



Foundation for Innovation and Technology Transfer
IIT Delhi



Corrigendum to RFP No. RFP/BioNEST/Equip/23/01, Purchase of
equipment for BioNEST Laboratory at R&I Park, IIT Delhi, Hauz Khas,
Delhi - 110016.

RFP Ref. No. - RFP/BioNEST/Equip/23/01 Dated: - 19th September 2023

With reference to the RFP No. **RFP/BioNEST/Equip/23/01** Dated: - **19th September 2023**,
Published on our website <https://fitt-iitd.in>. and response to queries from the bidders, the
following amendments to the RFP document are made with immediate effect. Responses to
bid queries are uploaded on FITT's website separately.

1. Page No. 3, Chapter 1. Introduction

- **Last date of Bid Submission:** 10th October 2023

2. Page No. 4, Chapter 2. Instruction to Bidder

G. Warranty and Support (applicable for all Equipment)

- 3-year comprehensive warranty (including spare parts etc.) plus 3 years Annual Maintenance Contract (AMC). A total of 6 years (3 years comprehensive + 3 years AMC).

3. Page No. 11, Chapter 3. Evaluation and comparison of bids

D. Clearance and delivery.

On arrival of shipment/consignment, **it is desired** that the supplier (or their Indian agent) makes the arrangement for customs clearance and transportation of the consignment up to FITT, IIT Delhi premises. In that case, the Tenderer/ bidder will do all types of clearance work and formalities to deliver/provide the equipment at the site of installation. **Expenses will be reimbursed based on actual expenditures, with the condition that they do not surpass the predetermined quoted amount.** FITT, IIT Delhi will provide all types of documentary support, including a Customs Duty exemption certificate. The custom duty, demurrage (in case of delay in the release of custom duty to the customs department by FITT, IIT Delhi) and government taxes/levies (if any) will be paid extra by the buyer after as per the term of payment. Please note that if your consignment is supplied from a different state, the State of

Delhi may charge entry tax on all goods entering the State. This may be included in your quotation as a separate item. Entry Tax will be reimbursed on production of proof of payment. **Principals will themselves have to procure any requisite permission from the Govt. of the country of origin of equipment.**

4. Page No. 12, Chapter 4. Terms and conditions, A. Terms of Payment

II. Payment for Goods and services offered from abroad:

a. On Shipment:

Ninety (90) percent of the Contract Price of the Goods shipped shall be paid through an irrevocable letter of credit (L/C) opened in favour of the Supplier in a bank in its country upon submission of the following documents specified as below:

Within 24 hours of dispatch, the supplier shall notify the purchaser of the complete details of dispatch and also supply the following documents by Registered Post/ courier and copies thereof by FAX.

- i. Two copies of the supplier's Invoice giving full details of the goods including quantity, value, etc.
- ii. Packing list.
- iii. Certificate of country of origin.
- iv. Manufacturer's guarantee and Inspection certificate/test report.
- v. Inspection certificate issued by the Purchaser's Inspector, if any.
- vi. Insurance Certificate, if required under the contract.
- vii. Name of the Vessel/Carrier.
- viii. Bill of Lading/Airway Bill.
- ix. Port of Loading.
- x. Date of Shipment.
- xi. Port of Discharge & expected date of arrival of goods and
- xii. H S code of classification of goods.
- xiii. Any other document(s) as and when required in terms of the contract.

Note:

- The nomenclature used for the item description in the invoices(s), packing list(s), delivery note(s) etc., should be identical to that used in the contract. The dispatch particulars, including the name of the transporter, should also be mentioned in the Invoice(s)

- The above documents should be received by the Purchaser before arrival of the Goods and if not received, the Supplier will be responsible for any consequent expenses.

b. On Acceptance

Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods and successful installation & commissioning upon submission of claim supported by the acceptance certificate issued by the Purchaser along with the Performance security, if any. The L/C will be confirmed at the supplier's cost if requested specifically by the supplier. If L/C is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the suppliers' account. All bank charges in India to the account of the opener and all bank charges outside India to the account of the beneficiary. Payment of the local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of the claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The L/C for 100% value of the contract shall be established after deducting the agency commission payable, if any to the Indian agent from the CIF/CIP value.

5. Page No. 20, Chapter 5. Scope of work.

2. Training Requirements:

The vendor is responsible for providing the following without additional charges:

- Application Training for all the equipment by a trained person. Three (3) annual training of a minimum of 15 days each.
- Detailed training and SOP for the instrument should be provided at the time of installation and demo.

