

GLOBAL TENDER ENQUIRY FOR SUPPLY AND INSTALLATION OF

"CONFOCAL MICROSCOPE"

AT ICAR-NDRI, KARNAL (HARYANA)

(TENDER NOTICE C NO. 288736/CONFOCAL MICROSCOPE)

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ICAR-NATIONAL DAIRY RESEARCH INSTITUTE, KARNAL (HARYANA)-132001

Website: https://ndri.res.in

1. Schedule of Tender

Tender document for the supply and installation of "Confocal Microscope".

Sealed tenders are invited from the reputed OEM/Channel partners/authorized dealers/firms etc. for supply and installation of "Confocal Microscope" with -Part $A \parallel$ as Technical Bids and "Part B" as Financial Bids. The details are as follows:

S.	Name of the	Quantity	Amount of
No	Equipment		E.M.D (Rs)
1.	Confocal Microscope	01	Rs. 3,30,000/-

Tender Document upload (publish) date/time : 1 9 /09/2024 05.00 PM
Pre Bid Meeting on : 30.09.2024 at 11.00 AM
Last Date & time for Submission of bids : 21/10/2024 up to 5.00 PM
Technical Bid opening date & time : 22/10/2024 at 11.00 AM
Date of Opening of Financial Bid

(only technically qualified bidders) : 24.10.2024 at 11.00 AM

Type of Tender: Single stage Two Bid System.

Mode of EMD : Bidders should send Demand Draft for EMD(Refundable without any Interest) in favor of **ICAR- Unit NDRI, Karnal**, payable at Karnal (Haryana) in separately sealed envelope along with the bid document.

NOTE:

- 1. If the tender is not opened on the above notified date, (due to any unforeseen circumstances), then the next working day will be considered as tender opening date.
- 2. The bidders who fail to submit the required tender EMD (if applicable), their bids will not be considered for opening.
- 3. Pre-bid meeting shall be held in the Jayanti Hall situated in Administrative Building of the institute on the date and time specified above.
- 4. Bidder or their authorized representatives may attend the opening of the tender.

2. Important Notes to the Bidder:

- 1. ICAR-National Dairy Research Institute, Karnal, invites tenders under -2 Bid system | for supply and installation of "Confocal Microscope" equipment as per the specifications given in the -Annexure A | .
- 2. Tender document can be downloaded from the ICAR-National Dairy Research Institute website at URL Link: https://ndri.res.in or Central Public Procurement Portal (CPPP) at www.eprocure.gov.in.
- 3. The bidders are requested to read the tender document carefully and ensure all the compliance with instructions therein. Non-compliance of the instructions contained in this document, may disqualify the bidders from the tender process.
- 4. All offers should be written in the English and price should be written in both, figures and words. The offer should be typed or written in pen ink or ball pen. Offer in pencil will be ignored. The tenderer shall certify that the rates being quoted are not higher than those quoted for any Govt. Deptt. or Institution or GEM or any organization and that if during the years at any time, the tenderer has quoted rates lower than those quoted against this tender, the Institute would be given the benefit of lower rates by the tenderer. The relevant documents should be enclosed with technical bid.

The prescribed tender documents should be submitted in one sealed envelope duly superscribed with -Tender for Confocal Microscope" and addressed to Assistant Administrative Officer, Purchase Section, ICAR-NDRI, Karnal (Haryana)-132001. This sealed envelope should contain three sealed envelopes marked A, B, & C, prescribed as under:

- a) Envelope A containing appropriate Earnest Money Deposit (EMD) in the form of Demand Draft in favor of Director ICAR-NDRI, Karnal payable at Karnal. Tender shall be rejected if the Earnest money in the form of D.D. is not found in proper order.
- b) **Envelope B** containing the Technical Bid along with the supporting documents. (See Terms & Conditions for more details)
- c) **Envelope** C containing the Financial Bid. The tender document should be sent to:

Assistant Administrative Officer, Purchase Section, ICAR-National Dairy Research Institute, Karnal (Haryana) 132001

- 5. The complete tender document is to be sealed and signed at each page by authorized official of bidder & is to be placed in the envelope contain technical bid documents.
- 6. Bidders are required to enclose photocopy of Bank Details with tender /quotation to enable us to make payment through on line transfer for refund of EMD etc.
- 7. All bids must be delivered to the above office up to the date and time indicated above. Bids will be opened in the presence of Bidders' authorized representatives who choose to attend to present on the specified date and time. In the event of the specified date for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be next working day or as announced by the Institute in the appropriate manner.
- 8. For any queries related to tender, AAO (Purchase) can be contacted at 0184-2259067 or at mail id babu.meena2@icar.gov.in.
- 9. Please Note that the tender document is subjected to verification with the original document, and if any

discrepancy is found, the tender would be rejected. Tenders (Technical Bid) will be opened first in the presence of the attending vendors.

Sr. Administrative officer (P)

