

**Government  
eProcurement  
System**

**eProcurement System Government of India**

**Tender Details**

Date : 01-Apr-2025 10:52 AM

Print

**Basic Details**

<b>Organisation Chain</b>	All India Institute of Medical Sciences-Mangalagiri-Andhra Pradesh  Procurement Cell - AIIMS Mangalagiri		
<b>Tender Reference Number</b>	AIIMS/MG/Proc/2024-25/VRDL lab setup		
<b>Tender ID</b>	2025_AIMSM_855165_1	<b>Withdrawal Allowed</b>	Yes
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	Turn-key
<b>Tender Category</b>	Services	<b>No. of Covers</b>	2
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Offline	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No

**Payment Instruments**

<b>Offline</b>	<b>S.No</b>	<b>Instrument Type</b>
	1	Demand Draft

**Cover Details, No. Of Covers - 2**

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Technical Bid
2	Finance	.xls	BOQ

**Tender Fee Details, [Total Fee in ₹ \* - 0.00]**

<b>Tender Fee in ₹</b>	0.00		
<b>Fee Payable To</b>	Nil	<b>Fee Payable At</b>	Nil
<b>Tender Fee Exemption Allowed</b>	No		


**EMD Fee Details**

<b>EMD Amount in ₹</b>	2,95,848	<b>EMD Exemption Allowed</b>	Yes
<b>EMD Fee Type</b>	fixed	<b>EMD Percentage</b>	NA
<b>EMD Payable To</b>	Payable To AIIMS Mangalagiri	<b>EMD Payable At</b>	Payable At Mangalagiri

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**Work /Item(s)**

<b>Title</b>	NOTICE INVITING TENDER FOR SETTING UP OF VRDL BSL2 PLUS LAB AND INSTRUMENTS ON TURNKEY BASIS FOR MICROBIOLOGY DEPARTMENT				
<b>Work Description</b>	NOTICE INVITING TENDER FOR SETTING UP OF VRDL BSL2 PLUS LAB AND INSTRUMENTS ON TURNKEY BASIS FOR MICROBIOLOGY DEPARTMENT				
<b>Pre Qualification Details</b>	As per tender document				
<b>Independent External Monitor/Remarks</b>	NA				
<b>Show Tender Value in Public Domain</b>	Yes				
<b>Tender Value in ₹</b>	1,47,92,426	<b>Product Category</b>	Miscellaneous Services	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work</b>	90

 <b>Government eProcurement System</b>				<b>(Days)</b>	
<b>Location</b>	AIIMS Mangalagiri	<b>Pincode</b>	522503	<b>Pre Bid Meeting Place</b>	Procurement cell
<b>Pre Bid Meeting Address</b>	Room no 2151, Procurement cell, AIIMS Mangalagiri	<b>Pre Bid Meeting Date</b>	08-Apr-2025 03:00 PM	<b>Bid Opening Place</b>	Procurement cell
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	01-Apr-2025 12:00 PM	<b>Bid Opening Date</b>	23-Apr-2025 12:00 PM
<b>Document Download / Sale Start Date</b>	01-Apr-2025 12:00 PM	<b>Document Download / Sale End Date</b>	22-Apr-2025 12:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	01-Apr-2025 12:00 PM	<b>Bid Submission End Date</b>	22-Apr-2025 12:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	NIT	823.94	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Document.pdf	Setting Up of VRDL BSL2 plus Lab And Instruments on Turnkey Basis for Microbiology Department	2091.80
	2	BOQ	BOQ_899082.xls	BOQ	286.50

**Bid Openers List**

<b>S.No</b>	<b>Bid Opener Login Id</b>	<b>Bid Opener Name</b>	<b>Certificate Name</b>
1.	montoshchakraborty@aiismangalagiri.edu.in	Montosh Chakraborty	MONTOSH CHAKRABORTY
2.	sumit_rai@aiismangalagiri.edu.in	Sumit Rai	SUMIT RAI
3.	se@aiismangalagiri.edu.in	Lt. Col. Ravi Shekhar Sinha	RAVI SHEKHAR SINHA

**GeMARPTS Details**

<b>GeMARPTS ID</b>	VT2QML9I0FKE
<b>Description</b>	SETTING UP OF VRDL BSL2 LAB AND INSTRUMENTS ON TURNKEY BASIS
<b>Report Initiated On</b>	01-Apr-2025
<b>Valid Until</b>	01-May-2025

**Tender Properties**

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Stage to disclose Bid Details in Public Domain</b>	Technical Bid Opening
<b>BoQ Comparative Chart model</b>	Normal	<b>BoQ Comparative chart decimal places</b>	2
<b>BoQ Comparative Chart Rank Type</b>	L	<b>Form Based BoQ</b>	No



