

**RFQ No. SAMS/FIND/Proc./LT/15/2019**

**Dated: 10/12/2019**

## **Request for Quotation (RFQ) for Procurement of Equipment under FIND Project**

1. Strategic Alliance Management Services Pvt. Ltd. (SAMS) has been engaged by “Foundation for Innovative New Diagnostics” (FIND), New Delhi (a not-for-profit Company created under Section 8 (Indian) Companies Act, 2013) for providing procurement consultancy services for equipment, goods, works and services for TB Laboratories established across India under Revised National Tuberculosis Programme (RNTCP), Ministry of Health and Family Welfare, Govt. of India.
2. The SAMS hereby request you to submit your Quotation for the following items. The detailed technical specifications are given in **Annexure-I**.

Schedule No.	Particulars of items	Quantity (Nos.)
1	Vortex Mixer	15
2	Refrigerated Centrifuge with plate spin rotor	5
3	Small Bench-top mini centrifuge for PCR workstation	6
4	PCR Workstation	6
5	Multichannel Pipette Set (2-20ul and 20-200ul)	6
6	Mini Cooler (4°C)	18

3. The bidder is expected to examine all instructions, forms, terms and specifications in this RFQ documents. Failure to furnish all information required by the RFQ documents or submission of a quotation not substantially responsive to the RFQ document will be at the bidder’s risk and may result in the rejection of its quotation.
4. The bidder shall prepare one original quotation typed or written in indelible ink and shall be signed by the bidder’s signatory duly authorized to bind the bidder to the contract. All pages of the bid, except for printed literature, shall be initialed by the person signing the quotation.
5. A bidder may submit its quotation **for any one or all or any combination of Schedules** as above.
6. The following should be submitted along with quotation in single cover duly sealed and super-scribed with **“RFQ No. SAMS/FIND/Proc./LT/15/2019”**.
  - a) Forwarding letter clearly mentioning the name of authorized signatory, the make & model quoted, quotation validity of quotations for 3 months after the due date for submission of quotation;
  - b) Manufacturer’s Authorization Certificate / letter to quote, supply and provide after sale services for the quoted equipment on behalf of Manufacturer (in case quotation is being submitted by non-manufacturer);
  - c) Copy of the firm’s incorporation / registration certificate issued by an appropriate authority;
  - d) Copy of GST registration should also be submitted;
  - e) Technical compliance statement of quoted item against required specifications of RFQ, as per format enclosed under technical specifications at Annexure-I;
  - f) Technical Catalogue / brochure of item quoted as per proposed specifications;
  - g) Copies of Purchase Order(s) issued to your firm, showing experience of the supply of **at least 3 Nos.** of similar items included in this RFQ over the period of last three years as on due date for submission of quotation;
7. The quotation shall contain no interlineations erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initiated by the person or persons signing the bid.