3 TERMS AND CONDITIONS OF THE TENDER

- 1. All offers should be written in the English and price should be written in both, figures and words. The tenderer shall certify that the rates being quoted are not higher than those quoted for any Govt. Deptt. or Institution or any organization during last one year. If during the last one year at any time the tenderer has quoted rates lower than those quoted against this tender, the Institute would be given the benefit of Lower rates by the tenderer. The relevant documents should be enclosed with technical bid.
- 2. Institute reserves the right to revise or alter the specifications before acceptance of any tender with prior notice on the Institute website and Central Public Procurement Portal (CPPP).
- 3. Incomplete bid, amendments and additions to bid after opening are liable to be ignored and rejected.
- **4.** The Bid shall be treated as a 2 Bid System. The Technical Bid will be considered for evaluation of those bidders whose Earnest Money Deposit (EMD) is found in order. Financial Bid shall be opened for those bidders who have qualified in Technical Evaluation.
- 5. Changes/Amendment: At any time prior to the deadline for submission of tender, the Institute may amend the tender documents issuing addendum/corrigendum. The Institute shall have the right at any time, by written notice, in the form of an amendment order, to make any changes, if, deems necessary, including, but not limited to, changes in specifications, design, delivery, testing methods, packing or destination. If any such required changes cause an increase or decrease in the cost of or the time required for performance, the bidder may submit revised quotation, if required. However, in case of non-submission of revised quote, original bid shall be considered for evaluation.
- 6. Bid Validity- Bids should be valid for a period of 180 days from the date of opening of Technical bid.
- 7. Withdrawal of bids: No bidder will be allowed to withdraw its bid in the interval between the deadline of submission of bids and expiration of period of bid validity. Withdrawal of bid during this period will result in forfeiture of the bidder's bid security (EMD) and other sanctions.
- 8. OEM/Channel Partner/Authorized Dealer/agents of Supplier: when a firm sends quotation for an item manufactured by some different company, the firm is also required to attach, (in its bid,) the manufacturer's authorization certificate and also manufacturer's confirmation of extending the required warranty for that product. In cases where the manufacturer has itself submitted the bid, the bids of its authorized dealer will not be considered and EMD will be returned.
- 9. Agency Commission: The amount of Agency Commission, in case of manufacturer/supplier is from the foreign country (normally not exceeding five percent) payable to the Indian Agent should not be more than what is specified in the Agency agreement (a certified copy should be submitted along with the bid) between the bidder and the Indian Agent. The Indian Agent will be required to submit a certificate along with their Agency Commission bill, confirming that the amount claimed as Agency Commission in the bill has been spent/will be spent, strictly to render services to the foreign Principal, in terms of the Agency Agreement. The Purchaser or their authorized agencies and/or any other authority of the Government of India shall have rights to examine the books of the Indian Agent and defects or misrepresentations in respect of the afore indicated confirmation coming to light during such examinations will make the foreign Principal (i.e. the Contractor) and their Indian Agent liable to be banned/ suspended from having business dealings with the Purchaser, following laid down procedures for such banning/suspension of business dealings.
- **10. Conflict of Interest among Bidders/Agent:** The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a. they have controlling partner (s) in common; or
- b. they receive or have received any direct or indirect subsidy/financial stake from any of them; or
- c. they have the same legal representative/agent for purposes of this bid; or
- d. they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
- e. Bidders are not allowed to participate in more than one bid in this bidding process. Participation by a bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/sub-assembly/assemblies from one bidding manufacturer in more than one bid.
- f. In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bidfrom the following:
- I. The principal manufacturer directly or through one Indian agent on his behalf; and
- II. Indian/foreign agent on behalf of only one principal.
- g. a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid;
- h. in case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/common business/ management units in same/similar line of business.
- 11. Bid Security: Bid Security should remain valid for a period of 45 (Forty-Five) days beyond the final bid validity period. The Bid Security can be submitted in the form of an account payee demand draft, fixed deposit receipt, or banker's cheque. The MSEs are exempted from payment of earnest money, subject to furnishing of relevant valid certificate for claiming exemption. A bidder's Bid Security will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required Performance Security within the specified period. Bid securities of the unsuccessful bidders should be returned to them at the earliest after expiry of the final bid validity period and latest by the 30th day after the award of the contract. Bid Security shall be refunded to the successful bidder on receipt of performance security.
- **12. MSE Bidders**: Micro & Small enterprises (MSE) must, along with their bids, provide proof of their being registered as MSE/including the terminal validity date of their registration for the item tendered.
- **13. Public Procurement** (Preference to Make in India), Order 2017 amended vide OM bearing No. P45021/2/2017-PP(BE-II) dated 04.6.2020 and again on 16.9.2020 issued by department of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce and Industry, Govt. of India.
 - As per Public Procurement (Preference to Make in India), revised Order 2017 the 'Class-I local supplier' will get preference over non local suppliers, as defined under the Order:-
- I. **Class-I local supplier'** means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%, as defined under this Order.
- II. **Local content'** means the amount of value added in India which shall, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- III. **Purchase Preference:** Purchase preference shall be given to 'Class-I local supplier' in procurements in the manner specified here under.
- a) If L1 bidder is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1 bidder.

Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly.

- b) In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- c) In the procurements of goods or works, which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:
- I. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
- II. If L1 bidder is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- III. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price; the contract may be awarded to the L1bidder.
- d) "Class-II local supplier" will not get purchase preference in any procurement undertaken by procuring entities.
- e) **Margin of Purchase Preference**: The margin of purchase preference shall be 20%.
- f) **Exemption of small purchases:** procurements where the estimated value to be procured is less than Rs. 5 lakhs shall be exempt from this Order.

g) Verification of local content:

- a) The 'Class-I local supplier'/ 'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'/ 'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- b) In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local supplier' 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- c) False declarations will be in breach of the Code of Integrity under Rule 175 (1) (i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
- d) A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment.
- e) In pursuant of the clarification vide GOI Notification vide OM bearing No. P45021/102/2019-PP(BE-II) (E-29930) dated 26.11.2020 issued by Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of commerce and Industry, GOI that bidders offering imported products will

- fall under the category of Non-Local suppliers and they can't claim themselves as Class-I local supplier/Class –II local suppler by claiming profit, warehousing, marketing, logistic, freight etc. as local value addition.
- f) Since it is Global Tender Enquiry (GTE) thus non-supplier in terms of GOI Notifications vide OM bearing No. P-45021/2/2017-PP(BE-II) dated 04.6.2020 and again on 16.9.2020 issued by department of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce and Industry, Govt. of India are also eligible for participation in the tender.

14. Restrictions for bidders from countries sharing land border in India

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

Explanation—

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

- body of individuals;
- 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- v. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

Model Certificate for Tenders

- -I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India,' I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]
- 15. Performance Security: On receipt of notification of award/issue of PO from the Institute, the successful Bidder within 14 days shall furnish the performance security at 5% of the cost of the material ordered in the form of DD/FDR in favor of ICAR-UNIT, NDRI, KARNAL or in the form of Bank Guarantee issued/confirmed from any of commercial bank in India in an acceptable form. Performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligation of the supplier, including warranty obligations. The Performance Security will be forfeited and credited to the Institute account in the event of a breach of contract by the contractor. It will be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60 (sixty) days of completion of all such obligations including the warranty under the contract. Failure of the successful bidder to submit the performance security shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.
- **16. Prices and Taxes:** Prices quoted should be firm and shall remain firm until required deliveries have been completed unless otherwise expressly agreed to, in writing by both parties. The vendor agrees that any price reduction made with respect to Material covered by this order subsequent to placement will be applied to the order.
 - I. **Elements of Price:** Where the price has several components such as the price of the goods, cost of installation and commissioning, operators' training, and so on, bidders should furnish a cost break-up indicating the applicable prices and taxes for each of such components along with the overall price.
 - II. **Currency:** Domestic tenderers are to quote and accept their payment in Indian currency; Indian agents of foreign suppliers are to receive their agency commission in Indian currency; costs of imported goods, which are directly imported against the contract, may be quoted in foreign currency (currencies) and will be paid accordingly in that currency; and the portion of the allied work and services, which are to be undertaken in India (like installation and commissioning of equipment) are to be quoted and paid in Indian currency.
 - **Prices should be FOR –NDRI, KARNAL** and for imported equipment, supplier will be responsible for custom clearance and forwarding the same up to Institute campus. Custom Duty will be reimbursed on actual basis, after submission of the evidence in original. All prices specified herein include all charges for, but not limited to, inspection, and packaging. Prices set forth shall be inclusive of applicable

taxes until and unless specified in the schedule.

This Institute is registered with DSIR for availing concessional Custom Duty. However, rate should be quoted as per latest applicability of above notifications/certificates.

17. Price Fall Clause:- If at any time prior to delivery of the equipment/stores, the bidder/supplier reduces the sale price of such equipment stores as covered under this tender enquiry, to any organization (including Central/State/Deemed Institute) at price lower than the price quoted under this contract, he shall forthwith reduce the price payable under this tender for the equipment/stores being supplied after the date of coming into force of such reduction, the price of equipment/stores shall stand corresponding reduced.

