

**JAMIA MILLIA ISLAMIA
JAMIA NAGAR, NEW DELHI-110025**

Notice for Open Tender Enquiry

Tenders are invited under two bid system from reputed agencies for the purchase of "**Fluorescence Microscope + 4 MP CMOS Monochrome Camera**" for MCARS, JMI. The tender documents along with other details may be downloaded from the University Website: <http://jmi.ac.in>.

(A. P. Siddiqui), *IPS*
Registrar, JMI

Dated:-12/05/2017



JAMIA MILLIA ISLAMIA
Jamia Nagar, New Delhi-110025
Ph: 011-26982759

Notice Open Tender Enquiry

No.NIT- 13/Equipment/MCARS/JMI/2017

Date:-12.05.2017

Sealed quotations are invited in two bids systems from reputed companies/authorised distributors/dealers for the supply of Equipments for the Multidisciplinary Centre for Advance Research & Studies (MCARS), JMI. Bid document with other terms & conditions can be downloaded from JMI Website: www.jmi.ac.in and be submitted with bid fee and notified EMD as per following:

1. Technical Bid, with Tender Fee and EMD should be sealed in a separate envelope subscribing the **“Technical Bid for Tender No. NIT- 13/Equipment/MCARS/JMI/2017”**
2. Financial Bid should be sealed in a separate envelope subscribing **“Financial Bid for Tender No. NIT- 13/Equipment/MCARS/JMI/2017”**

Both Technical and Financial Bid envelopes should be enclosed and sealed in separate envelopes subscribing the Tender Number and due date addressed to:

Bid fee-DD (non-refundable)	Last Date for submission of bids/Time	Venue for Submission & opening of Bids
Rs.500/-	12/06/2017 by 01:00 p.m.	Office of the A. R, Purchase & Inventory Control Office, JMI 12/06/2017 by 01.00 p.m Opening of Technical Bids at <u>Multidisciplinary Centre for Advance Research & Studies(MCARS)</u> , JMI on 12/06/2017 at 2.30 p.m. Opening of Financial Bids: will be separately notified to the technically shortlisted bidders

Eligibility Criteria:

1. The Bidder should be a reputed and an authorized firm/supplier having after sales service agreement with the OEM (Proof for the same to be enclosed alongwith address, phone nos. & E-mail etc. of the Service Centre).
2. If ISO certified Company, enclose documentary proof.
3. The bidder should have experience of more than five years in execution and maintenance of equipments quoted (A certificate of establishment to be provided).
4. The bid document complete in all respect should reach the Asst. Registrar(PICO), Jamia Millia Islamia, Jamia Nagar, New Delhi-110025 on or before 12.06.2017 by 01.00 p.m.
No bids after the last date shall be entertained.

Sequence of documents to be provided/enclosed in each copy of the bid documents:

1. Forwarding letter duly signed by the Authorized person.
2. Balance sheet with auditor’s report for the years 2015-16 & 2016-17.
3. Latest Income Tax Return Certificates.
4. Central Sales Tax/VAT.

5. Proof of the authorized agent/distributors/supplier.
6. Sole Proprietary/sole manufacturer certificate for proprietary item.
7. List of Similar equipments supplied by the firm with addresses and phone numbers of customers with satisfactory completion certificate/satisfactory working certificates.
8. Name and address of registered office, Head Office and Regional office of the company with name and phone numbers of key persons.
9. Format of Schedule of Requirements at Annexure-I
10. Self-declaration at Annexure-II
11. Format for Supplier/Distributor information at Annexure-III
12. Technical Bid at Annexure-IV
13. Financial Bid at Annexure-V
14. Acceptance of all clauses of bids specification duly signed page-wise.

Sd/-
Registrar, JMI

Conditions of Contract

Terms & Conditions:

1. The bidder shall be required to deposit **2% Earnest Money** of estimated value of goods to be procured through Bank Draft/Fixed Deposit Receipt/Bank Guarantee drawn in favour of **'The Registrar, Jamia Millia Islamia.'** No bid shall be accepted without the Earnest Money and Bid Fee. The JMI shall forfeit EMD, if the successful bidder fails to furnish the required Bank Guarantee.
2. The successful supplier will submit a Bank Guarantee equivalent to 5% of the total value of purchase order at the time of installation which would remain valid for a period of 60 days beyond the date of completion of all obligations of the supplier including warranty obligation. EMD will be released to successful bidder after submission of Bank Guarantee. JMI shall forfeit Bank Guarantee in the event of a breach of contract by the successful supplier.
3. Bids would be rejected for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question.
4. The bids received after the deadline for submission of bids prescribed by the JMI will be rejected and such bids shall be marked as late and not considered for further evaluation.
5. The JMI may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with clause relating to Amendment of Bidding documents in which case all rights and obligations of the JMI and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
6. The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialled by the person or persons signing the bid. Further, over-writings on documents, if any should be supported by signatures.
7. The bidders may submit their duly sealed Bid by post or by hand at the address specified in the Notice Inviting Quotation not later than the time and date specified therein. In the event of the specified date for the submission of bid being declared a holiday for the JMI, the bid will be received up to the appointed time on the next working day.
8. Issuance of bid documents should not automatically be construed that the bidder is considered qualified. The JMI Authority has the right to reject any bids on technical grounds without assigning any reason.
9. Jamia Millia Islamia shall not be responsible for any delay, loss or non-receipt of bid documents sent by post.
10. Prices shall be quoted in Indian Rupees for offers received for supply within India and in US dollars as per the Financial Bid format in case of offers received for supply from foreign countries. The prices quoted should be CIF or FOR, JMI destination.
11. The JMI may decide to open a letter of Credit or Wire Transfer in cases where it so decides. Any variation in price from the importer and manufacturer be indicated well in advance.

12. The imported equipments should be quoted by the authorized supplier/dealer. In this case, commitment of after sales service with the period applicable should be clearly mentioned.
13. Payment shall be made after delivery, successful installation, commissioning & submission of Bank Guarantee.
14. All taxes, if applicable, should be quoted separately, otherwise it would be presumed that the quoted prices are inclusive of taxes (please see Financial Bid format).
15. Prices quoted should be FOB/FOR, JMI, New Delhi inclusive of all charges required to make the equipment functional to the satisfaction of JMI, otherwise it would be presumed that the quoted prices are inclusive of all charges, if applicable.
16. In case price for imported goods are quoted in FOR, the JMI will provided customs duty exemption certificate, if the import is made in the name of JMI and the supplier should submit original Bill of Entry in the name of the Registrar, JMI.
17. Delivery should be within specified days mentioned in Purchase Order. If the equipment/instruments are not delivered within the stipulated time, the supplier shall be liable to pay a penalty of 1% of the total order value for each delay of 10 days or part thereof and the amount will be deducted from the payment on account of purchase.
18. The suppliers will undertake warranty of equipment/instruments from the date of installation and shall have to mention clearly the period of warranty in financial bid.
19. The quotations must be valid for 180 days (six months) from the date of opening of the financial bids. No change in prices and change in terms and conditions will be permitted.
20. All quoted items may carry brochure/catalogue/Pamphlets/Technical Literature and related documents.
21. The supplier further warrants that the goods shall be free from defects arising from any act or omission of the supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.
22. Installation, testing, commissioning of the equipments should have to be carried out by Technical experts of the company/supplier up to the satisfaction of user department of JMI.
23. Free training shall be imparted to faculty/technical staff for operation, maintenance and troubleshooting at the user department of JMI.
24. The bidder may submit the proprietary certificate for the item(s), if applicable.
25. In a bid, 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 bid.
26. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same bid for the same product.
27. Jamia Millia Islamia reserves the right to purchase varying quantity of material, less or more.

28. In the process of evaluation, comparison of bids, Jamia Millia Islamia reserves the right to reject any or all bids.
29. In case replacement of a part becomes necessary during warranty period, the parts of the same make and same or better configurations as were originally there in the equipments shall be used. The supplier/vendor shall maintain details of the replacements and repairs carried out, if any, in any equipment/instrument in a separate document and produce the details as and when required by the user department of JMI. The cost of the parts will be borne by the supplier.
30. In case of complaint regarding repairing/replacement of equipment/instrument within the warranty period, the supplier will provide repair/replacement immediately. In case of non-compliance or delayed compliance, supplier will be penalized with an amount mutually agreed upon and it would be deducted from the Bank Guarantee.
31. The technical specification wherever given in the items' specification format is basic. The equipments/instruments may also be evaluated as per additional provisions and facilities.
32. All corrigenda will only be notified on the JMI website.
33. The Vice-Chancellor, JMI shall be the final Authority for settlement of any dispute and his interpretation of any Clause/term/condition(s) of this document shall be final and binding and the jurisdiction for Court of Law shall be Delhi/New Delhi.