## Government eProcurement System

### TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	
2	MSEs Order 2012	Agree	

### Tender Inviting Authority

<b>Name</b>	Executive Director
<b>Address</b>	AIIMS Mangalagiri

### Tender Creator Details

<b>Created By</b>	Sumit Rai
<b>Designation</b>	FICProcurement
<b>Created Date</b>	01-Apr-2025 10:43 AM

**अखिल भारतीय आयुर्विज्ञान संस्थान, मंगलगिरी**  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, MANGALAGIRI**  
*A CAB under Ministry of Health & family Welfare, Government of India*

**Tender No. AIIMS/MG/Proc/2024-25/VRDL lab setup**



**NOTICE INVITING TENDER FOR SETTING UP OF VRDL BSL2 +  
LAB AND INSTRUMENTS ON TURNKEY BASIS FOR  
MICROBIOLOGY DEPARTMENT**

**AT**

**AIIMS MANGALAGIRI**

**DISCLAIMER**

This Tender is not an offer by the All-India Institute of Medical Sciences, Mangalagiri but an invitation to receive offer from vendors/bidders. No contractual obligation whatsoever shall arise from the tender process unless and until a formal contract is signed and executed by duly authorized Officers of the All-India Institute of Medical Sciences, Mangalagiri with the vendor/ bidder.

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Mangalagiri, Guntur District, Andhra Pradesh - 522503

Website: [www.aiimsmangalagiri.edu.in](http://www.aiimsmangalagiri.edu.in)

Tendering Portal: [www.eprocure.gov.in/eprocure/app](http://www.eprocure.gov.in/eprocure/app)

Email: [procurement@aiimsmangalagiri.edu.in](mailto:procurement@aiimsmangalagiri.edu.in)

**TENDER NOTICE****NOTICE INVITING TENDER FOR SETTING UP OF VRDL BSL2 +  
LAB AND INSTRUMENTS ON TURNKEY BASIS FOR  
MICROBIOLOGY DEPARTMENT**

Tender No. AIIMS/MG/Proc/2024-25/VRDL lab setup

<b>Critical Data Sheet</b>	
Mode of Tender	E- Tender
Type of Bid	Two Cover Bid
Tender Publishing Date	01/04/2025 12:00 PM
Pre bid Meeting Date	08/04/2025 @ 3.00 PM
Pre bid Meeting Venue	Room no: 2151, Procurement cell, AIIMS Mangalagiri
Last date and time for submission of Tender	22/04/2025 12:00PM
Date and time for opening of tender	23/04/2025 12:00PM
EMD	Rs. 2,95,848 /-
Performance Security Deposit	3% of total contract value
Validity of Bid	180 days after bid Opening
For viewing, quoting the detailed NIT bidders may also visit our website	<a href="http://aiismangalagiri.edu.in">http://aiismangalagiri.edu.in</a> <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>

The Director, AIIMS Mangalagiri invites Tenders in Two Bid System (i.e., Technical and Financial Bid) from reputed, experienced Bidders for Notice Inviting Tender For Setting Up of VRDL BSL2 + Lab And Instruments on Turnkey Basis for Microbiology Department at AIIMS Mangalagiri through on-line e-procurement portal [www.eprocure.gov.in](http://www.eprocure.gov.in). The Tender documents are also available in our website: [www.aiismangalagiri.edu.in](http://www.aiismangalagiri.edu.in), Bidders have to submit the bids online by uploading all the required documents through [www.eprocure.gov.in](http://www.eprocure.gov.in). Bids for this tender will be accepted through online only.

The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding document. The bid should be precise, complete and in the prescribed format as per the requirement of the bid document. Failure to furnish all information required by the bidding document or submission of a bid not responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of the bid. The Procurement of goods and services under this tender will be regulated as per the applicable provision of Public Procurement (Preference to Make in India), order 2017 of MoC & I (DIPP), Govt. Of India, and subsequent amendments thereof. Therefore, bidders who are claiming to be regulated under the said order are to submit documentary evidence in support of their claim. The Bidder shall bear all costs associated with the preparation and submission of its bid and AIIMS, Mangalagiri will in no case be held responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

The Executive Director, AIIMS Mangalagiri reserves the right to accept or reject any quotation in full or part thereof without assigning any reason.