18. Terms of Payment:

a. **Terms of payments for Domestic Goods:** 90% of the total payment shall be released on delivery of complete equipment/stores (stores/consignee receipt), inspection report and on certification of satisfactory installation of the equipment at the consignee's premises and after "ensuring verification of the Performance Security". Balance 10% of the payment shall be released upon successful Test run of the equipment at least for a month and after ensuring that already furnished Performance Security is valid for a period of 60 days beyond the date of completion of all contractual obligations of the bidder / supplier including comprehensive maintenance warranty obligations.

b. Documents for Payments of Domestic Goods:

- i. Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value;
- ii. Packing list;
- iii. Insurance certificate, if applicable;
- iv. Railway receipt/consignment note;
- v. Manufacturer's guarantee/warranty certificate;
- vi. Inspection and installation certificate duly signed by the service engineer and Institute official; and
- vii. Any other document(s) as and if required in terms of the contract.
- viii. Copy of cancelled cheque/NEFT detail for making online payment.

c. Terms of payments for Imported Goods:

I. An irrevocable letter of credit (L/C) for 100% of the value of the imported equipment/stores (excluding the value of the Indigenous / Indian equipment / stores, if any) shall be established on submission of the acknowledgement of the order by the successful bidder stating the country of origin and port of shipment, submission of Performance Security @ 5% of the Purchase Order value, four copies of the Performa invoice and confirmed Letter of Credit (LC) opening details. It shall be the responsibility of the bidder to ensure that all the requisite documents are provided to the purchaser including the Performance Security in original for appropriate denomination and period on priority basis, so as to ensure opening of LC on time.

Out of this, 90% of the value of the imported equipment/stores will be paid against shipping documents to the Principal through L/C. Balance 10% will be released within 30 days after due certification by the Purchaser/Institute for successful commissioning of the equipment at the premises and also, after ensuring that the furnished Performance Security is valid for a period of 60 days beyond the date of completion of all contractual obligations of the bidder/supplier.

- d. **Documents for Payments of Imported Goods:** Documents, which the supplier is to furnish while claiming payment, as specified in the Letter of Credit, but usually are:
 - i. Supplier's original invoice giving full details of the goods including quantity, value, and so on;
 - ii. Packing list;
 - iii. Certificate of country of origin of the goods to be given by the seller or a recognized chamber of commerce or another agency designated by the local Government for this purpose;
 - iv. Manufacturer's test certificate and guarantee;
 - v. Certificate of insurance;
 - vi. Bill of lading/airway bill/rail receipt or any other dispatch document, issued by a Government agency (like the Department of Posts) or an agency duly authorized by the concerned Ministry/Department, indicating:
 - a) Name of the vessel/carrier;
 - b) Bill of lading/airway bill;
 - c) Port of loading;
 - d) Date of shipment;
 - e) Port of discharge and expected date of arrival of goods; and any other document(s) as and if required in terms of the contract.
 - e. Payment of agency commission: Payment shall be made in Indian rupees within 30 (thirty) days of presentation of claim supported by a certificate from the purchaser conforming that the goods have been delivered, full 100% payment have been made to the foreign supplier and all other contractual obligations, have been performed by the supplier and its agent for claiming this payment. The payment (towards agency commission) will be made by the purchaser's paying authority specified in the contract and not through Letter of Credit.
- **19. Comparison on Delivered Duty Paid(DDP) Incoterm Basis:** The comparison of the responsive Bids shall be on DDP basis on destination (ICAR-NDRI, Karnal, Hayana-132001), duly delivered, commissioned, etc. as the case may be.
- 20. Insurance: The goods supplied under the contract, shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. Insurance shall cover -all risks including war, riots, strikes, civil commotion etc. The amount to be covered under insurance shall be 110% of the overall expenditure to be incurred by the Procuring Entity for receiving the goods at the destination on DDP basis.
- **21. E-Payments:** Bidders are required to enclose photocopy of cheque & NEFT Bank Details with tender /quotation to enable purchaser to making payment through on line transfer.
- **22. Deduction of Income Tax, Service Tax and so on, at source from payment to suppliers**: This will be done as per existing law in force during the currency of the contract.
- 23. Refund from Supplier: if the supplier, after claiming and receiving reimbursements for GST, excise duty, custom duty, and so on, from the purchaser, applies to the concerned authorities for refunds, on genuine grounds, of certain portions of such duties and taxes paid by it and receives the allowable refunds. Such refunds contain the purchaser's share also (out of the payments already made by the purchaser to that supplier) should be refunded to the Institute.

24. Delivery Period:

- (a) Delivery of Materials:
 - (1) Delivery of all materials is to be made within 90 days from the date of the receipt of Purchase Order through mail to the supplier. Delay in delivery beyond delivery period as mentioned in the purchase order (if contract is awarded) will attract Liquidated Damages (LD Clause).
 - (ii) The date of E-mail on which PO/Notification of award is sent to the firm/supplier will be considered as date of PO delivered to them.
 - (b) Extension of Delivery Period: Delivery of the Goods and performance of the services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damage, in which case the extension shall be ratified by the parties by amendment of the Contract. Except as provided under the Force Majeure Clause, a delay by the supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to liquidated damages Clause unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.
- **25. Liquidated damages for delayed supply:** If vendor fails to deliver any of or all products or does not perform the services within the period specified in the contract, the Institute reserves the right to, without prejudice to its other remedies under the contract, deduct from the bill, a sum equivalent to 0.5 % of the price of undelivered stores for each week to maximum limit of 10% of the value of stores so undelivered. Once maximum is reached, buyer may consider termination of contract.
- **26.** Prices quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.
- 27. All lots and items as mentioned in the technical specifications must be listed and priced separately in the Commercial Bid. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.
- 28. Denial Clause (over and above levy of Liquidated damage): Costs due to any increase in statutory duties or any adverse fluctuation in foreign exchange are to be borne by the seller during the extended delivery period, while the purchaser reserves the right to get any benefit of downward revisions in statutory duties, foreign exchange rate etc.
- 29. Shipping, Packaging and Labeling: All Material purchased hereunder must be packed and packaged to ensure its safe delivery in accordance with good commercial practices and where incorporated, the Institute packaging specification. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their finaldestination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit, including the final destination. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in the contract and in any subsequent instructions ordered by the Purchaser. It is the sole responsibility of the vendor to provide/replace

the item/goods, if it is lost or broken during the shipping or transportation due to whatever may be the reason. Vendor is responsible to ensure, by contacting the Institute, that the shipping has been properly done i.e., all the items/goods have properly reached the Institute.

- **30. Inspection and Acceptance:** Material procured from vendor shall be inspected and tested by the Institute or its designee at vendors cost. If deemed necessary by the Institute, the Vendor shall provide without charge, all reasonable facilities and assistance for such inspection and test. Any inspection records relating to Material covered by this agreement shall be made available to the Institute during the performance of the order.
 - i. If any Material covered by this agreement is defective or otherwise not conforming to the requirements of this agreement, the Institute may, by written notice to the Vendor:
 - i. rescind the purchase/supply order as to such non-conforming Material;
 - ii. accept such material at an equitable reduction in price;
 - iii. reject such non-conforming material and require the delivery of suitable replacements
 - ii. If the vendor fails to deliver suitable replacements promptly, the Institute, with notice of seven business days, may replace or correct such material and charge the vendor the additional cost occasioned thereby, or terminate this order for default.
 - iii. No inspection (including source inspection) test, approval (including design approval) or acceptance of material shall relieve the Vendor from responsibility for defects or other failures to meet the requirements of this order. Rights granted to the Institute in this article entitled INSPECTION is in addition to any other rights or remedies provided elsewhere in this order orin Law.
 - 31. Invoicing / Payments / Set-Offs: After completion of supply against the purchase order, the Vendor shall send duplicate invoices including item number to the Institute Concern Department.Payment of invoice shall not constitute acceptance of Material ordered and shall be subject to appropriate adjustment, if the Vendor failed to meet the requirements of this agreement. The Institute shall have right at any time to set-off any amounts due to the Vendor, (or any of its associated or affiliated companies) against any amounts owed by the Institute with respect to this agreement.
 - **32. Selection of the Bidder:** For the purpose of selection of the bidder, a two-stage bidding process will be followed. The response to the tender should be submitted in two parts viz. Technical Bid & Commercial Bid.
 - i. Technical Bid: Technical bid should contain information regarding the company/firm registration details, Authorization letter, Clientele list (List of Users), Performance certificate from clients, selfdeclaration for not black listed, business turnover, experience and other details of the firm to judge the suitability of the bidder. Bidder must ensure the following conditions while going for the bidding:
 - I. SPECIFICATIONS: Specifications are basic essence of the product/contract. It must be ensured that the offers must be strictly as per our specifications mentioned at Annexure-A at technical specification section. At the same time, it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected /supported by the printed technical leaflet/literature. Therefore, the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation.
 - II. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.

