Notice Inviting Quotation (E-Procurement mode)

INDIAN INSTITUTE OF TECHNOLOGY DELHI HAUZ KHAS, NEW DELHI-110016

Dated: 16/11/2017

Open Tender Notice No. IITD/BEEN(SP-1372)/2017

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

Details of the item	NSOM System
Earnest Money Deposit to be submitted	Rs. NIL
Warranty	3 Year
Performance security	5% of FOB Value

Tender Documents may be downloaded from Central Public Procurement Portal <u>http://eprocure.gov.in/eprocure/app</u>.Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <u>http://eprocure.gov.in/eprocure/app</u>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.

Tenderers can access tender documents on the website(For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Delhi tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website http://eprocure.gov.in/eprocure/app as per the schedule given in the next page.

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

	Schedule
Name of Organization	Indian Institute of Technology Delhi
Tender Type (Open/Limited/EOI/Auction/Single)	Open
Tender Category (Services/Goods/works)	Goods
Type/Form of Contract (Work/Supply/ Auction/Service/Buy/Empanelment/ Sell)	Supply
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Others
Source of Fund (Institute/Project)	Project
Is Multi Currency Allowed	YES
Date of Issue/Publishing	16/11/2017 (13:00Hrs)
Document Download/Sale Start Date	16/11/2017 (13:00Hrs)
Document Download/Sale End Date	7/12/2017 (15:00 Hrs)
Date for Pre-Bid Conference	NA
Venue of Pre-Bid Conference	NA
Last Date and Time for Uploading of Bids	7/12/2017 (15:00 Hrs)
Date and Time of Opening of Technical Bids	8/12/2017 (15:00 Hrs)
Tender Fee EMD	Rs.NIL/- (For Tender Fee)Rs.NIL/-(For EMD)(To be paid through RTGS/NEFT. IIT Delhi Bank details are as under:Name of the Bank A/C: IITD Revenue AccountSBI A/C No.: 10773572622Name of the Bank: State Bank of India, IIT Delhi,HauzKhas, New Delhi-110016IFSC Code: SBIN0001077MICR Code: 110002156Swift No.: SBININBB547(This is mandatory that UTR Number is provided in the on- linequotation/bid.(Kindly refer to the UTR Column of theDeclaration Sheet at Annexure-II)
No. of Covers (1/2/3/4)	02
Bid Validity days (180/120/90/60/30)	180 days (From last date of opening of tender)
Address for Communication	Dr. Anuj Dhawan, Electrical Engineering Department, Indian Institute of Technology, Hauz Khas, New Delhi-110016
Contact No.	9810087814
Email Address	adhawan@ee.iitd.ac.in

Chairman Purchase Committee (Buyer Member)

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (<u>URL:http://eprocure.gov.in/eprocure/app</u>). 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:

http://eprocure.gov.in/eprocure/app

REGISTRATION

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<u>http://eprocure.gov.in/eprocure/app</u>) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal 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 / TCS / 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 DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

SEARCHING FOR TENDER DOCUMENTS

- 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 formats. Bid documents may be scanned with 100 dpi with black and white option.
- 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" 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 he/she 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 "on-line" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS (Refer to Schedule, Page No.2).
- 4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. 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 filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

OR

In some cases Financial Bids can be submitted in PDF format as well (in lieu of BOQ).

- 5) 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.
- 6) 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.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, 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.
- 9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

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. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders

- 1) The tenders will be received online through portal <u>http://eprocure.gov.in/eprocure/app</u>. In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
- 2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/etoken in the company's name is a prerequisite for registration and participating in the bid submission activities through https://eprocure.gov.in/eprocure/app. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://eprocure.gov.in/eprocure/app under the link "Information about DSC".
- 3) Tenderer are advised to follow the instructions provided in the 'Instructions to the 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.

Electrical Engineering Department Indian Institute of Technology Hauz Khas, New Delhi-110 016

NOTICE INVITING OUOTATIONS

Dated: 16/11/2017

Subject: NSOM system

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Invitation for Tender Offers

Indian Institute of Technology Delhi invites online Bids (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **supply, installation & integration** of a **NSOM system** with (warranty period as stated at page #1 of this tender) on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document, which is available on CPP Portal <u>http://eprocure.gov.in/eprocure/app</u>

TECHNICAL SPECIFICATIONS:

