

E-Tender Document

UNIVERSITY OF DELHI

Department of Chemistry



Fluorescence Microscope with digital Recorder

E-TENDER DOCUMENT

Dr. Indrajit Roy

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E-PROCUREMENT TENDER NOTICE

Dr. Indrajit Roy, Department of Chemistry, University of Delhi invites tenders under Two Bids System (Technical and Financial) from reputed & eligible agencies through e-procurement **Fluorescence Microscope with digital Recorder** in the Department of Chemistry, University of Delhi, Delhi-110007

Item Details/Date

Bid Document Download Start Date	22-02-2018
Bid Submission Start Date	22-02-2018
Bid Submission End Date	16-03-2018
Technical Bid Opening Date	20-03-2018

Notes:

- (i) All details regarding the subject tender are available on our websites www.du.ac.in and <https://eprocure.gov.in/eprocure/app>. Bidders are therefore, requested to visit our websites regularly to keep themselves updated.
- (ii) Manual bids shall not be accepted.
- (iii) For submission of E-Bids, bidders are required to get themselves registered with <http://eprocure.gov.in/eprocure/app>. Tender document's cost and EMD, **payable to "The Registrar, University of Delhi"**, should reach the Dr. Indrajit Roy, Department of Chemistry, University of Delhi, Delhi-110007, before the end date and time of bid submission. Failing which offer will be liable for rejection. Bidder, however have to attach scanned copies of tender cost along with their e-tender.
- (iv) Clarifications/ queries, if any, can be addressed to Dr. Indrajit Roy, Department of Chemistry, University of Delhi, Delhi-110007
- (v) Dr. Indrajit Roy, Department of Chemistry, University of Delhi, Delhi-110007 on phone no. 9560721851 and email: indrajitroy11@gmail.com, iroy@chemistry.du.ac.in

Dr.Indrajit Roy

Notice inviting online tender for **Fluorescence Microscope with digital Recorder** Sealed online tenders are invited under two bid system (technical & Financial) form required from manufacturers and suppliers for supply and installation of **Fluorescence Microscope with digital Recorder** as per enclosed specification, layout design, term and condition by the office of the Registrar, University of Delhi, Delhi-110 007

List of Item and Technical Specifications

S. No	Fluorescence Microscope with digital Recorder	
1	Microscope Body:	Inverted Microscope with Infinity corrected optics, Extendable optical space for future up gradation/stage up design, light distribution facility Eyepiece/ camera port 100:0,20/80, with side Port for attaching camera And provision of 2nd camera port for another camera up gradation in future, binocular tube & with built in magnification changer 1x-1.5x.
2	Condenser:	Universal turret condenser with 6-7 positions, suitable for Microscopy applications i.e Bright Field, Phase Contrast & DIC .
3	Illumination :	Uniform High Intensity LED Illumination.
4	Eyepieces:	10X with F.O.V 22 or better with dioptr adjustment facility.
5	Nosepiece:	Sextuple revolving Nosepiece with waterproof design
6	Stage	Plain stage with glass/acrylic stage ring
7	Objectives	Suitable Long working distance Objectives for Bright Field, Phase Contrast & Fluorescence application; <ul style="list-style-type: none"> ➤ 10x, N.A.0.25, W.D. 6.2 mm for BF/Phase/ Fluorescence. ➤ 20x, N.A.0.40,W.D. 3.1 mm for BF/Phase/ Fluorescence 40X, N.A. 0.60,W.D. 3.6-2.8mm for BF/Phase/Fluorescence.
8	Epi fluorescence Attachment	With 6 position filter block turret with Noise Terminator mechanism for high signal to noise ratio images with 100W HG Illumination. Narrow Band pass Fluorescent filters for DAPI/ Hoechst, FITC/GFP & Rhoda mine/PI Fluorescence Dyes applications.
9	Digital Color Camera	Digital Color CMOS/CCD camera with approx. 5.00 million pixel resolution or better; Live display mode: (9-15 frames/sec. at full Resolution i.e. 5 Pixel resolution; 26-30 frame/sec. with ROI & Binning mode or better) ;Exposure time: 1msec. – 30 sec. or better; with USB 3/ Fire wire port for transferring acquired camera onto desktop/laptop with C-mount camera adapter.
10	Image Analysis Software	<ul style="list-style-type: none"> • Image Acquisition, Analysis & Multi-Channel Merging, • Time Lapse Imaging, Annotation, • Manual Measurement, counting, • Large Image, Macro, Report Generator facility, <ul style="list-style-type: none"> • Vector layer & Multi-Dimensional File Format.
11	Data Processing Unit	Branded Computer with i-5 Processor,4 GB RAM,500 GB HDD, keyboard, optical mouse, DVD writer, 21" TFT color monitor, multimedia kit, Windows 7/10 OS (64 Bit), USB 3/ fire wire port & cable along with UPS.
		NOTE : <ul style="list-style-type: none"> ➤ MICROSCOPE, CAMERA & SOFTWARE FROM SAME MANUFACTURER FOR BETTER COMPATIBILITY, INTEGRATION / UPGRADATION OPTION. MICROSCOPE SHOULD HAVE DIC UPGRADABILITY OPTION IN FUTURE.