**Manual bids and conditional bids will not be accepted under any circumstances and will be out rightly rejected.**

F I/C (Procurement)  
For Director, AIIMS Mangalagiri

**TECHNICAL BID DOCUMENTS FOR BIDDER ELIGIBILITY:**

The following documents are required to be uploaded by the Bidder along with Technical Bid as per the tender document:

- 1) Signed and scanned copy of duly attested copy of PAN, GST and Firm registration certificate
- 2) Scanned copy original EMD
- 3) Signed and Scanned copy of Local Content certificate as per MoC & I OM No. P-45021/2/2017-PP(BE-II) dated 16 Sept 2020 and subsequent amendments thereof.
- 4) Affidavit of Self Certification regarding Local Content in a Medical Devices to be purchased on Rs. 100/- Stamp Paper
- 5) Signed and Scanned copy of Tender Acceptance letter "Annexure-I"
- 6) Signed and Scanned copy of profile of the organization "Annexure II"
- 7) Signed and scanned copy of proof of Status of Bidder: Manufacturer or Authorized Agent of the Manufacturer/ Whether Public Undertaking/Public Ltd. /Private Ltd. Company / Proprietary Firm. - Annexure-III".
- 8) Tenderer must provide evidence of 3 years' market experience.
- 9) The bidder should have in the last five years completed at least one similar work of a government institute and have experience in completing a minimum of three similar types of work of any research Government VRDL/MDRU/BSL2/BSL3. Documentary evidence should be submitted along with the bid and Annexure VI
- 10) Bidder should have minimum average annual turnover of Rs. 10 Crore. Signed and scanned Copy of Annual turnover statement as per Annexure-"VIII" and Attach Annual turnover, balance sheet, & profit loss statements of last three years duly certified by CA as mentioned in tender document should be uploaded.
- 11) Income Tax Return of last three years should be uploaded.
- 12) Signed and Scanned Copy of affidavit duly certified by the notary that the bidder has never been black listed or punished by any court for any criminal offence/breach of contract and that no police/vigilance enquiry/criminal case is pending against either bidder legal entity or against individual Directors of the company or partners etc. of the firm etc. as per "Annexure-VII".
- 13) Deviation Statement "Annexure-IX"
- 14) OEM must be an BIS /ISO certified company
- 15) Relevant brochure/catalogue pertaining to the items quoted with full specifications etc.
- 16) Technical Specifications Compliance Report.
- 17) Signed & scanned copy of Price Justification "Annexure-X".

**Note:** Bidders are requested to upload the clearly visible documents only otherwise failing which the offer shall be liable for rejection without any further communication.

**PRICE BID**

Price bid in the form of BOQ\_XXXX.xls

The below mentioned Financial Proposal/ Commercial bid format is provided as BOQ.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BOQ.xls as it is quote their offer/rates in the permitted column and upload the same in the commercial bid. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered / modified in any manner, tender will be completely rejected.

**THE SCOPE OF WORK / SCHEDULE OF REQUIREMENT**

S. No.	Item Description	Req. Qty.
1	Setting Up of VRDL BSL2 + Lab and Instruments on Turnkey Basis for Microbiology Department	As mentioned in scope of work

1. Bids are invited from Manufacturer's/Authorized Distributors/ Authorized Dealers/ Supplier companies, to supply high-quality Equipment/ Instruments as per the Technical Specification and Standard mentioned in the Schedule of requirement.
2. Description of Equipment along with accessories for given in below. Tenderer should arrange demo of item to faculty/officers (Technical Specification Committee) for display/ testing of the equipment if necessary.
3. Companies well known in the line of manufacturing/Authorized Distributor/Dealer of the Equipment/Instruments/ should only quote as per our requirement and the supply /Delivery time is 13 weeks (i.e., 90 Days) only after the issue of Purchase Order.
4. The required in-situ works like minor Electrical/Plumbing/Civil/any other Engineering Works, any accessories and consumables during the warranty period, if any required for Equipment/Instrument installation for making it operational at client site, will carried out and borne by the Successful L-1 Agency, and for this purpose no extra payment, what so ever will not paid by AIIMS Mangalagiri to any Agency. Accordingly, the vendor may bid.

**Design, Supply & Installation of VDRL Lab on Trunk Basis.**

**Scope of work:** The proposal is for establishing a Medical College Level Viral Research and Diagnostic Laboratory (VDRL) on a Turnkey basis on 6<sup>th</sup> floor, medical college building, All India Institute of Medical Sciences, Mangalagiri, with the following scope of work-

1. Supply, Installation, commissioning and maintenance of all equipment as per the indicative list of equipment for Medical College level VRDL published by the Department of Health Research, Ministry of Health & Family Welfare.
2. Infrastructure development for setting up of the laboratory and smooth functioning of the equipment including designing, concerned minor civil work, PUF panel partitioning with PUF doors and windows, flooring, painting and coating, required electrical and plumbing work and furniture etc. for setting up of the laboratory.
3. Bidders are strongly advised to visit the site on or before the date of the Pre-bid meeting on any working day between 9 AM to 2 PM