Technical Specifications		
1.0	This NSOM system should include 4 independent SPM probe scanners, a sample scanner, an upright microscope and an inverted microscope (a full dual microscope) and Reflection, Collection and Transmission NSOM modules, with following specs:	
	 Z-Noise: Better than or equal to 0.2 nm 'peak to peak' obtained with AFM imaging of HOPG sample with atomic steps Scanner resolution: X&Y – Better than 1 nm; Z – Better than 0.5 nm Clear optical view of tip and sample with no optical obstruction using Dual optical microscope with lens perpendicular to the sample stage System must allow the use of objectives in the Dual optical microscope with a working distance of 1 mm The multiprobe platforms with AFM feedback have to have the ability to be moved from upright microscope to inverted microscope The multi probe platforms with AFM feedback have to have completely free optical axis from above and below Tuning Fork feedback with ultra force sensitivity Independent SPM operation such as: scanning, feedback, force measurement Phase or Amplitude feedback Supports imaging based on height, phase, amplitude and force Independent scanning piezo probe SPM heads for moving both sample and probe independently in a multiprobe platform with AFM feedback in each probe Ability to combine both sample and probe scanners for a total range of 100 microns or more in XY & Z 	
2.0	Independent probe scanners having the following specifications:	
	• XY scan range better than 35 μ m × 35 μ m; Z scan range > 30 μ m	
	Flat piezo scanners	

	Motorized course movement with 5 mm range
	 4 Probe scanners in the multiprobe SPM configuration with each probe having AFM
	feedback can be positioned independently of the position of the upright and inverted
	microscope and independently to each other
	• Ability to bring AFM probes in physical contact with another while maintaining the AFM
	feedback in each probe
	Ability to scan all SPM probes at once with AFM feedback
3.0	Sample Scanner with the following specifications:
	• XYZ Range: Better than 85x85x85µm
	• Rough travel over a range of 6 mm with 1 micron step
	• 7 mm high 3D Flat Scanning stage with central aperture enabling clear vertical axis for
	placement of microscope lenses from above or below
4.0	Controllers:
	• 16 data channels can be read and imaged simultaneously
	• All ADCs are 16 bit and DACs have 16-bit resolution
	 Analog and Digital inputs and outputs
	• Three independent scanning axes (-145V to +145V) enabling tip/sample-scanning
	On-line slope compensation
	Inbuilt lock-in amplifier
	Three independent generators: Two providing quadrature for lock-in processing. Third used for
	exciting with an auto phase algorithm
	• Clock frequency of 20 MHz with a stability of 5 ppm and provides frequency resolution of < 5 mHz
	• 32-bit 20 MHz clock DACs
	Direct digital control of frequency
	Amplitude: 0 to 5 V p-p and maximum resolution of up to 0.2 mV
5.0	LabVIEW SPM based Software:
	AUX Data acquisition
	 Image and line profiles displayed in real time
	• Intuitive scan parameter setup
	• Display of up to 16 online imaging channels
	Online image processing capabilities
	Supports Nanolithography Protocols
	 Provides flexible user interface for user programing and scripting
6.0	A set of 4 computers and monitors for the NSOM system, with the following specifications:
0.0	• Intel Core i5-3550S Processor (3.70 GHz, 6 MB Cache) Intel HD Graphics 2000
	• Intel® Q67 Express Chipset
	• 8GB DDR3-1600 DIMM (2x4GB) RAM
	• 500GB 7200 RPM 3.5 1st Hard Drive
	SuperMulti DVDRW Optical Drive
	Video VGA
	USB Standard Keyboard
	USB Optical BLK Mouse
	• 6 X USB2
	2PCI Slots
	Monitor: 21" LCD Screen
7.0	Upright Microscope (for the NSOM system) with the following features:
	 Research grade microscope
	 White light source with the ability to add other light sources such as fluorescent light
	 Ability to accommodate 4 objectives
	• 10X LWD objective.
	• 50X LWD objective
	• Working range: 400-700nm with the ability to upgrade to the near-IR and UV wavelengths