The details of the tender, items (s) and their technical specification are as under:

INFORMATION & INSTRUCTIONS FOR BIDDERS

Earnest Money Deposit	Rs 5000/-
Cost of Tender Form (Non-Refundable)	Rs. 500/- (Rupees Five Hundreds only) through Demand Draft/Banker's cheque in favour of " The Registrar, University of Delhi ".
	Tender cost should reach the Dr.Indrajit Roy, Department of Chemistry, University of Delhi, Delhi-110007 before end date and time of bid submissions. Bidders however have to attach scanned copies of tender cost document along with the E-Tender (Technical Bid). Tender Document may be downloaded from the University website www.du.ac.in and CPPP portal http://eprocure.gov.in/eprocure/app as per the schedule.
Bid Document Download Start Date and Time	22-02-2018
Bid Submission Start Date and Time	22-02-2018
Bid Submission End Date and Time	16-03-2018
Technical Bid Opening Date and Time	20-03-2018

1. Bid Submission

"Technical Bid" shall be submitted as per Annexure I

"Financial Bid" shall be submitted as per Annexure II

Bids shall be submitted online only at CPP portal: <https://eprocure.gov.in/eprocure/app>.

Tenderer/contractor are advised to follow the instructions provided in the 'Instructions to the Contractor/Tenderer' for the e-submission of the bids online through the Central Public Procurement Portal for e-procurement at <https://eprocure.gov.in/eprocure/app>.

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

Tenderer who has downloaded the tender from the University website www.du.ac.in and Central Public Procurement Portal (CPPP) <https://eprocure.gov.in/eprocure/app>, shall not tamper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tampered/ modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with Delhi University.

Intending tenderers are advised to visit again University website www.du.ac.in and CPP Portal <https://eprocure.gov.in/eprocure/app> at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.

2. OPENING OF FINANCIAL BID AND EVALUATION

Financial bids of eligible and technically qualified bidder will be opened. The lowest financial bid in respect of desktop will be considered award of work.

The Cost of Tender of Rs. 500/- (Rupees Five hundred) must reach Dr.Indrajit Roy, Department of Chemistry, University of Delhi, Delhi-110007 before the end date of bid submission. Bidders, however have to attach scanned copies of tender cost along with the e-tender.

Tenders with no earnest money deposit and cost of tender document will be summarily rejected. In case of successful bidder of the financial bids, the earnest money deposit will be returned on submission of performance Bank Guarantee.

In the case of unsuccessful bidders, the Earnest Money Deposit will be refunded without any interest.

3. FINAL DECISION MAKING AUTHORITY

The University reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders. No claim whatsoever will be entertained/paid by the university to the bidder(s).

4. SUMMARY REJECTION OF TENDER:

The tenders not accompanied with Earnest Money Deposit, Cost of Tender Document shall be summarily rejected. Similarly, if the bidder proposes any alternation in or additions to the prescribed form of tender or decline to carry out any work of the tender document; or any conditions mentioned, etc., his tender is liable to be rejected.

5. AMENDMENT OF TENDER DOCUMENT:

Before the deadline for submission of tender, the University may modify the tender document by issuing addendum/corrigendum.

6. Any addendum/corrigendum thus issued shall be a part of the tender document and shall be uploaded on the University website (www.du.ac.in) and CPP portal <https://eprocure.gov.in/eprocure/app>. Prospective bidders must visit the website before filling and submission of Tender Document for such information.

