):** Successful tenderer will have to arrange insurance showing beneficiary as “Institute for Plasma Research” at their risk and cost towards adequate security for the materials/property provided/issued by the Purchaser as Free Issue Material for the due execution of the contract.
21. The Director, IPR reserves the right to accept or reject any quotations fully or partly or to cancel the enquiry without assigning any reason.
22. **Jurisdiction:** The contract shall be governed by the Laws of India for the time being in force. The Courts of Gandhinagar only shall have jurisdiction to deal with and decide any legal or dispute arising out of this Contract/Purchase Order.

(This need to be printed in Bidders letter head)

1. Please quote with complete technical details.
2. Quotation should be submitted with below (Quotation format) else IPR shall not consider the offer submitted by the vendor for further evaluation

NAME OF PARTY : _____

ENQUIRY NO: _____ DUE ON: _____

QUOTATION No. & DATE : _____

Currency of Quotation: **Indian Rupees**

Sr. No.	Item Description	HSN/ SAC Code	Quantity	Unit Rate (Basic)	Packagi ng & forwardi ng (P&F)	Applicab le GST	Rate (incl P&F and GST)	Total Value
			a	b	c	d	e= b+c+d	f = a x e
1								
2								
3								
4								

Sr. No.	PARTICULAR	Remarks
I.	Ex-works / FOR Destination	
II.	Freight	
III.	Insurance	
IV.	Delivery Period	
V.	Payment (IPR terms will apply)	
VI.	Guarantee / Warrantee	
VII.	Validity Period	
VIII.	Discount (if any)	
IX.	Remarks	

Note: Enclose technical compliance sheet with your quotation Fill in the all applicable details.

Place:

Authority Signatory

Date:

Company Seal

**Bidder should submit the copy of GSTIN / ARN Certificate along with the offer
Bidder should specify the SUPPLY and SERVICE rates/ charges separately wherever applicable**