8.0	CCD viewing system for the Upright Microscope with the following features:
	• At least 1280×1024 resolution
	• Pixel size: 5.2×5.2 micron
	• USB 2.0 communication with software for viewing on system's PC
9.0	PMT Detector for the Upright Microscope with the following features:
	• Sensitivity range: 280-850nm
	Electrostatic shielding
	• Low voltage supply (5V)
	70 MHz count rate capability
10.0	Inverted Microscope (for the NSOM system) with the following features:
	Research grade microscope
	• White light source with the ability to add other light sources such as fluorescent light
	Ability to accommodate 4 objectives
	• 10X LWD and 50 X LWD objectives
	• Working range: 400-700nm with the ability to upgrade to the near-IR and UV wavelengths
	• Ability to focus both upright and inverted microscope on the same spot on the sample
	• Ability to use the same AFM scanners with both Upright and Inverted Microscope without the need
11.0	to change any configuration
11.0	CCD viewing system for inverted microscope with the following features:
	• At least 1280×1024 resolution
	• Pixel size: 5.2×5.2 micron
10.0	USB 2.0 communication with software for viewing on system's PC
12.0	PMT Detector for the Inverted Microscope with the following features:
	Sensitivity range: 280-850nm
	 Electrostatic shielding Low voltage supply (5V)
	 Low voltage supply (5 v) 70MHz count rate capability
13.0	Interface plate for mounting for 4 SPM heads that could work simultaneously
13.0	NSOM System should have the following features:
14.0	 Ability to image in near-field optics with reflection and collection and transmission mode
	 Ability to use probes in pump-source configuration such that one probe is used for illuminating in
	near-field and the other for collecting the propagation of the near-field as a function of distance from
	the point of contact of the two probes
	• Ability to operate in NSOM modes using even a 1 mm working distance objective in a standard
	upright microscope and inverted configuration without any part of the probe blocking the optical path
	• Detector power supplies and Electronic Controller for integrating optical signal with AFM operation
	• NSOM resolution: 50 nm – Aperture size of the NSOM probes should be 50 nm, for an NSOM
	resolution of 50 nm
15.0	XY mechanical stage with filters for mounting on microscope for NSOM modes for optimal signal
	sensitivity
16.0	Laser for the NSOM system: 20mW frequency doubled Nd:YAG Laser, wavelength of 532nm
17.0	Fiber coupler with XY stage and focusing lens
18.0	ND Filter: Rotatable neutral density filters
19.0	Confocal module for illuminating laser source from the far-field onto the sample
20.0	Isolation Platform:
	• Vibration isolation platform with no air supply needed
	• Acoustic hood for isolating surrounding noises and block light from interfering with NSOM
	measurements
21.0	SPM Kit: must be including the needed tools for operation and calibration samples
22.0	Probes: 40 NSOM probes with an aperture size of 50 nm and 10 NSOM probes with an aperture size of 100
	nm, as well as 20 AFM probes should be provided. Cantilevered probes based on optical fibers to ensure no
	optical obstruction from above in an upright and inverted optical microscope

Optional Items

1.	Integration package for integration of the NSOM system with a Raman system for NSOM Raman
	and AFM Raman
2.	Cost per year of CMC (comprehensive maintenance contract) for a period of 2 years after the
	initial 3 year warranty expires

A complete set of tender documents* may be Download by prospective bidder free of cost from the website <u>http://eprocure.gov.in/eprocure/app</u>. Bidder has to make payment of requisite fees (i.e. Tender fees (if any) and EMD) online through RTGS/NEFT only.

Terms & Conditions Details

Sl. No.	Specification
1.	Due date : The tender has to be submitted on-line before the due date. The offers received after the
	due date and time will not be considered. No manual bids will be considered.
2.	Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid
	and financial bid. The technical bid should consist of all technical details along with commercial
	terms and conditions. Financial bid should indicate item wise price for the items mentioned in the
	technical bid in the given format i.e Financial Bids to be submitted in PDF format.
	The Technical bid and the financial bid should be submitted Online.
3.	EMD (if applicable): The tenderer should submit an EMD amount through RTGS/NEFT. The
	Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted.
	The EMD will be refunded without any interest to the unsuccessful bidders after the award of
	contract. Refer to Schedule (at page 1 of this document) for its actual place of submission.
4.	Refund of EMD: The EMD will be returned to unsuccessful Tenderer only after the Tenders are
	finalized. In case of successful Tenderer, it will be retained till the successful and complete
	installation of the equipment.
5.	Opening of the tender : The online bid will be opened by a committee duly constituted for this
	purpose. Online bids (complete in all respect) received along with EMD (if any) will be opened as
	mentioned at "Annexure: Schedule" in presence of bidders representative if available. Only one
	representative will be allowed to participate in the tender opening. Bid received without EMD (if
	present) will be rejected straight way. The technical bid will be opened online first and it will be
	examined by a technical committee (as per specification and requirement). The financial offer/bid
	will be opened only for the offer/bid which technically meets all requirements as per the
	specification, and will be opened in the presence of the vendor's representatives subsequently for
	further evaluation. The bidders if interested may participate on the tender opening Date and Time.
	The bidder should produce authorization letter from their company to participate in the tender
	opening.
6.	Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers
	without assigning any reason.
7.	Pre-qualification criteria:
	(i) Bidders should be the manufacturer / authorized dealer. Letter of Authorization from original
	equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.
	(ii) An undertaking from the OEM is required stating that they would facilitate the bidder on a
	regular basis with technology/product updates and extend support for the warranty as well. (Ref.
	Annexure-II)
	(iii) OEM should be internationally reputed Branded Company.
	(iv) Non-compliance of tender terms, non-submission of required documents, lack of clarity of the
	specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.
	(v) In the 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 tender.
	(vi) 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 tender for the same item/product.
8.	Performance Security : The supplier shall require to submit the performance security in the form
0.	of irrevocable bank guarantee issued by any Indian Nationalized Bank for an amount which is
	stated at page #1 of the tender document within 21 days from the date of receipt of the purchase
	order/LC and should be kept valid for a period of 60 days beyond the date of completion of
	warranty period.
9.	Force Majeure: The Supplier shall not be liable for forfeiture of its performance security,
7.	Force majoure. The supplier shall not be hable for forfeiture of its performance security,

	liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
	• For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
	• If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
10.	Risk Purchase Clause : In event of failure of supply of the item/equipment within the stipulated
	delivery schedule, the purchaser has all the right to purchase the item/equipment from the other
	source on the total risk of the supplier under risk purchase clause.
11.	Packing Instructions : Each package will be marked on three sides with proper paint/indelible ink,
	the following:
	i. Item Nomenclature
	ii. Order/Contract No.
	iii. Country of Origin of Goods
	iv. Supplier's Name and Address
	v. Consignee details
	vi. Packing list reference number
12.	Delivery and Documents:
	Delivery of the goods should be made within a maximum of 08 to 16 weeks from the date of placement of purchase order and the opening of LC. Within 24 hours of shipment, the supplier shall notify the purchaser and the insurance company by cable/telex/fax/e mail the full details of the shipment including contract number, railway receipt number/ AAP etc. and date, description of goods, quantity, name of the consignee, invoice etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company:
	 4 Copies of the Supplier invoice showing contract number, goods' description, quantity unit price, total amount; Insurance Certificate if applicable;
	 Manufacturer's/Supplier's warranty certificate;
	 Inspection Certificate issued by the nominated inspection agency, if any
	 6. Supplier's factory inspection report; and
	 Supplier's factory inspection report, and Certificate of Origin (if possible by the beneficiary);
	 8. Two copies of the packing list identifying the contents of each package.
	 9. The above documents should be received by the Purchaser before arrival of the Goods (except)
	where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.
13.	Delayed delivery: If the delivery is not made within the due date for any reason, the Committee
15.	will have the right to impose penalty 1% per week and the maximum deduction is 10% of the
	contract value / price.
14.	Prices: The price should be quoted in net per unit (after breakup) and must include all packing
17.	and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of taxes & duties shall be clearly indicated. The price should be quoted without custom duty and excise duty, since IIT Delhi is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand.

	 In case of imports, the price should be quoted on FOB/FCA origin Airport Basis only. Under special circumstances (eg. perishable chemicals), when the item is imported on CIF/CIP, please indicate CIF/CIP charges separately upto IIT Delhi indicating the mode of shipment. IIT Delhi will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges. At any circumstances, it is the responsibility of the foreign supplier to handover the material to our forwarder at the origin airport after completing all the inland clearing. No Ex- Works consignment will be entertained. "In case of CIF/CIP shipments, kindly provide the shipment information at least 2 days in advance before landing the shipment along with the documents i.e. invoice, packing list, forwarder Name, address, contact No. in India to save penalty/demurrage charges (imposed by Indian Customs). Otherwise these charges will be recovered from the supplier/Indian Agent."
15.	Notices: For the purpose of all notices, the following shall be the address of the Purchaser and
	Supplier.
	Purchaser: Dr. Anuj Dhawan, Electrical Engineering Department
	Indian Institute of Technology
	Hauz Khas, New Delhi - 110016.
	Supplier: (To be filled in by the supplier)
	(All supplier's should submit its supplies information as per Annexure-II).
16.	 Progress of Supply: Wherever applicable, supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under: 1. Quantity offered for inspection and date;
	 Quantity oriented for inspection and date; Quantity accepted/rejected by inspecting agency and date;
	 Quantity dispatched/delivered to consignees and date;
	4. Quantity where incidental services have been satisfactorily completed with date;
	5. Quantity where rectification/repair/replacement effected/completed on receipt of any
	communication from consignee/Purchaser with date;
	6. Date of completion of entire Contract including incidental services, if any; and
	7. Date of receipt of entire payments under the Contract (In case of stage-wise inspection, details
17	required may also be specified).
17.	Inspection and Tests: Inspection and tests prior to shipment of Goods and at final acceptance are as follows:
	• After the goods are manufactured and assembled, inspection and testing of the goods shall be
	carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods
	are in conformity with the technical specifications attached to the purchase order.
	Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along
	with the delivery documents. The purchaser shall be present at the supplier's premises during
	such inspection and testing if need is felt. The location where the inspection is required to be
	conducted should be clearly indicated. The supplier shall inform the purchaser about the site propagation if any needed for installation of the goods at the purchaser's site at the time of
	preparation, if any, needed for installation of the goods at the purchaser's site at the time of submission of order acceptance.
	 The acceptance test will be conducted by the Purchaser, their consultant or other such person
	nominated by the Purchaser at its option after the equipment is installed at purchaser's site in the
	presence of supplier's representatives. The acceptance will involve trouble free operation and
	ascertaining conformity with the ordered specifications and quality. There shall not be any
	additional charges for carrying out acceptance test. No malfunction, partial or complete failure