Authorize Signature of the firm:

Name:

Designation:

FORMAT OF SCHEDULE OF REQUIREMENTS
(All Columns to be filled by the supplier)

Sl. No.	Name Equipment/Instrument	Unit	Qty.	Delivery Schedule	EMD in Rupees
				Delivery in _____ weeks at the user department, JMI	

Authorised Signatory:

Name:

Designation:

Name of the firm:

Seal:

Self-Declaration to be given by the bidder

Bid's Reference No. & Date:

Bidder's Name & Address

Person to be contacted:

Designation:

Telephone No.:

Fax No.:

Email:

The Registrar,
Jamia Millia Islamia,
Jamia Nagar, New Delhi-110025.

We, the undersigned Bidder, having carefully read and examined in detail the Terms and Conditions, specifications and all bidding document in regard to the supply of equipments/instruments at Jamia Millia Islamia and accept the same.

We also do hereby declare

1. that we have not been blacklisted/debarred by any Government/Undertaking.
2. that the rates quoted are not higher than the rates quoted for same item to any Government/Undertaking.
3. that the bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

For and on behalf of the firm
(Firms Name & Address)

(Signature of Authorized Signatory)

Name:

Designation

Phone No.:

Seal:

Date:

Place:.....

FORMAT FOR OTHER INFORMATION

(To be filled in by the bidder)

Cost of Bid: Rs.500/-

Cash receipt/Bank Draft No

Date:

1. Name of the firm:

2. Address:-

3. Telephone/Mobile No.

4. Fax Number:-

5. Email:-

6. TIN/VAT/CST No.:

7. Firm Registration No.:
(if any)

8. PAN :
(attach photocopy)

9. **Earnest Money (Bids Security).....**
@ 2% of the estimated value of
the goods to be provided.

a) Bank Draft/Pay Order No .

b) Date .

c) For Rs .

d) Drawn On .

(Signature of the authorised person)

Name of contact person

Name of Firm

Contact No.

Seal

Place

Date.....

Technical Specifications

Sl. No.	Brief description of equipment/ instrument and after sales services	Compliance (Yes/No)
1.	<p>Specifications for Fluorescence Microscope + 4 MP CMOS Monochrome Camera</p> <p>Fully motorized inverted research microscope with high end fluorescence accessories including apochromatically corrected fluorescence beam path and high resolution imaging attachments capable of doing optical sections for samples like plants, animal sections, microorganism preparations etc. The system must be aligned with all necessary components from the same manufacturer for better integrity and effective service solutions.</p> <p>Main Microscope:</p> <p>Fully motorized Inverted research grade microscope with built in dedicated programmable TFT touch screen for all microscopic operations performing conveniently with visual impression and to program and customize functions according to user convenience.</p> <p>All optics in the microscope should be chromatically corrected.</p> <p>Microscope should be equipped with motorized magnification changer with at least 1.6x and 2.5x.</p> <p>Microscope should also be equipped with two camera port (Left and right) with motorized switching facility.</p> <p>Microscope should also be equipped with built in Z step motorization with at-least 10-15 nm z step resolution with variable speed set up at least 5 steps.</p> <p>Microscope should also be equipped with 6 position motorized DIC nosepiece with motorized condenser 6 positions.</p> <p>Microscope should also be equipped with light and contrast manager for one touch DIC, Fluorescence and Bright field operation.</p> <p>Microscope should also be equipped with 100W Halogen Illumination for DIC applications.</p> <p>Microscope should also be equipped with High N.A. objectives for Fluorescence, DIC and bright Field; LD 40x/0.6, 63x/1.4 oil and 100x/1.4 oil with DIC attachments for all objectives with an Intelligent Oil stops function to prevent oil in dry objectives.</p> <p>Microscope should also be equipped with Apochromatically corrected fluorescence beam path with 6 position motorized reflector turret with efficient band pass filters for DAPI, GFP, and Rhodamine, CY5 or identical or similar dyes that range from 430 to 647 wavelength .</p> <p>Microscope should be equipped with Self recognized components facility.</p> <p>Microscope should also be equipped with a mechanical stage with right handed operation guide.</p> <p>Microscope should also be equipped with Thermal microscope plate for live cell imaging (for bacterial cell, therefore doesn't require CO₂) with a temperature range of room temperature to 50 deg C. This component should also be portable, compatible with microscope platform and should be made of toughened glass.</p>	