## Additional Terms and conditions

- Bidder eligibility: The bidder should have in the last five years completed at least one similar work of a government institute and have experience in completing a minimum of three similar types of work of any research Government VRDL/MDRU/BSL2/BSL3. Documentary evidence should be submitted along with the bid.
- Pre-bid assessment – Bidders are strongly advised to visit the site on or before the date of the pre-bid meeting on any working day between 9 AM and 2 PM. The bidder may seek clarification and make suggestions for consideration of the authority during the bid meeting.
- The bidder is to provide details of the equipment quoted along with certification of compliance with product specifications.
- The bidder is required to carry out turnkey work for setting up of the laboratory and smooth functioning of the equipment as per the specification stated however, it is not limited to the same.
- The laboratory shall be delivered fit for the purposes for which it is intended as per the requirement and satisfaction of the user and further shall satisfy all norms of viral research and diagnostic laboratory as per national and international standards.
- Bidder shall be responsible for Supply, Installation, commissioning and maintenance of all equipment.
- Bidder shall supply equipment with all essential accessories required. UPS with a minimum 30-minute backup to be included for equipment requiring power backup for interrupted functioning.
- Wherever needed, onsite training of the technical staff should be arranged by the bidder free of cost.
- Warranty: The facility shall carry a minimum of **two years** of comprehensive warranty from the date of commissioning of the laboratory.
- Comprehensive annual maintenance contract (CAMC)/AMC – The Bidder should quote CAMC/AMC for an additional period of three years after the expiry of the warranty. The rates of CAMC/AMC Must be mentioned separately.
- Turnover: Minimum turnover over 10 Cr or More.
- Relevant Experience: The Bidder/manufacturer should be supplying the same specification or higher specification as offered in the tender to Public funded institutes, Autonomous Bodies, and Government Institutions for 3 years.
- Local sales and service representatives of major instruments must be stationed at Mangalagiri to address prompt support.
- If the bidder is not OEM (Original Equipment Manufacturer), Bid specific Authorization letter from OEM should be provided for Highly sophisticated instruments (Manly for Thermal cycler, Gel Doc System, Elisa plate reader and washer).
- The bidder should provide a minimum of 10 installation reports, Purchase orders and satisfactory reports of VDRL Lab/MDRU Lab for major instruments.

S No	Name of Equipment	Quantity
<b>GENERAL FACILITIES</b>		
1	Biosafety Cabinet (Class II, Type A2)	2
2	Refrigerated High Speed Centrifuge(with different rotars)	1
3	Autoclave (Steam Jacketed and Vertical)	1
4	BOD Microbiological Incubator	1
5	Laminar Air Flow Cabinet	2
6	Digital pH Meter	1
7	All in one Desktop Computer with Printer	2
8	Multifunctional copier/Printer/Scanner	1
9	Label Printer (Brady Printer)	1
10	Data Logger -80 C (2No), -20 C (2 No), 4 C (2 No)	4
11	Benchtop Laboratory Centrifuge (capacity 5ml, 15ml, 50ml & RPM 1500)	1
<b>MOLECULAR LAB FACILITY</b>		
1	PCR Workstation	2
2	Thermocycler (MultiBlock)	1
3	Gel Electrophoresis (Both Horizontal and Vertical, Blotting equipment and documentation unit) with blotting equipment's.	1
4	Refrigerated Microfuge	1
5	Timer	1
6	Floater	1
7	Ice Bucket	1
8	UV Dosimeter	1
9	UV Spectrophotometer (NanoDrop)	1
10	Freezer -70 (Drawers, Racks, Card Boxes with Grids inside for 2ml vials	2
11	Hygrometers	10
12	Ice Flacks Machine	1
13	Dry Bath	1
14	Sonicator	1
<b>SEROLOGY LAB FACILITY</b>		
1	-20 C Vertical Deep Freezer	2
2	Automated ELISA Plate Washer and Plate Reader	1
3	Pipette Stand	1
4	Double Door Refrigerator	5
5	Rocking Shaker	1
6	Water Bath	1