	of any part of the equipment is expected to occur. The Supplier shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test energified
	successful completion of the test specified.
	• In the event of the ordered item failing to pass the acceptance test, a period not exceeding one weeks will be given to rectify the defects and clear the acceptance test, failing which the
	Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the
	Purchaser.
	• Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Supplier.
18.	Resolution of Disputes : The dispute resolution mechanism to be applied pursuant shall be as
	follows:
	• In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to
	any matter arising out of or connected with this agreement, such disputes or difference shall be
	settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under
	and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings.
	The dispute shall be referred to the Director, Indian Institute of Technology (IIT) Delhi and if he is
	unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to
	act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and
	binding on all parties to this order.
	• In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled
	by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to
	the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United
	Nations Commission on International Trade Law) Arbitration Rules.
	• The venue of the arbitration shall be the place from where the order is issued.
19.	Applicable Law: The place of jurisdiction would be New Delhi (Delhi) INDIA.
20.	Right to Use Defective Goods
	If after delivery, acceptance and installation and within the guarantee and warranty period, the
	operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to
	continue to operate or use such goods until rectifications of defects, errors or omissions by repair or
	by partial or complete replacement is made without interfering with the Purchaser's operation.
21.	Supplier Integrity
	The Supplier is responsible for and obliged to conduct all contracted activities in accordance with
	the Contract using state of the art methods and economic principles and exercising all means
	available to achieve the performance specified in the contract.
22.	Training
	The Supplier is required to provide training to the designated Purchaser's technical and end user
	personnel to enable them to effectively operate the total equipment.
23.	Installation & Demonstration
	The supplier is required to done the installation and demonstration of the equipment within one
	month of the arrival of materials at the IITD site of installation, otherwise the penalty clause will be
	the same as per the supply of materials.
	In case of any mishappening/damage to equipment and supplies during the carriage of supplies
	from the origin of equipment to the installation site, the supplier has to replace it with new
	equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance
	company as per his convenience. IITD will not be liable to any type of losses in any form.
24.	Insurance: For delivery of goods at the purchaser's premises, the insurance shall be obtained by the
	supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse"
	(final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be
	valid for a period of not less than 3 months after installation and commissioning. In case of orders
	placed on FOB/FCA basis, the purchaser shall arrange Insurance. If orders placed on

	CIF/CIP basis, the insurance should be up to IIT Delhi.
25.	Incidental services: The incidental services also include:
	• Furnishing of 01 set of detailed operations & maintenance manual.
	• Arranging the shifting/moving of the item to their location of final installation within IITD premises at the cost of Supplier through their Indian representatives.
26.	Warranty:
	 (i) Waranty period shall be (as stated at page #2 of this tender) from date of installation of Goods at the IITD site of installation. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site. (ii) The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall immediately within in 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the supplier having been notified fails to remedy the defects within 02 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier under the contract. (iii) The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned. The comprehensive warranty will commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing,
	 (iv) After the warranty period is over, Annual Maintenance Contract (AMC)/Comprehensive Maintenance Contract (CMC) up to next two years should be started. The AMC/CMC
	charges will not be included in computing the total cost of the equipment.
27.	Governing Language The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.
28.	Applicable LawThe Contract shall be interpreted in accordance with the laws of the Union of India and all disputesshall be subject to place of jurisdiction.
29.	Notices
	 Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX or e mail and confirmed in writing to the other party's address. A notice shall be effective when delivered or on the notice's effective date, whichever is later.
30.	TaxesSuppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc.,incurred until delivery of the contracted Goods to the Purchaser. However, VAT in respect of thetransaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in theorder.