- III. OEM should be internationally/Nationally reputed Branded Company.
- IV. Copy of mandatory test reports, national testing/reliability and endurance test reports etc., certified or conducted at the manufacturing site, granted by the bureaus/quality control departments/national testing laboratories.
- V. A write up on service and maintenance capability, mitigation of risks or breakdown and replacement capability, with the escalation support matrix suggested for the Institute. Vendors must indicate their sales and support service center in India and their plan to address issues about services, maintaining minimum service inventory etc.
- VI. Signed & Stamped compliance sheet of the technical specification of the offered equipment with technical printed literature must be enclosed with the technical bid in the prescribed format.
- VII. Clientele list (List of the institutes/organizations, where the similar order has been executed during the last three years) and work done list. Supporting documents (couple of orders without any alteration/modification, copies of installation report and performance certificate) must be enclosed. Past Performance of the Vendors will be judged at the time of Technical Evaluation.
- VIII. Average Annual turnover of the bidder, for the last three successive years should be **Rs.5.00** (**crores**) duly certified by the Chartered Accountants.
 - IX. Self-attested photocopy of annual turnover, IT clearance Certificate, Audited Balance Sheet, etc. for last three years.
 - X. The bidder/OEM self-declaration stating that he/she is not banned/debarred or black listed by any Central/State Govt. of India/PSU/Organizations/Institutes in India or abroad in prescribed format.
 - XI. DD for EMD amount.
- XII. Institute reserves the right to carry out a technical inspection and performance evaluation (benchmarking) of the offers, made by shortlisted vendors. The shortlisted vendors may be asked to come and give out presentation / demonstration.
- ii. Short listing of Bidder: Institute will shortlist bidders, who found technically qualifying and the financial bid of only these bidders will be opened. Institute reserves the right to decide whether the items being quoted are as per the requirement of the Institute and are of standard/leading brands in the market. Institute reserves the right to decide which offer best suits the requirement of the Institute. Further, after opening financial bids of the short listed bidders, if there is a discrepancy between word and figure, the amount indicated in words will prevail.
- iii. **Price Bid/ Financial Bid:** Financial bid should contain price of the material required to be supplied as per Price Schedule *Annexure-B* as supplied by the Institute along with tender form, duly filled and signed by the authorized person.
 - Note: Cost of CMC will also be considered for evaluation of total cost/price of the equipment for deciding the lowest responsive bidder.
- 33. Installation and Commissioning: Free of cost at Institute within 15 days of delivery. The OEM must ensure timely installation of the complete unit with necessary support to the purchasers.

34. Evaluation & Comparison of Bids

(a) **Conversion to Single Currency**: To facilitate evaluation and comparison, the Purchaser will convert all quoted prices expressed in various currencies to Indian Rupees at the selling exchange rate established by any bank in India as notified in the Newspapers on the date of opening of financial bids. For this purpose, exchange rate notified in www.xe.com or www.rbi.org or any other website could also be used by the

- purchaser applicable in this case as all bidders are free to quote in multi-currency.
- (b) For the bids surviving the technical evaluation which have been found to be substantial responsive shall be evaluated and compared.
- (c) To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted. The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.

(a) For goods manufactured in India

- (i) The price of the goods quoted ex-works including all taxes already paid
- (ii) GST and other taxes, if any which will be payable on the goods if the contract is awarded.
- (iii) Charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination.
- (iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, CMC, site preparation and training including any incidental services, if any.

(b) For goods manufactured abroad

- (i) The price of the goods, quoted on **Delivered Duty Paid (DDP) INCOTERM** basis with final destination at ICAR-NDRI, Karnal, Haryana-132001.
- (ii) The agency commission etc., if any.
- (iii) the cost towards the installation, commissioning, spares, warranty, CMC, site preparation and training including any incidental services, if any.
 - The comparison between the indigenous and the foreign offers shall be made on final price quoted for successful delivery, installation, commissioning & training including all costs, duties and taxes.
- **35. Award of contract:** Before expiry of the bid validity period, the purchaser will notify the successful bidder in writing by mail and speed post/ Registered post that its bid has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods and corresponding prices accepted. The successful Bidder must furnish to the purchaser the required performance security within 14 days of the issue of PO. The notification of award shall constitute the conclusion of the contract.
- **36. Signing of Contract:** Promptly after notification, the Purchaser shall send the successful Bidder the contract Agreement. Within fourteen (14) days of date of the Purchase Order, the successful Bidder shall sign, date, and return it to the Purchaser.
- **37. Conditional Offer** will not be accepted.

38. Rejection of Bid

- If bidders give wrong information in their bid, Institute reserves the right to reject such bids at any stage and forfeit the Earnest Money Deposit / Performance Bank Guarantee and cancel the order, if awarded.
- ii. If the technical offer contains any price information the offer will be summarily rejected.
- iii. Canvassing in any form in connection with the tender is strictly prohibited and the bids submitted by the bidder who resort to canvassing are liable for rejection.
- Unsigned tenders/bids, unattested corrections and over writing by bidders are also liable for rejection.
- v. Bids submitted without supporting documents as mentioned or required to submit with bids are liable to be rejected.
- vi. The Tenderers must confirm in their bid acceptance in full of the terms and conditions in this enquiry.

Any non-acceptance or deviations from the terms and conditions must be clearly brought out. However, tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this enquiry may render /liable the Quotation for rejection.

- **39. Assignment / Subcontracting /sublet:** The Vendor shall not assign the order received, any rights under this agreement or to become due hereunder neither delegated nor subcontracted /sublet any obligations or work hereunder without the prior written consent of the Institute.
- 40. Cancellations of tender: The Institute Reserves Right to Accept any Bid and to Reject any or all Bids. The Purchaser also reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser's action. The Institute may cancel agreement entered with vendor in whole or in part, for no cause, upon written, FAX, or telex notice to the Vendor, effective when sent, provided such notice is sent ten (10) days prior to the delivery date, specified on the face of this order, in the event that the vendor:
- i. fails to comply with any term or condition of this order including, but not limited to, delivery terms; or
- ii. appoints a receiver, liquidator or trustee in bankruptcy or other similar officer over any or all of its property or assets; or
- iii. files a voluntary petition in bankruptcy; or
- iv. has had filed against it an involuntary petition in bankruptcy which remains in effect for thirty (30) days; or voluntarily ceases trading; or
- v. merges with or is acquired by a third party; or
- vi. Assigns any of its rights or obligations under the Order to a third party without the Institute _s prior written consent. Upon the occasion of any one of the aforesaid and in addition to any remedies which theInstitute may have in Law or in Equity, the Institute may also cancel this order or any outstanding deliveries hereunder by notifying the Vendor in writing of such cancellation and the Vendor shall thereupon transfer title and deliver to the such work in progress or completed material as may be requested by the Institute. The Institute shall have no liability to the Vendor beyond payment of any balance owing for Material purchased hereunder and delivered to and accepted by the Institute prior to the Vendor's receipt of the notice of termination, and for work in progress requested for delivery to the Institute.