6. Page No. 21, Chapter 5. Scope of work.

3. Equipment Specifications:

B. Name of the product: Gas Chromatography-Mas Spectroscopy (Preferred makes: Shimadzu/Thermofisher/Agilent)

Name of Vendor:

Product Make and Model No.:

No.	Specification	Description	Compliance by the vendor (Yes or No)
2.	Mass Analyzer Type	<p>Metallic quadrupole with a pre-rod - Mass Range: 10 – 1050 u or better Max Collision Energy: 60 eV - Off-Axis Ion Optics for lower detection limits - High-speed MRM analysis up to 800 transitions per second.</p> <p>MRM sensitivity and MRM IDL sensitivity:</p> <ul style="list-style-type: none"> • MRM Sensitivity: S/N 18000 for 100 fg (OFN) or better (sensitivity specifications have to be demonstrated at the site) • MRM IDL sensitivity: IDL \leq 4 fg or less (helium gas) for the concentration of 10 fg (or equivalent) Octafluoronaphthalene (OFN) for 8 sequential injections in 30m capillary column. • Vacuum system: Dual-stage turbomolecular pump with 360L/s capacity for He 	
7.	Gas Purification Panel for high-purity carrier gases (helium or nitrogen)	Gas Purification Panel for required Gas, Regulator and Gas Cylinder – 1 Nos. each.	
9.	Compatible Online UPS included for uninterrupted power supply during analytical runs.	10 KVA online UPS with 60-minute backup. 3-year Warranty on UPS. The battery should be covered for 1 year.	
11.	Computer System	Supplied with an all-in-one system for software-based operations and data analysis. (intel i5 12th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inch or more monitor) with 3 Years of warranty (On the System)	

E. Name of the Product: Inverted Microscope/Cell Imager (Preferred make:**Nikon/Olympus/Thermofisher)****Name of Vendor:****Product Make and Model No.:**

No.	Specification	Description	Compliance by the vendor (Yes or No)
10.	Onstage Incubator (Upgradable)	The microscope should be compatible with an onstage incubator for precise control of environmental conditions for biological studies.	
17.	Computer Configuration (Inbuilt with microscope or Separate)	The Microscope should Either have an inbuilt computer system (4 GB or more RAM, 10 GB or more SSD, 18.5"inch or more monitor) or be Supplied with a separate Computer system (All-in-one system with intel i5 12th gen or higher, 16 GB or more RAM 512 GB SSD, 21 inches or more monitor)	
18.	Accessories: Should be supplied with System	<ul style="list-style-type: none">• List of available vessel holders (Well Plates, Dishes, Flasks, and Slides),• 02 independent high-output LED illuminators with intensity control (Upgradable),• 32 GB or more USB Drive/Pen Drive,• 5-position objective turret with Plan Flourite/ Flourite 10x, 20x, 40x, 100x objectives.	

H. Name of the Product: FPLC (Preferred make: Cytiva/ BioRad)**Name of Vendor:****Product Make and Model No.:**

No.	Specification	Description	Compliance by the vendor (Yes or No)
3.	Flow Rate Adjustment	Automatically adjusts flow rate when operating in a cold cabinet. OR Adjusts flow rate based on operational pressure to protect column	
5.	Pump Type	High-performance positive displacement piston/binary piston pump/ reciprocating piston	

		pump with hydrophobic coating OR made with inert material.	
9.	Sample Injection	Provision to insert protein sample into the column bypassing the mixer. OR Provision for automatic injection of sample from loop to column through inject valve.	
11.	Outlet Ports	2 or more outlet ports	
12.	Fractional Collector	Supplied with a fraction collector capable of attaching 8-, 15-, and 50-mL falcon tubes without spillage. OR equipped with spillage sensor.	
14.	Simultaneous detection wavelengths	Capable of detecting at least 280 and 260 nm Simultaneously or more in the range of 190-700 nm or higher.	
15.	UV Detector Range	UV detector should read values preferably between -3 to +3 AU OR 0 to +2.8 AU is also acceptable.	
16.	UV Lamp	UV lamp should not heat the protein sample, Have minimal to no warm-up time and a total operating life of 2000 hours or more.	
18.	Accessories	Supplied with all necessary accessories including an Appropriate cold cabinet capable of holding the FPLC system, tubing, connectors, and ferrules for smooth system operation, 2 Nos. Blank 25 ml columns, 25 ml resin each of IMAC Nickle, Gel exclusion, cation anion exchange.	
23.	Computer System	Supplied with an all-in-one system for software-based operations and data analysis. (Intel i5 12 th gen or higher, 8 GB or more RAM 512 GB SSD, 21 inch or more monitor)	

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