31.	DutiesIIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or full) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information and Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute, (no certificate will be issued to third party): The procured product should be used for teaching, scientific and research work only. a) Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists) b) Forwarder details i.e. Name, Contact No., etc.IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information are required. b) Quotation with details of Basic Price, Rate, Tax & Amount on which ED is applicable c) Supply Order Copy d) Proforma-Invoice Copy.
32.	Agency Commission: Agency commission if any will be paid to the Indian agent in Rupees on
52.	receipt of the equipment and after satisfactory installation. Agency Commission will not be paid in foreign currency under any circumstances. The details should be explicitly shown in Tender even in case of Nil commission. The tenderer should indicate the percentage of agency commission to be paid to the Indian agent.
33.	Payment:
34	 (i) For imported items Payment will be made through irrevocable Letter of Credit (LC) Cash Against Documents (CAD)/Against delivery/after satisfactory installation by T.T. Letter of Credit (LC) will be established in favour of foreign Supplier after the submission of performance security. The letter of credit (LC) will be established on the exchange rates as applicable on the date of establishment. For Imports, LC will be opened for 100% FOB/CIF value. 80% of the LC amount shall be released on presentation of complete and clear shipping documents and 20% of the LC amount shall be released after the installation and demonstration of the equipment at the INST site of installation in faultless working condition for period of 60 days from the date of the satisfactory installation and subject to the production of unconditional performance bank guarantee as specified in Clause 8 of tender terms and conditions. (ii) For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at IITD in good condition and to the entire satisfaction of the Purchaser and on production of unconditions. (iii) Indian Agency commission (IAC), if any shall be paid after satisfactory installation & commissioning of the goods at the destination at the exchange rate prevailing on the date of negotiation of LC documents, subject to DGS&D registration for restricted items. (iv) All the bank charges within India will be borne by the Institute and outside India will be borne by the Supplier.
34.	User list: Brochure detailing technical specifications and performance, list of industrial and
	educational establishments where the items enquired have been supplied must be provided. (Ref.
	Annexure-III)
35.	 Manuals and Drawings Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications. The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract. Unless and otherwise agreed, the goods equipment shall not be considered to be completed for

	the purposes of taking over until such manuals and drawing have been supplied to the Purchaser.
36.	Application Specialist: The Tenderer should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office. (Ref. to Annexure-III)
37.	 Site Preparation: The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter. The supplier shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.
38.	 Spare Parts The Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier: ii. Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and iii. In the event of termination of production of the spare parts: iv. Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and v. Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested. Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplier date as presented as parts in a cost within a single parts and components shall be
39.	 supplied as promptly as possible but in any case within six months of placement of order. Defective Equipment: If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, IIT Delhi may consider "Banning" the supplier.
40.	Termination for Default The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part: i. If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser; or ii If the Supplier fails to perform any other obligation(s) under the Contract. iii If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
	 For the purpose of this Clause: "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission)

	designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;"
	• In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.
41.	Shifting : After 1-2 years once our new Academic Block will be ready, the supplier has to shift and reinstall the instrument free of cost (if required).
42.	Downtime: During the warranty period not more than 5% downtime will be permissible. For every day exceeding permissible downtime, penalty of 1/365 of the 5% FOB value will be imposed. Downtime will be counted from the date and time of the filing of complaint with in the business hours.
43.	Training of Personnel: The supplier shall be required to undertake to provide the technical training to the personnel involved in the use of the equipment at the Institute premises, immediately after completing the installation of the equipment for a minimum period of one week at the supplier's cost.
44.	Disputes and Jurisdiction : Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within New Delhi.
45.	Compliancy certificate : This certificate must be provided indicating conformity to the technical specifications. (Annexure-I)

COMPLIANCE SHEET TECHNICAL SPECIFICATION

Technical Specifications								
1.0	This NSOM system should include 4 independent SPM probe scanners, a sample scanner, an upright microscope and an inverted microscope (a full dual microscope) and Reflection, Collection and Transmission NSOM modules, with following specs:							
	 Z-Noise: Better than 0.2 nm 'peak to peak' obtained with AFM imaging of HOPG sample with atomic steps Scanner resolution: X&Y – Better than 1 nm; Z – Better than 0.5 nm Clear optical view of tip and sample with no optical obstruction using Dual optical microscope with lens perpendicular to the sample stage System must allow the use of objectives in the Dual optical microscope with a working distance of 1 mm The multiprobe platforms with AFM feedback have to have the ability to be moved from upright microscope to inverted microscope The multi probe platforms with AFM feedback have to have completely free optical axis from above and below Tuning Fork feedback with ultra force sensitivity Independent SPM operation such as: scanning, feedback, force measurement Phase or Amplitude feedback Supports imaging based on height, phase, amplitude and force Independent scanning piezo probe SPM heads for moving both sample and probe independently in a multiprobe platform with AFM feedback in each probe 							
	• Ability to combine both sample and probe scanners for a total range of 100 microns or more in XY & Z							
2.0	 Independent probe scanners having the following specifications: XY scan range better than 35 μm × 35 μm; Z scan range > 30 μm Flat piezo scanners Motorized course movement with 5 mm range 4 Probe scanners in the multiprobe SPM configuration with each probe having AFM feedback can be positioned independently of the position of the upright and inverted microscope and independently to each other. Ability to bring AFM probes in physical contact with another while maintaining the AFM feedback in each probe Ability to scan all SPM probes at once with AFM feedback 							
3.0	 Sample Scanner with the following specifications: XYZ Range: Better than 85x85x85µm Rough travel over a range of 6 mm with 1 micron step 7 mm high 3D Flat Scanning stage with central aperture enabling clear vertical axis for placement of microscope lenses from above or below 							
4.0	 Controllers: 16 data channels can be read and imaged simultaneously All ADCs are 16 bit and DACs have 16-bit resolution Analog and Digital inputs and outputs Three independent scanning axes (-145V to +145V) enabling tip/sample-scanning On-line slope compensation Inbuilt lock-in amplifier 							