41. Warranty: -

- i. Two years comprehensive onsite warranty from the date of successful installation of the equipment & as mentioned in the technical specification section with the statement of availability of spares, Hardware, Consumables, Electronic Boards etc. for at least 10 years from the date of the installation of equipment, against any manufacturing defects and also give the warranty declaration that everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship, transportation hazards, and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specifications. During the warranty period, replacement of any part of equipment's or rectification of defects of works will be free of cost.
- ii. Any deviation in the material and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction / specifications specified in the order / contract and demonstrate at their own cost. The payments shall be made only after receiving the material in the required specifications and quality to the satisfaction of the

Institute authorities.

- iii. Downtime: During warranty period not more than 5% downtime will be permissible. For downtime exceeding penalty equivalent to 0.50% of the F.O.R. value of the equipment for every week or part thereof may be imposed. Downtime will be counted from the date and time of the filing of complaints within the business hours of the tenderer.
- iv. The Vendor shall warrant that any Material supplied hereunder shall conform to the generally recognized manufacturing and safety standards of the Vendor's industry or as per Indian Standard Institution (ISI) or similar standard. The Vendor's specifications on performance as detailed in the Vendor's brochures, sales literature and other specifications as may be available to the Institute.
- v. Vendor should provide insurance up to the delivery point (on-site and not up to the nearest international airport) and until the time of installation.
- vi. Vendor shall provide at least one preventive maintenance service per year during the warranty period.
- vii. In addition to any other express or implied warranties, the Vendor warrants that the material furnished pursuant to this order will be
 - (i) Free from defects in design except to the extent that such items comply with detailed designs provided by the Institute of merchantable quality and suitable for the purposes, if any, which are stated in the tender/quotation.
 - (ii) This warranty provision shall survive any inspection, delivery, acceptance, payment, expiration or earlier termination of this order and such warranties shall be extended to the employees, students, and users of the material. Nothing herein, however, shall limit the Institute rights in law or equity for damages resulting from delivery of defective goods or damage caused during the delivery of goods or provision of services.
 - (iii) Rights granted to the ICAR-NDRI Karnal in this article entitled WARRANTIES are in addition to any other rights or remedies provided elsewhere in this order or in Law.
 - **42. Consumables/spares**: All hardware & software including drivers, device interface cards/network adaptor card must be pre-installed & pre-configured in the computer /equipment provided. Licensed version of system software should be provided, if such system is also a part of supply. Manual Hard copies of instruction/operation/service manuals should be supplied. List of important Consumable/ Spares and parts having sufficient shelf life for trouble free operation of three years should also be provided.

43. Training/installation:

- a. Installation testing: suppliers of the instrument must provide free installation, commissioning and testing of the equipment in the laboratory of the ICAR-NDRI, Karnal & training is to be provided as mentioned in Annexure-A.
- 44. C.M.C.: A separate maintenance contract will be executed after completion of the warranty period. Hence, bidders must quote price of CMC for next three years (year wise) after the expiry of warranty period. While evaluating the offers, the cost component towards maintenance of the goods for specified number of years (i.e. three year) may also be added in the evaluated tender value on overall basis to decide the inter se ranking of the responsive tenderers.
- **45. Patent Indemnity:** The Vendor shall have to indemnify, hold harmless and defend the Institute, its employees, and students with respect to all claims, suits, actions and proceedings of actual or alleged infringements of any Letter, Patent, Registered or Industrial Design, Trademark or Trade Name, Trade Secret, Copyright or other protected right in any country resulting from any sale, use or manufacture of any Material delivered hereunder and to pay and discharge all judgments, decrees,

- and awards rendered therein or by reason thereof and bear all expenses and legal fees (including the Institute) associated herewith. The Institute reserves the right to be represented in any such action by its own counsel at its own expense.
- 46. Compliance with Laws: After acceptance of tender, successful bidder shall have to comply with the requirements of all the existing laws. The Vendor shall also have to comply with the Fair Labour Standards Act and the Occupational Safety and Health Act, and all other applicable laws, ordinances, regulations and codes in the Vendor's performance hereunder. The Vendor will have to indemnify and hold the Institute and its customers harmless from any loss or damage that may be sustained by the Institute, by reason of the Vendor's failure to comply with any laws, ordinance, regulations and codes.
- **47.** Law of the Contract: The agreement entered with vendor shall be governed by and interpreted in accordance with the laws in existence and the Jurisdiction of Karnal.
- **48. Site preparation**: The supplier shall inform the Institute about the site preparation, if any, needed for installation, immediately after receipt of the supply order. Suppliers must provide complete details regarding space and all infrastructural requirements needed for the equipment, which Institute should arrange before the arrival of equipment to ensure its early installation and smooth operation thereafter. The supplier may offer his advice and render assistance to Institute in the preparation of the site and other pre-installation requirements.

49. Resolution of disputes

- i) If dispute or difference of any kind shall arise between the purchaser and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- ii) If the parties fail to resolve their dispute or difference by such mutual consultation within twenty one days of its occurrence, then, unless otherwise provided in the SCC, either the purchaser or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided:
- iii) When the contract is with domestic supplier, the applicable arbitration procedure will be as per Indian Arbitration and Conciliation Act, 1996.
- iv) When the contract is with foreign supplier, the supplier has the option to choose either Indian Arbitration and Conciliation Act, 1996 or Arbitration in accordance with the provision of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.
- **50. One-time shifting and re-installation**: Instrument may need shifting and reinstallation. If needed one-time shifting and re-installation is to be done free of cost.
- 51. Delivery and Opening of Tender: All tender documents should be sent through courier, speed post, registered post or by person. Telegraphic / fax offer will not be considered and ignored straightway. All tender documents received after the specified date and time shall not be considered. The completed tender should be delivered at PURCHASE SECTION, ICAR-NDRI, KARNAL-132001(HARYANA)

The Technical Bid will be opened on 21.10.2024 (at 11.00 A.M.)

I/We have read all the enclosed Terms and Conditions carefully and ready to accept and according to that I/We are submitting herewith the tender.

4. TECHNICAL SPECIFICATIONS SECTION

Technical Specifications: The tenderer shall meet the respective minimum technical specifications for the item that is being bid for. Any additional features or specifications in excess of these minimum specifications will be appreciated.

I / We the undersigned am / are ready to supply & install the following instruments along with all other accessories complete as mentioned below with accepting the terms and conditions which are enclosed with this order form and quote for the same

The technical specifications for the Instrument are being placed under this tender have been detailed here under: This also includes all the components of the particular instrument / equipment that are being tendered for.