7. ARBITRATION AND SETTLEMENT OF DISPUTES:

In the event of any question, dispute or difference arising under this agreement or in connection there with (except as to matter the decision of which is specifically provided under this agreement), the same shall be referred to sole arbitration of the Registrar or any other person as approved by the Vice-Chancellor, University of Delhi. There will be no

objection for any such appointment on the found that the arbitrator is an Employee of University of Delhi or that he/she has to deal with the matter to which the agreement relates or that in course of his/her duties as University of Delhi Employee he/she has express views on all or any of the matter under dispute. The award of the arbitrator shall be final and binding on the parties. The arbitrator may from time to time with the consent of parties change the time for making and publishing the award. Subject to India Arbitration and Conciliation Act 1996 and the Rules made there under, any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause.

8. TERMS OF PAYMENT

PAYMENT MODE: After, the award of the contract, the vendor has to submit the bill on quarterly basis. The Payment will be released though RTGS after providing of job performance certificate from concerned departments/branches/offices.

The break down maintenance call shall have to be attended within one week.

INSTRUCTIONS FOR ONLINE BID SUBMISSION:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. 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 enrol 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 Enrolment” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username 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) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

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 Helpdesk.

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 / RAR / DWF/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) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender

- documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable.
 - 6) 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.
 - 7) 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 125 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.
 - 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
 - 9) 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.
 - 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement 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 Helpdesk.

Annexure-I

TECHNICAL BID

1. Name of the Company _____

2. Address (with Tele No. fax No. & e-mail) _____

3. Contact person Name and mobile number _____

4. (a) The number of years of experience in dealing Camera systems.

(b) Total value per year of Business during the last three years _____

(Attested certificate from Chartered Accountant should be attached.)

5. (a) Registration Number _____

(b) GST number _____

(c) PAN Number _____

(d) Service Tax Number _____

6. Technical details of Audio/sound as per details given below:

1. Installations charges if any should be mentioned clearly in the bid

2. One Year Warranty should be provided.

NOTE: - PRICES TO BE OFFERED F.O.R., Dr. Indrajit Roy, Department of Chemistry,
University of Delhi, Delhi-110007

Document Confirmation

S.No.	Document	Whether attached
1.	Whether the firm is in existence for three years or more in the trade in Central/State Govt. /Autonomous bodies. If yes necessary documents should be Attached.	
2.	Have you attached copies of the last three financial years	
3.	Have you attached a copy of authorization certificate	
4.	Have you attached a certificate regarding the technical assistance, repair and maintenance charges will be included in the financial bid	
5.	Have you attached a copy of Service Tax Registration Certificate, GST, Registration Certificate and PAN Certificate	
6.	Have you attached details of complete address of the company office and service centre with names of contact person (s) and their telephone/mobile/fax numbers	
7.	Have you attached a letter that company/vender has not been blacklisted by any state/central government/public section undertaking/university in India in the last 3 years	
8.	Have you attached a copy of the tender acceptance letter	

Declaration

I hereby certify that the information furnished above are full and correct to the best of our knowledge. We understand that in case any deviation is found in the above statement at any stage, the company will be black-listed and will not have any deal with the Organizations in future.

Authorized Signature

With Seal of Company

ANNEXURE II

Financial Bid

S.No.	Description of Items	Quantity	Unit cost	Total inclusive taxes	cost all
1	Fluorescence Microscope with digital Recorder as per details given in Annexure I	01			
F.O.R. University of Delhi, Delhi-110007					

Authorized Signatory

With seal of company

Annexure-II

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

To,

Sub: Acceptance of Terms & Condition of Tender.

Tender Reference No: _____

Name of Tender / Work:-

Dear Sir,

1. I/We have downloaded/obtained 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).

2. I/We hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. ____ to ____ (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.

3. The corrigendum(s) issued from time to time by your department / organization too has also been taken into consideration, while submitting this acceptance letter.

4. I/we hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/entirely.

5. I/we do hereby declare that our firm has not been blacklisted/ debarred by any Govt. Department/Public Sector undertaking.

6. 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/organization 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 including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully

(Signature of the Bidder, with Official Seal)