

INTER - UNIVERSITY ACCELERATOR CENTRE

(An Autonomous Centre of UGC)

Aruna Asaf Ali Marg, New Delhi - 110067

NOTICE INVITING E - TENDER

Tender Number : IUAC/NIT/17/BPK/2020-21

Dated : 10/12/2020

Inter - University Accelerator Centre (IUAC) invites online bids on behalf of the Director IUAC, New Delhi through e-procurement Portal under two bid system, viz., Technical and Financial bids, from eligible / experienced parties for the work/supply of **“Supply of 266nm NdYAG laser system as per Annexure A ”**.

Tender Documents may be downloaded from Central Public Procurement (CPP) Portal free of cost <https://eprocure.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement portal should enroll / register before participating through the website <https://eprocure.gov.in/eprocure/app>. Bids should be submitted online only at website: <https://eprocure.gov.in/eprocure/app>. Tenderers / Contractors / Bidders are advised to follow the instructions provided in the e-procurement portal. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned documents.

Only bids received through e-procurement portal will be considered for opening. Bids not covering full scope of work/supply of the products/goods will be rejected and only complete bids will be considered. IUAC reserves the right to accept / reject any / all tenders in part / full without assigning any reasons whatsoever, and the decision of IUAC in this regard will be binding on all the bidders.

As per notification no. F/9/4/2020-PPD dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure, Govt. of India, bidders have to submit “Bid Security Declaration” accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents”. Tenderers registered with MSME/NSIC (the unit being registered for the item/work tendered)are required to upload copy of valid registration certificate in the website <https://eprocure.gov.in/eprocure/app> along with technical bid.

Bidders are advised to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard .XLS BOQ Format with the tender document, then the same is to be downloaded and to be filled and submitted online without modifying the format. **If the BOQ file is found to be modified by the bidder, the bid will be rejected.**

Any Corrigendum / Amendments in respect of above tender shall be issued on website <https://eprocure.gov.in> and www.iuac.res.in only. Bidders should take into account any corrigendum published on the tender document before submitting their bids. The Director, IUAC reserves the right to accept/reject any/all tenders in part/full without assigning any reasons thereof.

E - TENDER DOCUMENT

Name of Work / Supply	Supply of 266nm NdYAG laser system as per Annexure A
Tender Number	IUAC/NIT/17/BPK/2020-21
Tender Value / Estimate only	Rs. 17,00,000/- (Seventeen lakhs)
Earnest Money Deposit	NIL
Tender Document Fee	NIL
Bid Submission End Date and Time (Part - A and Part - B)	04/01/2021 at 03:00 P.M.
Technical Bid Opening Date (Part - A)	05/01/2021 at 03:30 P.M.
Price Bid Opening Date (Part - B)	To be intimated later on to the technically qualified bidders
Contact Person	Administrative Officer (S&P) E-mail: iuacstores@gmail.com Phone: 011-24126018, 24126022.

General Terms and Conditions of the Tender :

1. **Submission of Tender :**

Tenders should be uploaded on CPP Portal in two parts, i.e., Technical Bid (Part - A) and Price Bid / BOQ (Part - B).

2. **Technical Bid (Part - A) :**

Prequalification of the bidder

Only Original Equipment Manufacturer (OEM) or their authorized (sales and service) representatives are eligible to quote. The authorized representatives shall have to submit the certificate of authorization from the OEM along with the BID. The bidder should be indigenous supplier.

The bidder must be an internationally reputed firm/company/manufacturer or their representative of Nd-YAG Laser system, who has supplied similar type Laser system to the internationally reputed laboratories worldwide and in India and carried out similar work in the laboratories worldwide. Only Original Equipment Manufacturer (OEM) or their authorized (sales and service) representatives/dealers are eligible to quote. No deviations in respect of NIT conditions are acceptable. In this bid, the bidder should upload the following documents :