S. No.	Instrument/Equipment	Quantity		
1.	Confocal Microscope	01		

Name of the item	Unit	Quantity
Confocal Microscope	1	1
Technical Specifications		

Specifications Confocal Microscope with Accessories

Fully motorized inverted modular fluorescence microscope based confocal platform for super-resolution, High-Speed imaging applications. The system should be capable to perform macro to micro imaging with wider applications including long-term time-lapse imaging, co-localisation, 3-D reconstruction, FRET, FRAP and Photo activation/conversion experiments. The system should be onsite up-gradable to live-cell imaging and FCS. The fully spectral confocal system should feature the below specifications:

Inverted Fluorescence Microscope

1. FRAME:

- a) Fully motorized microscope with a built in Z motor with minimum 10-25 nm step size.
- b) The motorized nosepiece should accommodate at least 6 objectives.
- c) All the microscope parameters should be displayed on the computer/attached LED display.
- d) The system should come with motorized beam path selection for visual and confocal imaging.
- **2. TRANSMITTED LIGHT:** Motorized Inverted fluorescence microscope with bright LED for DIC and bright field applications.
- **3. EYEPIECES:** A suitable binocular observation tube with two 10X eyepieces with a approx 22 FN or higher.

4. CONDENSER:

- *a*) A motorized 6-7 position long working distance condenser (Numerical Aperture 0.55 or higher) with dedicated slots for DIC prism for respective 4X/5X. 10X, 20X, 40X, 60X and 100X objectives.
- b) It should have a motorized polariser in the DIC optical path.
- c) The condenser should also have motorized or any foolproof mechanisms to disengage the mirrors/prisms from the optical path to avoid any reflection of lasers during confocal imaging.

5. Sample Stage:

- a) Motorized X-Y Stage with controller and holders to adapt 35/60 mm Petri plates, 96 Well plates, and Slide/chamber slides.
- b) For future upgrade, it should be able to hold system for live cell applications (CO2 incubator).

6. OBJECTIVES:

- a) Confocal Grade Plan Apochromatic objectives with approximately 4X/5X, 0.12-0.16 NA; 10X / 0.40 NA or higher; 40X / 0.95 NA or higher with correction collar, oil immersion 63X or 60X / 1.4 NA; or higher and Oil immersion 100X / 1.45 NA.
- **b**) Additionally long working distance 20X / 0.70 NA or higher with correction collar for cell-culture, iPS cells and live cell imaging on glass bottom as well as plastic bottom sample dishes.
- c) Hardware based continuous Focus Drift compensation technology having LED based mechanism. It should be usable for Glass as well as Plastic dishes.

7. FLUORESCENCE:

- a) A bright, high power LED source (>20,000 hrs life) with external controller.
- b) The motorized fluorescence filter cube/wheel turret should have 6-8 slots and supplied with narrow band i.) DAPI or equivalent, ii.) FITC or equivalent, iii.) TRITC or equivalent, iv.) CY5or equivalent, v). Alexa Fluor 700 or equivalent.

CONFOCAL

8. LASERS AND COMBINER:

- a) All the lasers should be stable diode/solid state laser controlled essentially by AOTF technology for precise switching and swift selection of the desired laser lines and ROI based photo-bleaching and photo-activation.
- b) The system should be supplied with minimum 4 high power lasers lines 405nm, 488nm, 561nm, and 640nm (≥10 mW power for each).
- c) The Laser Combiner unit should be able to accommodate at least 1 more laser by default.

9. SCANNER:

- a) XY galvo scanner with FOV 18 mm or higher without zooming or de zooming (@1X zoom), with scanning resolution of at least 4k x 4k per channel or better and a scanning speed of up to 10fps @512x512 resolutions or better.
- b) The system should also have a dedicated resonant/high speed scanner for high-speed imaging with 25-30 FPS at 512x512 or 240 FPS at 512x16 resolution at 1X zoom.

10. DETECTORS:

- a) The system should be equipped with at least 2 high sensitivity spectral detectors with minimum QE of 45% GaAsP or better detectors and it should be up-gradable to additional detectors.
- b) All the detectors should be able to perform spectral un-mixing simultaneously from 400 to 750 nm with spectral resolution at least 2-5 nm throughout the spectral range.

11. Super Resolution Attachment

- a) Imaging with Fully automated and motorized SR attachment with suitable high sensitive Detector for complete Vis Spectrum with Lateral resolution of 120 nm or better and Axial resolution of at least 350 nm or better should be expected out of the system.
- b) Sample depth of penetration of approx.50 microns should be possible in SR mode.

12. IMAGING SOFTWARE:

A Dedicated Confocal Imaging and Analysis Software should be supplied with following minimum Features:

- a) Controlling All Motorized Functions of the Microscope and confocal System.
- b) Z-Stack, Frame/line/lambda scanning &capturing.
- c) Time Series imaging capabilities.
- d) FRAP, FRET Imaging and analysis.
- e) Co-localization analysis and volume rendering.
- f) Real time ratio-display and analysis and Real time spectral Unmixing.
- g) Intensity measurement (online & offline) over time, over depth and over lambda.
- h) Co-localization, 3D rendering and 2D deconvolution
- i) Spectral un-mixing for separation of overlapping excitation/emission spectra of fluorophores.
- j) Real time Super resolution capability through detectors.
- k) Analysis Software license should be provided for one additional work station.

13. COMPUTER FOR DATA ACQUISITION AND ANALYSIS:

The System must be controlled with computer control unit having the latest 64 bit control computer with the latest Intel 8-10 core Xeon or 14-core i9 Processor (13th Gen or latest), DDR5 RAM 64 GB or better, 1TB SSD and additional 8 TB or higher HDD. Graphics: NVIDIA Quadro 5000 or RTX4060 GPU (or their latest), Win 10/11 Pro, MS Office, 32 inch 4K IPS-LED monitor.

14. ANTI VIBRATION TABLE: A suitable 4ft X 3ft anti-vibration table to fix the microscope and confocal microscope should be part of standard supply.

ACCESSORIES AND OTHER ITEMS

- **15.** A suitable online UPS with isolation transformer with 1 hr backup.
- 16. The specifications in compliance table should be supported by original brochure/literature.
- **17.** Detailed list of users of the quoted system in India should be provided by bidder.
- **18.** The Supplier/Vendor will provide minimum 3-5 days' application training to our technical staff/scholars followed by 3 more training during the first year of Installation each having minimum duration of 2 days.
- **19.** The system should be supplied/quoted with minimum 2 years' standard warranty. Price for additional 3 years CMC should be quoted on annual basis.
- **20.** The system will be installed and commissioned by the supplier with all accessories at the time of installation at NDRI, Karnal.
- 21. The system should be supported with services, spares, and accessories by the company for a minimum of ten (10)

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(5) TENDER FORM

(Techno Commercial un priced Bid)

Th	e
De	ear Sir,
1.	I/We hereby offer to supply the items as listed in the schedule to this tender hereto/portion thereof as you may specify in the acceptance of Tender at the price given in the said Schedule and agree to hold this offer open for a period of 180 days from the date of opening of the tender. I/we shall be bound by a communication of acceptance issued by you.
2.	I/We have understood the Instruction to bidders and Conditions of Contract in the form as enclosed with the

invitation to the tender and have thoroughly examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in

4. The following have been added to form part of this tender.

accordance with the specifications and requirements.