8. Each bidder is entitled to submit only one quotation.
9. The bidder may modify or withdraw its quotation after submission provided that written notice of the modification or withdrawal is received by the purchaser prior to the deadline prescribed for submission of quotations.
10. **Delivery and Completion schedule:** Delivery to Consignees within 45 days from the date of issue of the Purchase Order at the Consignee addresses given in **Annexure-II**.
11. **Terms of Delivery:** DDP final destination as per Consignee Distribution List in **Annexure-II**.
12. **Bid Prices**
  - a. The bidder shall indicate on the Price Bid Form attached to these, the unit prices and total price of goods it proposes to supply under this RFQ. Price should be quoted only in INR and in the format attached in **Annexure III**.
  - b. Price bids of the technically responsive bidders shall be evaluated on the basis of total quoted price for equipment given in each Schedule separately.
13. **Period of validity of quotations:** Quotations shall remain valid for 3 months after the due date for submission of quotations prescribed by the purchaser. Quotation valid for a shorter period shall be rejected by the purchaser as non-responsive.
14. **Technical demonstration of Equipment offered:**
  - i) Prior to issue of purchase order, the lowest evaluated substantially responsive Bidder may be requested to organize demonstration/ sample evaluation of the goods, for inspection of quality and its efficient operation and demonstration of performance parameters before Purchaser or its authorized team. In case, the goods does not perform satisfactorily and does not pass quality / performance test, the quotation would be deemed to be non-responsive and Purchaser reserves the right to move to next lowest evaluated responsive bidder for such a technical demonstration of goods.
  - ii) the bidder shall arrange for demonstration of offered goods at desired location intimated later by Purchaser, at own cost, either directly or through authorized Dealer /Distributors, as the case may be, for verification by the Purchaser, whether the goods offered meets the accuracy and other quality parameters as indicated in Technical Specifications. The bidder should be prepared to do so by keeping one sample unit of the quoted goods ready at its disposal.
15. **Criteria for Issue of Purchase Order:** The bidder whose quotation has been determined to be substantially responsive and determined as the lowest evaluated quotation (for each of the Schedule separately) shall be considered to issue Purchase Order.
16. **Purchaser's right to accept any bid/tender and to reject any or all bids:** The purchaser reserves the right to accept or reject any quotation and to annul the RFQ process and reject any or all bids at any time prior to issue of purchase order, without thereby incurring any liability to the affected bidder or bidders.
17. **Payments Terms:** The method and conditions of payment to be made to the Supplier shall be as follows:
  - On Delivery to Consignee: Hundred (100) percent** of the Contract Price of the Goods delivered to the Consignee shall be paid within 30 days of submission of following documents :-
    - a. Commercial invoice, **indicating the SAMS as the Purchaser on behalf of the FIND**, the PO number; Goods description, quantity, unit price, and total amount. Invoices must be signed in original and stamped or sealed with the company stamp/seal;
    - b. Original/ copy of Consignee Receipt Certificate (CRC) issued by the authorized representative of the consignee;
    - c. Manufacturer's/Supplier's Warranty Certificate

18. **Liquidated damages:** If the supplier fails to deliver any or all of the goods or perform the services within the time period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5 percent of the delivered price of the delayed goods unperformed services for each week of delay on pro-rata basis until actual delivery or performance up to a maximum deduction of 10% (ten) percent of the delayed goods or services contract price.
19. Quotation should be addressed and submitted to the “**STRATEGIC ALLIANCE MANAGEMENT SERVICES PVT. LTD. (SAMS), B01-B03, Vardhman Diamond Plaza, Community Centre, D. B. Gupta Road, Paharganj, New Delhi – 110055, INDIA**” and should reach this office **on or before 24/12/2019 till 04.00 PM.**
20. Any quotation received after the deadline for submission of quotations prescribed will be rejected and/or returned unopened to the bidder.

**For Strategic Alliance Management Services Pvt. Ltd.**



**(Bibhuti Kumar Singh)  
Asstt. Manager (SCM)**

**Annexures:**

- i. Technical Specifications
- ii. Consignee wise Distribution
- iii. Price Bid Form

## Technical Specifications

### A. General Requirements

1. **Pre-requisite for equipment installation:** The pre-requisites for installation of equipment should be clearly defined in the technical proposal by bidder and the cost for pre-requisite for installation should be borne by bidder. Before proceeding for installation, bidder to confirm that pre-requisite for installation are completed on site
2. **Installation of Equipment:** Selected/Awarded bidder has to install the delivered equipment by certified or qualified personnel. Bidder to perform IQ, OQ and PQ for equipment as per Manufacturer Protocols. Bidder to provide user training to end user during installation.
3. **Service/Maintenance:** The supplier shall have a functioning after-sale-service in India covering the whole country, including adequate infrastructure, competent and adequately staffed technical personnel with adequately provisioned spare part store allowing responding to any complaints and to repair within 7 days /replace the unit within 14 days of receipt of complaint.
4. **Comprehensive Warranty Period & Maintenance Services:**

<b>Equipment Name</b>	<b>Vortex Mixer</b>
<b>Comprehensive Warranty Period</b>	1 years, Warranty period starts from successful installation at site
<b>Services under Comprehensive Warranty</b>	It includes following during warranty: <ul style="list-style-type: none"> <li>• Breakdown calls to be attended as and when required</li> <li>• Preventive Maintenance to be carried out annually</li> </ul> It also includes replacements of part, consumables etc. during the warranty period