r		
	• Three independent generators: Two providing quadrature for lock-in processing. Third used	
	for exciting with an auto phase algorithm	
	• Clock frequency of 20 MHz with a stability of 5 ppm and provides frequency resolution of	
	< 5 mHz	
	• 32-bit 20 MHz clock DACs	
	Direct digital control of frequency	
	• Amplitude: 0 to 5 V p-p and maximum resolution of up to 0.2 mV	
5.0	LabVIEW SPM based Software:	
	AUX Data acquisition	
	Image and line profiles displayed in real time.	
	Intuitive scan parameter setup	
	• Display of up to 16 online imaging channels	
	Online image processing capabilities	
	Supports Nanolithography Protocols	
	 Provides flexible user interface for user programing and scripting 	
6.0	A set of 4 computers and monitors for the NSOM system, with the following	
0.0	specifications:	
	Intel Core i5-3550S Processor (3.70 GHz, 6 MB Cache) Intel HD Graphics 2000	
	Intel® Q67 Express Chipset	
	8GB DDR3-1600 DIMM (2x4GB) RAM	
	• 500GB 7200 RPM 3.5 1st Hard Drive	
	 SuperMulti DVDRW Optical Drive 	
	 Video VGA 	
	USB Standard Keyboard	
	USB Optical BLK Mouse	
	 6 X USB2 	
	2PCI Slots	
	 Monitor: 21" LCD Screen 	
7.0	Upright Microscope (for the NSOM system) with the following features:	
7.0	Research grade microscope	
	 White light source with the ability to add other light sources such as fluorescent light 	
	 Ability to accommodate 4 objectives 	
	• 10X LWD objective	
	• 50X LWD objective	
	• Working range: 400-700nm with the ability to upgrade to the near-IR and UV	
	wavelengths	
8.0	CCD viewing system for the Upright Microscope with the following features:	
	• At least 1280×1024 resolution	
	• Pixel size: 5.2×5.2 micron	
	• USB 2.0 communication with software for viewing on system's PC	
9.0	PMT Detector for the Upright Microscope with the following features:	
	Sensitivity range: 280-850nm	
	Electrostatic shielding	
	• Low voltage supply (5V)	
	70 MHz count rate capability	
10.0	Inverted Microscope (for the NSOM system) with the following features:	
	Research grade microscope	
	• White light source with the ability to add other light sources such as fluorescent light	
	Ability to accommodate 4 objectives	
	• 10X LWD and 50 X LWD objectives	
	• Working range: 400-700nm with the ability to upgrade to the near-IR and UV wavelengths	
	• Ability to focus both upright and inverted microscope on the same spot on the sample Ability to use the same AEM scenners with both Upright and Inverted Microscope without	
	• Ability to use the same AFM scanners with both Upright and Inverted Microscope without the need to change any configuration	
11 0	the need to change any configuration CCD viewing system for inverted microscope with the following features:	
11.0	COD viewing system for invertee interoscope with the following features:	