- a) Details of items quoted for, as per instructions provided in the schedule of requirement.
- b) Schedule of requirements, quoting the make only duly signed and stamped (without indicating price)
- c) Copy of PAN.

Tender No.....

To

- d) Copy of last audited balance sheet.
- e) Copy of Valid Central/State sales tax/GST registration certificate.
- f) Proof of manufacturing Unit.
- g) Statement of deviations from financial terms & conditions, if any.
- h) Manufacturer's Authorization Certificate on their letter pad.
- i) Technical Specifications Compliance statement along with original Brochure / literature.
- i) Any other enclosure. (Please give details)
- 5. We undertake to execute all orders which have been placed to meet emergent requirements on priority basis.
- 6. Certified that the bidder is:
 - a) A sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of the sole proprietor,

OR

b) A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

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c) A company and the person signing the document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariable be duly attested by the person authorized to sign the bid document).

7. We do hereby undertake that, until a formal notification of award, this bid, together with your writtenacceptance thereof shall constitute a binding contract between us.
Yours faithfully,
(Signature of bidder)
Dated this day of
Address
Telephone:
FAX
E-mail
Seal of Bidder Organization
and the same of garden and the same of

(6) Tender Form (Priced Bid) Part B

To The
Ref: Tender No, Dated
Sir, Having examined the bidding documents and having submitted the techno Financial un-priced bid for the same, we the undersigned, hereby submit the priced bid for supply of goods and services as per the schedule of requirement and in conformity with the said bidding documents.
We hereby offer to supply the Goods/Services at the prices and rates mentioned in the enclosed schedule of price.
We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the schedule of requirement and that we shall perform all the incidental services.
The prices quoted are inclusive of all charges net DDP NDRI, Karnal-132001. We enclose herewith the completeFinancial Bid as required by you. This includes: i. Price Schedule as per schedule of requirement. ii. Statement of deviations from financial terms and conditions. We agree to abide by our offer for a period of 180 days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.
We have carefully read and understood the terms and conditions of the bid document and we do hereby undertak to supply as per these terms and conditions. The Financial Deviations are only those mentioned in the statement of deviations from financial terms and conditions.
Certified that the bidder is: A sole proprietorship firm and the person signing the bid document is the sole proprietor/ constituted attorney of sole proprietor, Or
A partnership firm, and the person signing the bid document is a partner of the firm and he has authority torefer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney, Or
A company and the person signing the bid document is the constituted attorney. (NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid document.) We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.
Dated this day of Details of enclosures

Signature of Bidder Full Address: Fax No. E-mail:

Seal of Bidder Organization

PRICE SCHEDULE FORM FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder	
TENDER No	

Note:	
Total Bid price in foreign currency in words	
Signature of Bidder	
Name	
Business Address	

													:	Annex	ure-B	
A. PRIC	E SCHEDULE FO	OR DOM	IESTIC GO	ODS												
1	2		3	4		5 Price per unit (Rs.)		6 Total	Г	7 Delivery Char	rges (Rs.))		8		9
Schedule No.	Name of Goods	Part Item Sl. No.	Name of Part- Item	unit & quantity	Ex-factory/ ex- warehouse/ ex-show room off-the shelf	GST/Other statutory levies payable, if any	Overall Basic unit price (Col. a+b)	Item price	Packing and Insurance, forwardi Other dutie and taxes, i any (other than sales tax) and incidental costs		Incident Tot al al ses services Inla if (includi nd ng Tra n supervis ns- ion) por tion		including GST afte completion of warranty period		Γ after of riod	Total Bid Price (Col. 6+7+8) (Rs.)
					(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	1st year	2nd year	3rd year	
1.		1. 2. 3. 4.														
GRAND	TOTAL (Schedul					1										<u></u>

Total bid price (for Indian components) in Indian Currency*: (in figures):	(in words)
	Signature of bidder: Name: Business address:

Place: Date:

(7) FORMAT OF PERFORMANCE BANK GUARANTEE

This guarantee should be furnished by a Nationalized Bank / Scheduled Bank, authorized by RBI to issue a Bank Guarantee.

This bank guarantee should be furnished on stamp paper of Rs. 100/-

......Only)

The stamp paper should have been purchased in the Name of the Bank executing the Guarantee.

In the case of foreign bidder, the B.G may be furnished by an international reputed bank acceptable to the PURCHASER countersigned by any Nationalized / Scheduled Bank in India authorized by Reserve Bank of India.

WHEREASM/s, having it's registered office at
hereinafter called the Distributor in India for
Only). We Bank, (Rein after referred to as -the Bank) at the request of supplier do hereby undertake to pay to the NDRI, karnal an amount on exceeding to Rs
2. We Bank do hereby undertake to pay ICAR-NDRI, the amounts due and payable under this guarantee without any demur, merely on a demand from NDRI stating that the amount claimed is required to meet the recoveries due or likely to be due from the said supplier. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under the guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding to Rs(Rupees
3. We undertake to pay to the NDRI, Karnal any money so demanded notwithstanding any dispute or disputes raised by the supplier in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid and discharge of our liability for payment there under and the Supplier shall have no claim against us for making such payment.
4. We the Bank further agree that the guarantee herein contained shall remain in full force and affect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the ICAR-NDRI under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till Registrar on behalf of the NDRI certified that the terms and conditions of the said Agreement have been fully and properly carried out by the said
5. We, the
6. This guarantee will not be discharged due to change in the constitution of the bank or the supplier.
7. We, theBank lastly undertakes not to revoke this guarantee except with the previous consent of the NDRI, Karnal in writing.
8. This guarantee shall be valid up to
Notwithstanding anything contained herein 1. Our liability under this bank guarantee shall not exceed Rs/-(Rupees

2. Bank guarantee snail be valid up to
3. We are liable to pay the guaranteed amount or part thereof under this bank guarantee only and only if you serv upon us a written claim or demand on or before

Signature & Seal of the Bank

Note: The above format contains specific clauses and expressions. The seclauses and expressions can vary depending upon the nature / type of agreement and situation. Basic aspect to be kept in mind is that interest of NDRI, KARNAL is fully protected.

Dated:

(8) FORMAT FOR MANUFACTURER"S AUTHORIZATION LETTER TO AGENT

(On letter head)

Ref. No. To	Date:
Director	
NDRI, Karnall (Haryana)	
Sub.: Tender for Supply & Installation of Confocal Mic	roscope
Dear Sir,	
We,, who are established and i	reputed manufacturers of, having
factory at,	hereby authorize
M/s	(name & address of Indian der with you for the goods manufactured by us.
	t negotiated by M/s, jointly
and severely.	
	nded in the DDP price is payable to M/s xtend our full guarantee and warranty as per the terms and
conditions of tender for the goods offered for supply aga	
1	, and the state of
2	
(Specify in detail manufacturer's responsibilities)	
The services to be rendered by M/s.	are as under:
1)	
2)	
(Specify the services to be rendered by the distributor / a	gent)
In case duties of the Indian agent/distributor are change	d or agent/ distributor is changed it shall be obligatory on us
	to the new Indian Agent failing which we will ipso-factor
become liable for all acts of commission or omission on	
Yours faithfully,	1 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
[Name & Signatural for and on babalf of M/s	[Nama of manufacturar]

(9) <u>DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING PART IN TENDER.</u>