1. Tender Acceptance Letter (written on company letter head, duly signed and stamped.) as per format provide in **Annexure B**, as a token of acceptance of the NIT conditions, with this bid.
2. Profile of the Tenderer as per **Annexure C**
3. Bid Security Declaration as **per Annexure D**
4. The authorized representatives/dealership certificate with authorization from the OEM.
5. The quoted item should be a standard catalogue product, displayed prominently in product catalogue / OEM website.
6. Drawings/ test results/catalogues/other technical specifications of the products indicating it's ability to meet the technical specifications.
7. One copy of successfully executed purchase order and Client's satisfactory certificates of the same order value more than Rs.10,00,000/- (Rupees ten lacs) for the supply of similar kind of system to reputed organizations, Govt. dept., Public sector & Autonomous bodies for minimum qualification in India in the last 4 years.
8. The bidder should not be blacklisted by any Government, or Government Department, whether in the Central/State/District levels across India. An undertaking in this regard as per Annexure-B be enclosed with the Technical Bid.

Technical bids which are not confirming to the technical specifications will be disqualified.

Scope of work : As per the technical specifications and other details given in Annexure A.

3. **Price Bid / BOQ (Part - B) :**

In this bid, the bidder is required to quote unconditional rates in the .XLS BOQ format provided with this tender. Quotes in INR will only be accepted.

The Indigenous suppliers quoting in INR should quote the rates all inclusive upto IUAC and excluding GST. IUAC is exempted from Customs Duty and GST and necessarily certificates shall be issued by IUAC along with the PO. The BOQ file must not be modified.

4. **Earnest Money Deposit:**

As per notification no.F/9/4/2020-PPD dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure, Govt. of India, bidders have to submit "Bid Security Declaration" accepting that if withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents.

5. **Validity of Tender:**

Tender shall be valid for our acceptance without any change in the rates and NIT conditions for a period of 120 days from the date of opening the price bid. No escalation of cost will be acceptable in any condition after opening of tender.

6. **Escalation / Deviation** : No escalation or deviation shall be allowed till execution of order / contract.

7. **Installation/commissioning:** -

The equipment must be installed/ commissioned and demonstrated by the supplier at IUAC within one month time period after delivery of goods at IUAC and the same will be put under operation to the satisfaction of the team of experts constituted by IUAC who will test the performance of the equipment. The system will be accepted after the No separate charges for installation etc. will be paid to the party beyond the quoted prices.

8. **Terms of Payment** :

70% of the payment shall be made after the delivery of all the goods at IUAC. 20% of the total payment shall be made after successful technical inspection and acceptance of all the components at IUAC. The payment process will be initiated on submission of the bills by the bidder and after due certification by the concerned IUAC personnel. Balance 10% of the total payment will be retained as Security Deposit and shall be paid on completion of one year warranty period.

9. **Guarantee/Defect liability period:**

The supplied material should guarantee for the manufacturing / engineering defect and bad material/workmanship for a minimum period of one year from the date of acceptance of the goods by IUAC. During this period if any replacement, repairs/rectification of any of the supplied item etc. is needed, the supplier shall do the same free of cost to IUAC.

10. **Timeline for supply:**

The material should be supplied within 90 days from the date of issue of Purchase order. Any delay in completion of the work/supply due to reasons attributable to the vendor / manufacturer is liable to liquidated damages as per clause 11 of this NIT. However, under the force-majeure conditions as per clause 12 of NIT, IUAC may grant suitable time extension for which vendor has to request along with the justification / reasons well in advance to the Director, IUAC for approval without any prejudice or price escalation.

11. **Liquidated damages:**

In case the delivery of the listed items is delayed beyond the specified delivery period for reasons attributable to the supplier, deductions on account of liquidated damages @ 1% per week subject to maximum of 10 % of the total order value will be deducted.

12. **Force Majeure:**

IUAC may grant an extension of time limit set for the supply items in case it is delayed by force majeure beyond the supplier's control. Force majeure is defined an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, tsunami etc.), the direct and indirect

consequences of wars (declared or undeclared), national emergencies, civil commotions and strikes (only those which exceeds a duration of ten continuous days) at successful Tenderer's factory. Apart from the extension of the time limit, force majeure does not entitle the successful tenderer to any relaxation or to any compensation of damage or loss suffered. The decision of the Director, IUAC will be final and binding for the bidder.