	a At least 1280, 1024 resolution							
	• At least 1280×1024 resolution							
	• Pixel size: 5.2×5.2 micron							
10.0	USB 2.0 communication with software for viewing on system's PC							
12.0	PMT Detector for the Inverted Microscope with the following features:							
	Sensitivity range: 280-850nm							
	Electrostatic shielding							
	• Low voltage supply (5V)							
10.0	70MHz count rate capability							
13.0	Interface plate for mounting for 4 SPM heads that could work simultaneously							
14.0	NSOM System should have the following features:							
	Ability to image in near-field optics with reflection and collection and transmission mode							
	Ability to use probes in pump-source configuration such that one probe is used for							
	illuminating in near-field and the other for collecting the propagation of the near-field as a							
	function of distance from the point of contact of the two probes							
	• Ability to operate in NSOM modes using even a 1 mm working distance objective in a							
	standard upright microscope and inverted configuration without any part of the probe							
	blocking the optical path							
	• Detector power supplies and Electronic Controller for integrating optical signal with AFM							
	operation							
	• NSOM resolution: 50 nm – Aperture size of the NSOM probes should be 50 nm, for an							
	NSOM resolution of 50 nm							
15.0	XY mechanical stage with filters for mounting on microscope for NSOM modes for optimal signal							
	sensitivity							
16.0	Laser for the NSOM system: 20mW frequency doubled Nd:YAG Laser, wavelength of 532nm							
17.0	Fiber coupler with XY stage and focusing lens							
18.0	ND Filter: Rotatable neutral density filters							
19.0	Confocal module for illuminating laser source from the far-field onto the sample							
20.0	Isolation Platform:							
	Vibration isolation platform with no air supply needed							
	• Acoustic hood for isolating surrounding noises and block light from interfering with NSOM							
	measurements							
21.0	SPM Kit: must be including the needed tools for operation and calibration samples							
22.0	Probes: 40 NSOM probes with an aperture size of 50 nm and 10 NSOM probes with an aperture							
	size of 100 nm, as well as 20 AFM probes should be provided. Cantilevered probes based on optical							
	fibers to ensure no optical obstruction from above in an upright and inverted optical microscope							
L	I I I I I I I I I I I I I I I I I I I							

Optional Items

S.No.	Technical Specifications	Compliance Y/N
1.	Integration package for integration of the NSOM system with a Raman system for NSOM Raman and AFM Raman	
2.	Cost per year of CMC (comprehensive maintenance contract) for a period of 2 years after the initial 3 year warranty expires	

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature o	of Bidder
Name:	
Designation:	
Organization Name:	
Contact No. :	
0	

<< Organization Letter Head >> DECLARATION SHEET

We, _____hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The prices quoted in the financial bids are subsidized due to academic discount given to IIT Delhi.

We, further specifically certify that our	NAME & ADDRESS OF
organization has not been Black Listed/De	THE Vendor/ Manufacturer / Agent
Listed or put to any Holiday by any	
Institutional Agency/ Govt. Department/	
Public Sector Undertaking in the last three	
years.	
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 TIN Number	
7 PAN Number	
(In case of on-line payment of Tender	
Fees)	
8UTR No. (For Tender Fee)	
(In case of on-line payment of EMD)	
· · · /	
9 UTR No. (For EMD)	

(Signature of the Tenderer)

Name:

Seal of the Company

List of Govt. Organization/Deptt.

List of Government Organizations for whom the Bidder has undertaken such work during last three years (must be supported with work orders)							
Name of the organization	Name of Contact Person	Contact No.					

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.							
Name of the organizationName of Contact PersonContact N							

Signature of Bidder

Name:_____
Designation:_____
Organization Name: _____
Contact No. : _____

Bid Submission

Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in two Envelops as explained below:-

Envelope – 1 (Following documents to be provided as single PDF file)									
Sl. No.	Sl. No. Documents Content								
1.	Technical Bid	Compliance Sheet as per Annexure - I	.PDF						
2.		Organization Declaration Sheet as per Annexure - II	.PDF						
3.	3. List of organizations/ clients where the same products have been supplied (in last two years) along with their contact number(s). (Annexure-III)								
4.		Technical supporting documents in support of all claims made at Annexure-I (Annexure-IV)							
	Envelope – 2								
Sl. No.	Sl. No. TYPES Content								
1.	Financial Bid	Price bid should be submitted in PDF format.	.PDF						

Electrical Engineering Department Indian Institute of Technology Delhi Hauz Khas, New Delhi-110016

Date: XX/XX/XXXX

Subject: Purchase of <**Item**> (Following format is used for imported items)

			8								
S.	Currency	Description and Specification of	Qty. in	Unit	Agency	Discount	Ex-works	Packing +	FOB/FCAA	Insurance	CIF Price
No.		the Item	Units	Price	Commission		price	Handling +	irport Price	+ Freight	(f+g)
					(If applicable)		(d=a+b-c)	DOC +	(f=d+e)	(g)	
				(a)	(b)	(c)		Inland			
								Freight +			
								FCA			
								Charges (e)			
1											

Note: At any circumstances, it is the responsibility of the foreign supplier to hand over the material to our forwarder at the origin airport after completing all the inland clearing. No Ex-works consignment will be entertained.

For indigenous items please quote as per following format.

S. No.	Description and Specification of the Item	Qty. in Units	Unit Price in Rs.	GST%	Total Price in Rs.
1.					
2.					

Note: The above financial template should be strictly followed. Any deviation from the above template (in terms of description and specification of the item) may lead to cancellation of the tender.