I / We	Manufacture / Partner(s)/ Authorized Distributor /agent of M/S.
	hereby declare that the firm/company namely M/s.
	om taking part in Government tenders in India.
Or	
<u></u>	Manufacture / Partner(s)/ Authorized Distributor / agent of M/s.
	was blacklisted or debarred by Union / State Government or
	part in Government tenders for a period ofyears w.e.f.
	The period is over on and now the firm/company is
entitled to take part in Govern	ment tenders.
In case the a	above information found false I / we are fully aware that the tender / contract will be
rejected / cancelled by the Cer	ntral Institute of Rajasthan, and EMD / SD shall be forfeited.
In addition	to the above, ICAR-NDRI, Karnal will not be responsible to pay the bills for any
completed / partially complete	• • • • • • • • • • • • • • • • • • • •
completed / partially complete	u work.
Signature with Seal	
Nama	
Name	
Address	
Attested:	
	aintents)
(Public Notary / Executive Ma	gisirate)

(10) CERTIFICATE OF GUARANTEE/WARRANTY

I/We certify that the guarantee/warranty shall be for a period of 24 months starting from the date of satisfactory installation, commissioning and handing over of the equipment and of the works conducted therewith covered under the Supply order in working order. During the guarantee/warranty period, I/we shall provide free -after sale servicel and the replacement of any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee / warranty shall begin only from the date of satisfactory and faultless functioning of the equipment for 30 days at premises. The benefit of change in dates of the guarantee / warranty period shall be in the interest of the user/your organization.

During the warranty period, we shall provide at least 02 preventive maintenance visits per year.

Uptime Guarantee: During the guarantee/warranty period, we will be responsible to maintain the equipmentin good working conditions for a period 347 days (i.e. 95% uptime) in a block of 365 days.

- All complaints will be attended by us within 2 working days of receipt of the complaint in our office.
- In case there is delay of more than 2 days in attending to a complaint from our side then you can count the number of days in excess of the permissible response time in the downtime. The above said response time of 2 days for attending to a complaint by us will not be counted in the downtime.
- Penalty: We shall pay a penalty equivalent to 0.50% of the **DDP** value of the equipment for every week orpart thereof delay in rectifying the defect.

Note: The right to accept the reason(s) for delay and consider reduction or waive off the penalty for the same shall be at the sole discretion of Institute.

We certify that the equipment being/quoted is the latest model and that spares for the equipment will be available for a period of at least 10 years and we also guarantee that we will keep the organization informed of any update of the equipment over a period of 10 years.

We guarantee that in case we fail to carry out the maintenance within the stipulated period, Institute reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informingus. All the expenses including excess payment for repairs/maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of Performance Bank Guarantee, the same shall be recoverable from us with/without interest in accordance with the circumstances.

We shall try to repair the equipment at Institute premises itself. However, the equipment will be taken to our site on our own expenses in case it is not possible to repair the same at Institute premises. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the Institute after repair. Any loss of equipment or its accessories under its charge on account of theft, fire or any other reasons shall be at our sole risk and responsibility which will be compensated to Institute for such losses.

We undertake to perform calibration after every major repair/breakdown/taking the equipment for repair out of Institute premises.

In case of extended guarantee/Warranty, we undertake to carry out annual calibration of the equipment.

We guarantee that we will supply spare parts if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

We guarantee to the effect that before going out of production of spare parts, we will give adequate advance notice to you so that you may undertake to procure the balance of the life time requirements of spare parts.

We guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.

Signature of Bidder

(Name)

Seal of Bidder Organization

(11) Technical specifications compliance Sheet

- 1. The technical compliance bid must be in this sheet only, otherwise is should be assumed that bidder is not able to offer technically desired product. Information provided elsewhere or in different form will not be considered.
- 2. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.
- 3. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

Name of Equipment / Instrument:

Compliance Check list/ Table

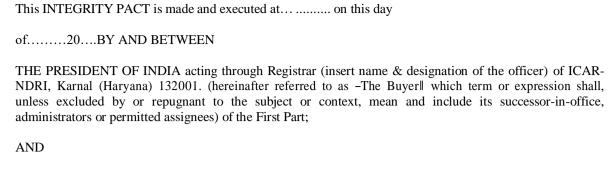
S. No.	Technical specification	Features available in equipment write (yes/No)	Any deviation from specification	Corresponding page no. and S. No./ Para no. of datasheet catalogue/ brochure in support of specification (As provided with technical Bid)
	Technical			
	Specification as per Tender document			
1				
2				
3				
4				
5				
6				
7				

12. Check list for Terms and Conditions:

To be filled by the bidder and submitted along with the Technical Bid.

S. No.	Technical Information	Page No.	Remarks
1.	EMD		
2.	Company/ Firm registration details		
3.	Authorization Certificate		
4.	Average Annual turnover of the bidder, for the last three successive years should be Rs.5.00 Crores certified by the Chartered Accountants.		
5.	Experience		
6.	Income tax return (Last Three Years)		
7.	Audited balance sheet (Last Three Years)		
8.	Original Technical Catalogue of the quoted model and same shouldbe available on the website		
9.	Compliance Statement with relation to the technical specification as mentioned in the bidding document duly supported by the original catalogue.		
10.	Self-declaration for not black listed		
11.	Clientele list (list of users) of quoted model of the items, attachcouple of orders without any alteration/modification		
12.	Performance certificate of the same supplied machine(of		
	quoted make and Model) from clients		
13.	Warranty & extended technical support certificate		
14.	Acceptance of all terms / conditions towards after sales / services as mentioned in the bidding document.		
15.	Certificate, to the effect that the bidder is not supplying the quoted item(s) to any other Govt. / Pvt. Organizations / Institutions at therate lower than the rate quoted against this tender.		
16.	Certificate for 'Class-I local supplier' / 'Class-II local supplier' / Non-local supplier		
17.	Certificate for verification of local content		
18.	Integrity Pact		

(13) INTEGRITY PACT



PREAMBLE

The Buyer intends to award under laid down organizational procedures, contract/sfor The Buyer values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and / or Contractor(s).

In order to achieve these goals, the Buyer will appoint Independent External Monitors (IEMs) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Buyer

- (1.) The Buyer commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a. No employee of the Buyer, personally or through family members, will in connection with tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Buyer will during the tender process treat all Bidder(s) with equity and reason. The Buyer will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential /additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The Buyer will exclude from the process all known prejudiced persons.
- (2.) If the Buyer obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Buyer will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/Contractor(s)

- (1.) The Bidder(s)/Contractor(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s)/Contractor(s) commit themselves to observe the following principles during participation in the tender process and during the contract execution.
 - a. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer promise or give to any of the Buyer's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
 - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to the others, any information or document provided by the Buyer as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign Buyer, if any. Further details as mentioned in the -Guidelines on Indian Agents of Foreign Suppliers shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/ representative have to be in Indian Rupees only. Copy of the -Guidelines on Indian Agents of Foreign Suppliers is placed at (page no. 6).
 - e. The Bidder(s) / Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intend to make to agents, brokers or any other intermediaries in the connection with the award of the contract.
 - f. Bidder(s) /Contractor(s) who have signed the integrity pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision in the matter.
- (2.) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

Signature & Seal of Bidder Name Address

<u>End of Tender Document</u>