13. **Post Warranty Period:**

Annual Maintenance Contract (AMC) for a period of three years of post-warranty with required spares should be offered as an optional item. The buyer keeps rights reserved for choosing or not choosing the option. During AMC the spares will be kept at IUAC except some major components. During the period of AMC, the supplier should clearly specify contact details of the authorized personnel for servicing/maintenance etc. in the tender document. The response time for attending a fault should be maximum two weeks in case of Indian agent. In such cases the supplier will pay the travel, lodging, etc. charges.

14. **Manpower Training:**

IUAC Scientist/Engineers will be trained by supplier at IUAC. The IUAC personnel will witness and participate in the complete process of installation, testing and operation of the system.

15. **Final Acceptance:**

The final acceptance of the system is defined as successful completion of shipment, installation and acceptance tests at IUAC to substantiate compliance with the specification mentioned in annexure A.

16. **Software and application:**

All the software including OS, drivers etc. with required license with installable media (if applicable) required for operation of the Nd-YAG Laser system should be supplied with the system.

17. **Correspondence :**

All the correspondence in respect of tender / contractual obligation shall be made to The Administrative Officer (S&P), Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi - 110067. E-mail : iuacstores@gmail.com, Phone : +91-11-24126018, 24126022.

18. **Tender Rejection :**

(a) Director, IUAC reserves the right to accept/reject any/all tenders in part/full without assigning any reason whatsoever and the decision of the IUAC in this regard will be binding on all the bidders.

(b) Bids received by means other than e - procurement portal will be rejected.

(c) Only complete bids will be considered and incomplete bids will be rejected.

(d) If BOQ file is found to be modified by the bidder, the bid will be rejected. Only INR quote will be acceptable.

(e) Tenders not complying with any of the provisions stated in this tender document are liable to be rejected.

(f) If the General Terms and conditions are not accepted and not signed by the bidders, then the tender will be rejected.

(g) Tender will be rejected on non-submission of 'Bid Security Declaration'.

19. **The contract shall be governed by the Indian Laws. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi / Delhi only.**

Accepted

(Signature of Bidder)

ANNEXURE – A

NAME of Work/supply : Supply of 266nm NdYAG Laser system

1. Description of the items

Item No	Description	Qty
1	266nm wavelength Diode pumped Neodymium YAG laser system	1

2. Detailed specification

Optical Specification	
Wavelength (nm)	266 nm
Pulse Width	≤ 1 ns
Pulse Energy @ 266 nm	≥ 12 μJ @ 1 KHz
Maximum Repetition rate	≥ 1KHz
Required repetition rate flexibility	1 Hz to the highest repetition rate
Beam diameter at waist (1/e ² level, mm)	1-2 mm
Beam Quality spatial mode	TEM ₀₀
Beam Divergence (Full angle, mrad)	< 2 mrad
Polarization ratio vertical	100:1
Pulse energy stability @ 266 nm	< 5% rms over minimum 2 hours
Pointing Stability	< 200 μm
Pulse to pulse rms stability	<2% over 1000 pulse @ 1 KHz replate
System Specification	
Pumping mechanism	Diode pump
Lifetime	One year on complete system or 1 billion shots
Electrical Specification	
Supply Voltage	230V +/- 10V for single phase