2.	<p>LED Light source for microscope: LED light source should be compatible with aforementioned microscope configuration. LED light source should have High Intensity Fluorescence LED illumination with at-least 10,000 hrs life. The Fluorescence beam path of the LED light source should be Apochromatically corrected for the microscope. LED light source should have compatible and suitable Filters and LED lights (specific wavelength) for dyes such as, DAPI, FITC, RFP, CY5 etc or similar dyes (mentioned in the microscope configurations). LED light source should provide a range of wavelength from UV to Dark Red with respect to the fluorophores mentioned.</p>	
3.	<p>High resolution imaging attachments for Microscope: Structured illumination techniques with Grid Projection mechanism or similar hardware technology at illumination plane to achieve optical sections for high resolution imaging with 100 percent emission data collection. Minimum 3 grids for Low, Mid and High magnifications with automated objective specific grid selections. Provisions of switching between Wide-field and optical section modes without detaching the module. Provisions of 3D-Deconvolution of optical sections further for image improvisation further.</p>	
4.	<p>Camera: (Camera prices should be quoted separately and optionally) A High resolution Monochrome CMOS camera with a resolution of 4 or better megapixel for Imaging. For Live cell imaging the full resolution frame rate should be at least 100 FPS. Camera should have 16 bit digitization with trigger option. The cooling for the camera should be either Peltier or regulated thermo electric cooling. The Quantum efficiency of camera should be above 80%.</p>	
5.	<p>Software & workstation A compatible and original Single window software GUI which allows Multi channel, Z-stack and Time laps imaging facility. The software should aloe range of measurement facilities such as length, area, shift alignment across stack, intensity, counting etc. Further, Automatic and programmable measurements for all parameters like intensity, area etc. 3D-Deconvolution software of optical sections captured. Software should allow all standard viewing facilities like split, gallery, ortho etc. Software with a capability of tracking single or multiple cell/fluorescence during time-lapse imaging Maximum intensity projections or Extended Depth of focus of images. The company should provide, at least two high-end computer workstation with at least 2 TB HD and 32 GB RAM, 1GB graphics along with monitor and desired UPS. Further, an additional offline license for second workstation should also be offered.</p>	

SIGNATURE OF AUTHORISED SIGNATORY

Name :

Designation:

Name of the firm:

Seal:

Price Bid Schedule (Format)

1. Tender No: NIT- 13/Equipment/MCARS/JMI/2017
2. Name of Supplier:
3. Rates for items given as per technical specifications at Annexure- and adhering to the Format given below is a Pre-requisite for considering quotations

S.No.	Name of Equipments	Qty.	Price	
			INR	USD
1.	Fluorescence Microscope + 4 MP CMOS Monochrome Camera	01		
<u>Applicable Taxes/Duties and other charges</u>				
1.	Sales tax & other taxes			
2.	Excise duty, if any			
3.	Customs duty, if any			
4.	Packaging & forwarding charges, if any			
5.	For Octroi, if applicable, necessary certificate will be issued			
6.	Training cost, if any			
7.	Installation and commissioning cost, if any			
8.	Any other charges, if any			
9.	Grand Total (in figures & words)			

Note:

- Price must be quoted in US\$ for imported equipments.
- The validity of tender shall be 180 days after opening of financial bid.

PRICE SCHEDULE 'B'

PRICE SCHEDULE FOR COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

1	2	3	4					5
Item Sl. No.	Brief Description of the Goods	Qty. (Nos.)	Comprehensive Maintenance Contract Cost for each Unit year wise*.					Total Comprehensive Maintenance Contract Cost for 5 (or as specified) Years [3 x (4a+4b+4c+4d+4e)]
1.			1 st	2 nd	3 rd	4 th	5 th	
2.			A	B	C	D	E	

* After completion of warranty period

Note: -

1. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/service/ operational manual and labour, after satisfactory completion of warranty period may be quoted for next 5 (or as specified) years on yearly basis for complete equipment.
2. The cost of CMC may be quoted along with taxes applicable on the date of Tender opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
3. Cost of CMC will be added for ranking/evaluation purpose.
4. The uptime warranty will be 98% on 24 (hrs) x 7 (days) x 365 (days) basis.
5. The stipulation in technical specification will supersede above provision.
6. The supplier shall keep sufficient stock of spares required during comprehensive maintenance contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Name: _____

Business Address _____

Place: _____

Signature of Tenderer _____

Date: _____

Seal of Tenderer _____