<b>Equipment Name</b>	<b>Refrigerated centrifuge with plate spin rotor</b>
<b>Comprehensive Warranty Period</b>	5 years, Warranty period starts from installation and successful calibration of equipment at site.
<b>Services under Comprehensive Warranty</b>	During Comprehensive Maintenance Services, in addition to replacements of part, consumables etc. the following shall be : <ul style="list-style-type: none"> <li>• Breakdown calls to be attended as and when required</li> <li>• Preventive Maintenance to be carried out on six monthly basis.</li> <li>• Calibration to be carried out on six monthly basis during warranty Period for parameters ( Speed, Temperature &amp; Time with traceable ) and in case of any major repair/replacement of spare part.</li> </ul>

<b>Equipment Name</b>	<b>Bench Top Mini Centrifuge</b>
<b>Comprehensive Warranty Period</b>	3 years, Warranty period starts from installation and successful calibration of equipment at site.
<b>Services under Comprehensive Warranty</b>	Besides activities mentioned in Comprehensive Maintenance Services it includes replacements of part, consumables etc. during the warranty period
<b>Comprehensive Maintenance Services</b>	It includes following: <ul style="list-style-type: none"> <li>• Breakdown calls to be attended as and when required</li> <li>• Preventive Maintenance to be carried out on six monthly basis.</li> <li>• Calibration to be carried out on six monthly basis during warranty &amp; CMC Period for parameters ( Speed, Temperature &amp; Time with traceable)and in case of any major repair/replacement of spare part.</li> </ul>

<b>Equipment Name</b>	<b>PCR Workstation</b>
<b>Comprehensive Warranty Period</b>	5 years, Warranty period starts from successful installation at site
<b>Services under Comprehensive Warranty</b>	It includes following during warranty: <ul style="list-style-type: none"> <li>• Breakdown calls to be attended as and when required</li> <li>• Preventive Maintenance to be carried out annually</li> </ul> It also includes replacements of part, consumables etc. during the warranty period

<b>Equipment Name</b>	<b>Multichannel Pipette Set (2-20 µl and 20-200 µl</b>
<b>Comprehensive Warranty Period</b>	2 years, Warranty period starts from installation and successful calibration of equipment at site.
<b>Services under Comprehensive Warranty</b>	It includes following during warranty: <ul style="list-style-type: none"> <li>• Breakdown calls to be attended as and when required</li> <li>• Preventive Maintenance to be carried out on six monthly basis.</li> <li>• Calibration to be to be carried out on six monthly basis during the warranty period and in case of any major repair/replacement of spare part for parameters (accuracy &amp; standard deviation for the dispensing volume with traceable). It also includes replacements of part, consumables etc.</li> </ul>

<b>Equipment Name</b>	<b>Mini Cooler (4°C)</b>
<b>Comprehensive Warranty Period</b>	1 years, Warranty period starts from successful installation at site
<b>Services under Comprehensive Warranty</b>	It includes following during warranty: <ul style="list-style-type: none"> <li>• Breakdown calls to be attended as and when required</li> <li>• Preventive Maintenance to be carried out annually</li> </ul> It also includes replacements of part, consumables etc. during the warranty period

- 5. Equipment Manual:** Installation, Operator, Maintenance/Service manuals in English should be provided with each equipment.
- 6. Factory Calibrated Certificate:** Equipment must be supplied with valid calibration certificate stating that the equipment has been calibrated at factory.

**7. Packing data**

Packing data are not necessarily part of the bidding process but are needed for shipment and for customs declarations.

Net weight.

Gross weight.

Dimensions (W × H × D) in cm.

Appliances must be transported upright (Y/N).

Customer's tariff number.

8. The design and workmanship of equipment offered, including power supply, has to be suited to operate properly and continuously under the climatic conditions in India, especially humidity (e.g. <90% at 35°C), permissible ambient temperature (e.g. +5°C to +45° C), protection against fungi, and possible spikes in the electric network.
9. ISO 9001: The manufacturer must have Manufacturer System Certified to ISO 9001.
10. Safety standards: The equipment must comply with ISI certification as per BIS Standards or any equivalent international safety standards such as IEC- 61010 and IEC-60601 etc.