Supply Frequency	50Hz +/- 2Hz
Interface	RS232 and USB
External trigger	From 1 Hz to maximum repetition rate TTL signal (specifically at 3, 5 and 50Hz)
Internal trigger	For single pulse to maximum repetition rate
Synchronization output	Photodiode output to synchronize another external source with the laser system
Environmental Specification	
Chiller	Air cooled or water cooled*
(*If water cooled then it should be loop water connection and all the related accessories should be included)	
Operating Temperature	20 ⁰ -30 ⁰ C (Tolerance should be specified by the company. Should not be less than +/- 2 ⁰)
Humidity	~40% - 70% (Tolerance should be specified by the company. Should not be less than +/-5%)
I/O control Specification	
Output shutter for 266 nm	Switch and remote control open/close shutter
Rep rate control	Option to change the repetition rate from 1 Hz to highest rep rate
Emergency stop	Option for Stopping the laser in emergency
Interlock	Interlock termination feature (Emergency Shutter is preferable)
General Specification	
Laser Head Dimension (Lx W) & Weight	Laser should be Compact with dimension to be placed comfortably on a 600mmx900mm breadboard Laser Head weight should be lesser than 6 kg
Power Supply / Converter Dimension (Lx W X H) & Weight	Power supply should be Compact with dimension < 600 mm x 400 mm x 300 mm Power supply weight should be lesser than 6 kg
Warranty and after sell service	One year minimum, comprehensive warranty on the complete system including all parts. Any damage or repair required in this period should be attended by the

	<p>vendor free of cost within three weeks of period of reporting. All the transporting and packaging cost required for the repair should be borne by the vendor completely. It should be specified that who will be the authorized personnel for servicing/maintenance etc. The vendor will be required to supply the spares as per requirement for at least 6 years.</p>
Annual maintenance Contract (AMC)	<p>AMC for next 3 years after the warranty period must be quoted as an optional item in the quotation. The buyer keeps rights reserved for choosing/not choosing the option.</p>
Compliance certificates	<p>The system parts should be ISO certified. It should also satisfy IEC 60825 for the safety protocols.</p>

ANNEXURE-B

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

Date:

To,
The Director
IUAC, New Delhi-67

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: IUAC/NIT/17/BPK/2020-21

Name of Tender / Work: - Supply of 266nm NdYAG laser System as per Annexure A

Dear Sir,

I/ We have downloaded / read and examined the tender document(s) for the above mentioned Tender /Work from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

1. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
2. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
3. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
4. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
5. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

INSTRUCTION TO BIDDERS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bids electronically on the CPP Portal. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app> .

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- 2) As part of the enrollment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Bidder then logs in to the site through the secured log-in by entering their user ID / password

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders“ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Help desk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents -

including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS /JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or „“Other Important Documents”” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

4. The server time (which is displayed on the bidders“ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

5. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

7. Upon the successful and timely submission of bids (ie after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

8. The bid summary has to be printed and kept as an acknowledgment of the submission of the bid. This acknowledgment may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Help desk. The contact number for the help desk is 1800 3070 2232.

Annexure-C

PROFILE OF THE TENDERER

(To be given on Company Letter Head)

TENDER FOR SUPPLY OF 266NM NdYAG LASER SYSTEM

1. Name of the Firm / Organization :

2. Address :

3. Telephone No. / Mobile No. & Name of the Contact Person :

4. Fax No. :

5. E-mail ID :

6. Month and Year of establishment :

7. Name of proprietor / partners/director :

8. No. of years of experience in this field, with Reference, Certificates :

9. Annual Turnover during the last three years (Enclose copies of Audited Financial Statement)

2017-18 :

2018-19 :

2019-20 :

10. Whether the firm is an Income Tax Assessee? If

so please give the details
of PAN No. :

11. GST Registration No. :

12. Name of the OEM and address :

Signature of the Tenderer & Seal

Annexure -D

BID SECURITY DECLARATION

(To be given on Company Letter Head)

As per notification no.F/9/4/2020-PPD dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure, Govt. of India, I/We hereby accepting that if the bids related to **“Supply of 266nm NdYAG Laser System”** are withdrawn or modified by me/us during the period of validity etc., IUAC has right to suspend the bid for the time specified in the tender documents.

Signature of the Tenderer & Seal

Part-B

BOQ/PRICE BID

(Price should be quoted in the standard BOQ format of this tender, Incomplete price bid will be rejected)

Tender Inviting Authority: INTER UNIVERSITY ACCELERATOR CENTRE

NAME of Work/supply : Supply of 266nm NdYAG Laser system

3. Description of the items

Item No	Description	Qty
1	266nm wavelength Diode pumped Neodymium YAG laser system	1