## **I. EQUIPMENT UNDER GENERAL FACILITIES:**

### **1) Biological safety cabinet (Class II, Type A2)**

- Biological Safety Cabinet with superior protection of the user, sample and the environment with ergonomic design and operational cost saving unit.
- Size- Approximately 4 feet length x 2 feet depth
- Epoxy coated steel exterior
- Inner Working Table: SS 304
- **Circulation:** Class 100, Supply and exhaust through HEPA filters. Inflow velocity of 105 fpm (0.5 m/sec), Down flow velocity of 55 fpm (0.3 m/sec), 70 % air recirculation.
- HEPA filter for supply & exhaust airflow- H14 99.995% at 0.3-micron particle size.
- **Light:** UV and sufficient illumination for workspace.
- Gauges: for monitoring the condition of all HEPA filters as well as workspace. Should have Air Velocity & Differential pressure sensor (rather than anemometer) which detects pressure changes and ensures safe airflow across the entire work surface.
- The exhaust blower on the Cabinet must continue operating when the supply blower stops working, If the exhaust blower should fail, the supply filter will also be turned off for the safety of user and the Environment.
- Should have microprocessor controlled easy to read controls with large display of operating parameters and functions such as within the reach from the seated working position.
- Alarms - Visual and Audible for correct working position of the window, Airflow Safe or Restricted.
- In course of short intervals of cabinet window closing the blower should be reduced to 30% speed ensuring sterile work environment and extending the life of filter usage.
- Power supply- 210-240 V/ 50 Hz
- Cabinet should be certified by NSF 49/EN 12469 certifications to meet international and industry standards of performance and protection. It should also have ISO 14644 and IEC 61010
- Services required- Installation & onsite validation; Calibration certificates; Manuals: Operation, maintenance & part list with detailed specifications; Operational & maintenance, Training.

### **2) Refrigerator Highspeed Centrifuge**

- Centrifuge multipurpose bench-top centrifuge 1 Lit capacity
- The system should be capable of using fixed-angle and swing-out rotors with adapters to use different tube formats.
- The system should have a temperature range -9°C to 40°C
- The system should have a maximum capacity of 4 x 250 ml with a 15/50 ml rotor.
- Maximum speed for fixed angle rotors should be 14,000 rpm and RCF 20,913 xg force, for swing out rotors maximum speed of 4200rpm/ 3234xg
- The system should have a user-friendly operation; a key panel with provision to set speed

RPM / RCF, and radius correction values that can be changed during centrifugation.

- The system should have an automatic shut-off function to reduce energy consumption and extend compressor life when not in use for long hours
- The system must be equipped with automatic rotor recognition and imbalance detection for maximum operational safety
- Timer setting 1 min to 99 min, with continuous run function and separate short spin key with selectable rotational speed
- The system should have 10 acceleration and deceleration steps
- Noise level at max speed should be less than 58 dB(A) for quiet operation in the workplace
- Rotors and rotor lids should be made of metallic and must be fully autoclavable at 121°C
- Centrifuge lid with soft-touch lid closure, and low opening height for stress-free lid locking
- The system must have the smallest possible footprint and the smallest lid opening height for easy sample accessing while loading and unloading samples
- The system should have an LCD.
- Features in the quotations should be substantiated with a proper company catalogue
- The system must be European CE Certified
- Instruments should quote with the following rotors:
  - a. Swing Bucket Rotor 4X100ml rotor with rpm of 5000 and 4500xg, Adapters for 15ml x 16 numbers, 50ml x 4 numbers
  - a. High speed rotor 6 x 85mL with rpm of 11,000 and 15,500x g rcf, 6 quantities of 15mL and 50mL adapters
  - b. High speed fixed angle rotor for 30 x 1.5mL & 2.0mL with rpm of 14,000 and 20,800x g

### 3) Autoclave (Steam Jacketed & Vertical)

- Fully automatic vertical autoclave, suitable for sterilization under working steam pressure up to 15 PSI or more and temperature of 121°C or more.
- **Design:** Unit made of SS 304 chamber, approx. inner dimensions 16" to 25" (diameter x depth). The lid is made of a heavy gauge lid, die pressed S.S.304 with pressure gauge, steam release valve & necessary Safety valves, with foot lifting arrangement to open the lid, programmable, with all functional accessories.
- **Capacity:** 70 to 80 lit
- **Display:** Time and temperature -LCD.
- **Alarm:** Low water level alarm and cut off / Sensor open alarm
- **Accessories:** Perforated carriers made up of SS 304 (3-4 Nos.)
- **Power Supply:** 220/230 volts AC-50 Hz or Suitable power supply
- The system should be CE/IVD certified

### 4) BOD Microbiological Incubator

- Double-walled body with inner chamber of Stainless Steel and outer galvanised steel with non-corrosive epoxy powder coated, full-view glass door.
- **Capacity:** 100-120L with an internal fan for uniform air circulation