## Technical Specifications

### B. Specific Requirements

#### Schedule No. 1

#### NAME OF EQUIPMENT: Vortex Mixer

Sr. No.	Technical Specifications
1	A small vortex mixer to be used for brief mixing.
2	Adjustable speed: 100 to 3,000 rpm. Continuous and intermittent "touch-control" modes " It may have compliance with national/international guidelines.
3	Warranty - at least 1 years
4	Cup heads size: 25 mm dia. x 22 mm deep for mixing contents in 1.5-2 mL tubes, McCartney bottles and 15-50 mL tubes
5	Heavy cast-metal base and suction cup to assure stability, prevent "walking", Disinfectable
6	220-230 Volts, AC, 50HZ; The line cord / Power cord supplied with the equipment shall be of acceptable durability, length, and current carrying capacity complying with Indian Standards.

#### Schedule No. 2

#### NAME OF EQUIPMENT: Refrigerated centrifuge with plate spin rotor

Sr. No	Technical Specifications
1	Refrigerated centrifuge with swing-out rotor (for 50 ml Greiner tubes) and with plate rotor. Specifications same as above, however rotor with PCR plate holders is required to spin PCR plates
2	Plate rotor options for centrifugation of all types of MTP, PCR or Deepwell Plates
3	Temperature range from -11 °C to 40 °C
4	Automatic rotor recognition and imbalance detection for maximum operational safety
5	<p>Its main swing-bucket rotor should held both conical tubes and plates – no need to change rotor buckets or adapters for PCR plate holder</p> <p>It is to clarify that the same rotor has 4 different holders that can hold either 4 bucket cups with lid for 50ml tubes and/or plate holders. Please note that refrigerated centrifuge with closed buckets are required for 50ml tubes that can be placed in the same rotor whenever required. Please note that we need buckets with lids to spin 50ml tubes</p>

### Schedule No. 3

#### NAME OF EQUIPMENT: Small Bench-top mini centrifuge for PCR workstation

Sl. No.	Technical Specifications
1	Small compact size benchtop centrifuge with limited power, generally use to perform quick spin downs and other activities related to sample preparation
2	Dimensions - WxDxH: 155x140x115mm
3	Safety feature: Stops when lid is open
4	Rotors & adapters included - 6 x 2mL/ 1.5 mL circular roter, 16 x 0.2mL rotor (singles or 2 x 8 strip); 0.5mL tube adapters (set of 6); 0.2mL tube adapters (set of 6)
5	Max RCF -2,000 xg (not adjustable); Max Speed - 6,300 xg (non adjustable)
6	220-230 Volts, AC, 50HZ; The line cord / Power cord supplied with the equipment shall be of acceptable durability, length, and current carrying capacity complying with Indian Standards.

### Schedule No. 4

#### NAME OF EQUIPMENT: PCR workstation

Sl. No.	Technical Specifications
1	Exterior dimensions (H x W x D): approximately 700 mm x 750 mm x 600 mm
2	Interior working area (W x D): approximately 700 mm x 500 mm
3	Exterior: stainless steel or powder-coated metal
4	Interior: stable formed stainless steel
5	Side panels transparent, able to absorb wavelengths below 400 nm
6	Overhead UV light for DNA decontamination; two lamps, 25 W each
7	Separate, switchable, UV air-sterilizing circulation unit; UV lamp (25 W)
8	Timer and key lock for UV lamp; timer operates only when key lock is on
9	Overhead white light; 15 W; at least 800 lux
10	Manufacturer's certificate: The manufacturer must have a management system certified to ISO 9001 and a type-test certificate of relevant optical & Mechanical tests.
11	At least two plug outlets built into the chamber; AC 230 ± 10 V; 50 Hz; 5A fuse