- **Inner chamber:** 3-4 shelves and with illumination
- **Temperature:** Control: microprocessor based with digital display, Range: 5°C to 50°C with an accuracy of  $\pm 0.5^\circ\text{C}$  Uniformity:  $\pm 1.0^\circ\text{C}$  throughout the chamber
- **Door alarm:** Low/high-temperature alarm
- **Cooling:** CFC-free refrigeration
- **Power Supply:** 210-240 V/50-60 Hz

#### 5) Laminar Air Flow Cabinet

- **Certification:** EN12469 OR equivalent
- **Design:** Vertical laminar flow cabinet; Approximately 4 Feet length X 2 feet depth, 304SS interior, epoxy/powder coated exterior Door fully closing with a hinged sash; Support stand, solid one-piece dished work surfaces
- **Circulation:** Downflow velocity of 40-70 fpm, ISO Class 5 or higher air
- **Filters:** HEPA filter (99.99% efficient on particles 0.3 microns)/ULPA filter (efficiency of  $>99.999\%$  at 0.1-to-0.3-micron sizes) provided with pre-filter)
- **Light:** UV and sufficient illumination for workspace
- **Gauges:** For monitoring the condition of all HEPA filters as well as workspace.
- **Power Supply:** Should include 210-240V/50-60 Hz

#### 6) Digital pH Meter

- **Design:** Compact, Tabletop
- **Electrodes:** Dual
- **Capability:** To measure pH, Temperature, mV & relative mV
- **pH:** Range 0 to 16.00 pH, Accuracy,  $\pm 0.01$  Resolution 0.002
- **Temperature:** Approximately 0 to  $120^\circ\text{C}$ , Accuracy  $\pm 0.5^\circ\text{C}$
- **MV/Rel.mV :**  $\pm 1999$ , Resolution 0.1
- **Display:** LCD for pH and temperature readings simultaneously
- **Buffer:** Unit able to recognize auto buffer along with custom buffer options
- **Calibration:** Automatic as well as manual
- **Temperature Compensation:** Automatic
- **Power Supply:** Should include 210-240V/50-60 Hz.

#### 7) All in one Desktop Computer with Printer

- **Hardware:**
  - a) **Operating System:** Windows 10 (64-bit)
  - b) **Processor:** 3rd Generation Intel Core i5 - (2.4 GHz / 6 MB L2 Cache) or better
  - c) **Motherboard:** Intel Chipset (or) ASUS
  - d) **RAM:** 16 GB or more
  - e) **Hard-Drive:** 1 TB HDD, 500 GB (SSD)
  - f) **Graphics Card:** NVIDIA GeForce with Dedicated 2GB Video Memory with HDMI In & Out
  - g) **Monitor:** 21" Full HD 0.28 pitch Anti-Glare with optional 10-point touch
  - h) **Optical Drive:** Integrated DVD RW 52X drive

- i) **Accessories:** USB 3.0 ports, USB 2.0 ports, Card Reader, Integrated Speakers, Web-Camera
- j) **Security:** Integrated Fingerprint Reader
- k) **Network:** 10/100/1000M LAN, 802.11 b/g/n Wi-Fi with optional Bluetooth
- l) **I/O Devices:** Wireless Keyboard and Mouse
- **Software:**
  - a) System Recovery manager
  - b) System Security and Protection
  - c) DVD Burner / Label Creator
  - d) Microsoft Office latest
  - e) Chrome Browser
  - f) Adobe PDF (or) PDF Exchange Viewer
- **Power Supply:** Should include 210-240 V/50-60 Hz
- **UPS:** appropriate UPS to be provided
- **PRINTER**
  - a) Printer type: Ink tank
  - b) Printer output: Colour
  - c) Connectivity: Bluetooth, Wi-Fi, USB, Ethernet
  - d) Scanner: upto 1200 dpi
  - e) OS Compatibility: Windows 10, 7: macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur
  - f) Mobile connectivity: Yes
  - g) Hardware interface: USB
  - h) Maximum Print Speed (color): 7 pages/min, Maximum Print Speed (Monochrome): 12 pages/min
  - i) Printer Page size: A4, Letter, Legal;
  - j) Power wattage of printer: Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Consumption: 0.10 Watts (Off Mode), 2.00 Watts ( Sleep mode); Typical Electricity Consumption (TEC): 0.30 kWh/Week; Power supply type: Internal
  - k) Control Method: Application
- 8) **Multifunctional copier/ printer/ scanner**
  - The machine should be of compact design, programmable and PC compatible.
  - **Copies per minute:** 20-25 cpm
  - **Resolution:** scan copy and print should be 600X600 dpi. 1200 x 600 dpi or better
  - **Magnification:** Range 25% to 400% - Platen, 25% to 200% - Feeder (in 1% increments)
  - **Document Feeder:** Automatic
  - **User interface:** Touch-screen panel
  - **Connections:** USB 2.0,wifi
  - **Network printing**
  - **Power Supply:** Should include 210-240V/50-60 Hz.