## Schedule No. 5

### NAME OF EQUIPMENT: Multichannel pipette set: Range of (2-20 $\mu$ L) & (20-200 $\mu$ L)

Sl. No.	Technical Specifications
1	Manual Multichannel Pipettes - multichannel adjustable volume Pipetman, Feature – 8 channel pipette, easy and safe tip ejection mechanism, Fixation of adjusted volume
2	1. Volume range 2-20 $\mu$ l, 2-20 $\mu$ L per channel in 0.5 $\mu$ L increments, Volume – 20 $\mu$ L, Increment - 0.02 $\mu$ L, Accuracy - 3 to 1 percent; Precision - $\leq$ 2.0 % to $\leq$ 0.3 %
3	2. Volume range 20-200 $\mu$ l, 20-200 $\mu$ L per channel in 0.5 $\mu$ L increments, Volume – 200 $\mu$ L,
4	3. Volume range 30-300 $\mu$ l, 30-300 $\mu$ L per channel in 0.5 $\mu$ L increments, Volume – 300 $\mu$ L, precision - 0.2 to 0.3 percent, increment - 1 $\mu$ L. Accuracy -5.0% to 1.0 $\pm$
5	Compatible sterile filter Tips
6	Fully autoclavable; Withstands exposure to harsh chemical applications and resistant to UV light
7	4-digit display increases precision
8	Volume adjustment and locking easily achieved with one hand
9	Manufacturer's certificate: The manufacturer must have a management system certified to ISO
10	One certificate to state that the pipette has been calibrated at the factory.
11	Easy and safe tip ejection mechanism, Fixation of adjusted volume, Slim pipette shaft,

## Schedule No. 6

### NAME OF EQUIPMENT: Mini-cooler (4°C)

Sr. No	Technical Specifications
1	Mini cooler version for 96 well PCR plates (N=1), 0.5 mL tubes (N=1) and 1.5 / 2 mL tubes (N=1)
2	Plate holding capacity - minimum one 96 well PCR plate
3	Polycarbonate construction with rubber non-slip feet
4	Temperature-retention graph supplied with each of the 7 styles available
5	Gridded and keyed one-position lids for easy sample identification
6	0.5 mL tube adapters supplied as standard with the 0.5–2.0 mL tube size versions & 96 we PCR plate version

### Consignee-wise Distribution

Sch. No.	Description of Equipment	Consignee Location						Total
		Ahmedabad	JJ Mumbai	NTDB	NTI	NITRD	PGI Chandigarh	
1	Vortex Mixer	3	3	3	3	3	0	15
2	Refrigerated Centrifuge with plate spin rotor.	1	1	1	1	1	0	5
3	Small Bench-top mini centrifuge for PCR workstation	1	1	1	1	1	1	6
4	PCR Workstation	1	1	1	1	1	1	6
5	Multichannel Pipette Set: (2-20µl, 20-200µl)	1	1	1	1	1	1	6
6	Mini Cooler (4°C)	3	3	3	3	3	3	18

#### Consignee's Address:

Sl. No.	Name of the Site	Place / Floor (within consignee location) where equipment is to be delivered / installed
1	Ahmedabad	IRL-Ahmedabad: Floor - First floor Address: State TB Demonstration & Training Centre, Civil Hospital Campus, Asarva, Ahmedabad 380 016
2	JJ Mumbai	J.J. Mumbai: Floor - Second floor Address - Grant Medical College TB Section 2nd Floor, Skin & VD Building JJ Hospital Campus Byculla, Mumbai 400008
3	NTDB	NTDB, Delhi: Floor - Ground floor Address - New Delhi TB Centre, Near Delhi Gate. Jawaharlal Nehru Marg, New Delhi 110 002
4	NTI	NTI, Bangalore: Floor - First Floor Address - National Tuberculosis Institute; Ministry of health and Family Welfare; Directorate General of Health Services; Avalon 8, Bellary Road; Bangalore
5	NITRD	NITRD, Delhi: Floor - Ground floor Address - National Institute of TB & Respiratory Diseases; Sri Aurobindo Marg; Near Qutab Minar; New Delhi 110 030
6	PGI Chandigarh	PGIMER, Chandigarh: Floor - Second floor PGIMER; LPA Laboratory (Mycobacteriology 221); Department of Medical Microbiology; Second Floor; Research Block A,CHANDIGARH-160 012

**Price Bid Form**

[The Bidder shall fill in this Price Bid Form in accordance with the instructions given below]

SI. No.	PRICE BID (Price to be entered by Bidder)					
	DESCRIPTION	Total Quantity (Nos.) (a)	INR			
			UNIT PRICE (b)	TOTAL PRICE, (c) = (a) x (b)	GST (rate and amount) (d)	TOTAL PRICE, FINAL Place of Destination (e)=(c) + (d)
1						
2						