**9) Label Printer**

- Style: Label Printer
- Print media: labels
- ELIMINATE THE WASTE AND HASSLE OF SHEET LABELS: Prints precise quantities without difficulty
- NEVER BUY INK AGAIN: Direct Thermal printing technology eliminates the cost of ink and toner
- SPEEDY LABELING: Use the included software to quickly create and print address, file folder and barcode labels—up to 51 labels per minute
- EASILY CUSTOMIZE AND PRINT LABELS: Create labels directly from text in Microsoft Word, Excel, Outlook, and Google Contacts™
- USE WITH AUTHENTIC LABELS: For best performance, use Labels in a variety of sizes
- Must have quick-to-access fonts, frames, symbols

**10) Data logger -80° C (1 No.), -20° C (2 No.) +4° C (1 No)**

- Should provide real-time temperature data log
- Temperature Accuracy:  $\pm 0.5^{\circ}\text{C}$
- Data Storage Interval- 1 to 99 minutes (programmable)
- Power Supply: 210-240V/50-60 Hz

**11) Benchtop Laboratory Centrifuge**

- Should have speed range(rpm): 0-21000rpm adjustable
- Should have speed accuracy:  $\pm 20\text{rpm}$
- Should have max Capacity(ml): 4\*100ml
- Should have RCF range (x g): 0-31061xg adjustable
- Should have Display: LCD
- Should have Time range: 0-99minutes 59s adjustable
- Should have Noise(dBA):  $\leq 60\text{dB(A)}$
- Should have Acceleration /Deceleration rates: 1-10
- Should have Dimension(mm): 470x350x295mm
- Should have Motor: Frequency Converter motor
- Should have Centrifugal chamber inner diameter:  $\Phi 280\text{mm}$
- Should have Maximum temperature rise:  $\leq 12^{\circ}\text{C}$
- Should have Microprocessor control.
- Should have Frequency conversion A.C. motor drive, maintenance-free.
- Should have a High-quality steel structure with a scratch-resistant, powder-coated finish.
- Should have 304# stainless steel chambers are autoclave-able, resistant detergents and disinfection liquids.
- Should have an Aluminium alloy fixed-angle rotor, and a stainless-steel swing-out rotor.
- Should have Rotors and buckets are autoclavable and corrosion-free.

- Durable chassis with steel armoured chamber and steel layered lid.
- Should have Smooth tube insertion and removal facilitated by precisely carved holes in rotors and buckets.
- Should have easily exchangeable rotors.
- Should have automatic RPM/RCF conversion
- Should have Up to 30 program memory and easily retrieved.
- Last set parameters recall (useful for repetitive analysis)
- Should have adjustable Accel/Decel, 10 acceleration and 10 deceleration ramps.
- Should have automatic lid-locking and holding during the rotor run.
- Should have automatic RFID rotor identification with over-speed protection.
- Should have active imbalance detection and shutdown.
- Should have a self-diagnostic system with error display
- Should have aerosol-tight caps for safe centrifugation of hazardous samples.
- Safety and Standards Certification: CE
- Product Safety: EN61010-1 and EN 61010-2-020 Electromagnetic Compatibility: EN 61326-1
- Instruments should quote with the following rotors:
  - a) High speed rotor 6 x 50mL with 5& 15mL adapters

## II. EQUIPMENT UNDER MOLECULAR LAB FACILITIES:

### 1) PCR Workstation

- **Certification:** EN12469 OR equivalent.
- **Design:** Vertical laminar flow cabinet; Approximately 4 Feet length X 2 feet depth, 304SS interior, epoxy/powder coated exterior Door fully closing with hinged sash. Support stand, solid one-piece dished work surfaces
- **Circulation:** Downflow velocity of 40-70 fpm, ISO Class 5 or higher air
- **Filters:** HEPA filter, (99.99% efficient on particles 0.3 microns)/ULPA filter (efficiency of >99.999% at 0.1-to-0.3-micron sizes) provided with pre-filter)
- **Light:** UV and sufficient illumination for workspace
- **Gauges:** For monitoring the condition of all HEPA filters as well as workspace.
- **Power Supply:** Should include 210-240V/50-60 Hz.

### 2) Thermocycler

- Gradient Thermal Cycler with Peltier heating and cooling-based system.
- Should have gradient enabled block for dual 48/48 well x0.2ml with an option of gradient enabled 96-well and 384-well.
- Should have reduced the mass sample block to offer a settling time of 10 secs.
- Should have a maximum ramp rate of 5 degC/sec and an average ramp rate of 3.3 deg C/sec
- The system should have the capability to program 8 different annealing temperatures using a gradient with dynamic ramping.
- Should have block and calculated temperature control modes.

- Should have a temperature range of 0-100 deg C
- Should have a temperature accuracy of  $\pm 0.2$  deg C
- Should have a temperature uniformity of  $\pm 0.4$  deg C well to well within 10 seconds of arrival at 90 degC and have 6 thermoelectric modules.
- Should have an adjustable heated lid
- It should have a gradient range of 30-100 deg C and use dynamic ramping for a gradient.
- Should have a gradient accuracy of  $\pm 0.2$  degC of programmed temp at end rows
- Should have a row uniformity of  $\pm 0.4$  degC well-to-well within 10 sec of arrival at target temperature.
- Should have a temperature differential range of 1-24 degC
- Should have an O-ring seal to protect thermal electric modules.
- Should have protocol auto writer for easier programming to run a standard, fast or ultrafast protocol.
- Should have an intuitive 8.5" touchscreen interface that can display graphics in high resolution for easy programming.
- The touch screen should be resistive and can be used with both gloved and ungloved fingers.
- The lid should have an audible over-tightening indicator (AOI)
- It should have a high-resolution colour display and have 6 USB ports
- Should have the feature of "instant incubation" to keep samples at a constant temp. for ligation and restriction digests.
- Should have a memory of >1000 programs with further expansion through a USB Flash drive for transfer of files.
- Should have the flexibility to protect files with optional log-in, restricted user privileges and a secured mode for a controlled environment.
- Should have an automatic option for graphical or text-based programming
- The software should have exportable Run logs and system error logs
- The option of using the instrument through a PC should be there
- Should be capable of controlling an additional 3 cyclers through one instrument.
- Should be able to control upto 32 units of PCR by using manager software
- Should be upgradeable to 5 Target Real-Time PCR
- Should be licensed for both diagnostic and research applications. A copy of the license should be attached.

### 3) Gel Electrophoresis and documentation unit

The system should consist of

#### a) Horizontal Gel Electrophoresis system

Mini and midi are two separate units with all accessories.

Should have a single moulded tank with a safety lid and UV Transparent tray and the trays can be directly kept on the UV Transilluminator.

- A system should include tape free gel casting module for leak-free operations. Should have replaceable colour-coded platinum electrodes to remove the confusion of wrong orientation.

- A system should be capable of running precast-ready agarose gels and Hand Cast gels.
- Should be compatible for fast resolution of DNA (Bromophenol blue migration rate >3-4.5cm / hr at 75V)
- A system should have the option for adjustable height combs with comb holders.

- **Mini Horizontal Electrophoresis**

- Should supplied with a UV transparent tray of approximately 7 x 10 cm with at least two slots for combs
- Should have a sample throughput of up to 30 samples, at least two combs should be provided preferably one each of 8 and 15 wells or better

- **Midi Horizontal Electrophoresis**

- Should supplied with UV transparent trays of approximately 15 x 10 cm with at least 2-4 slots for combs
- Should have a sample throughput of up to 120 samples, at least two combs should be provided preferably one each of 15 and 20 wells or better

**b) Mini Vertical Electrophoresis Unit:**

- Should include tank, lid with power cables, electrode assembly, casting stand for minimum 4 gels, five each 10-well combs of 1.0mm and 1.5mm thickness, and five sets of glass plates with 1.0mm and 1.5mm spacers
- Should be able to run 1-4 hand-cast and precast mini gels
- Should require not more than 700 ml buffer for 2 gels
- Should have casting stand with wing clamp assembly for simple and leakproof casting
- Should have the capability for upgradation from 2 gels to 4 gels in the same tank
- Should have the capability of adding an interchangeable module, which can run SDS-PAGE or do western blotting in the same buffer tank
- The system should come with a starter consumables kit for Stain free fast gel running in 20 min

**c) Western Blotting System**

- Fast blotting system for blotting up to four gels simultaneously
- The system should accept 2 different cassettes running the same protocol at different starting times and should be capable of blotting one mini gel in 3 minutes.
- The system should be open for traditional blotting consumables
- The system should have inbuilt fixed electrodes
- Input power: 100–240 VAC, 276 VA, 50–60 Hz, 175 W max
- USB port: Yes, input only, for firmware updates
- The system should have a Cooling fan
- The system should have an inbuilt Power supply with a high current capacity of 2.5 A
- User Interface should have 18 button keypad and 128 x 64-pixel monochrome display
- The system should have up to 25 user-defined programmable methods
- The system should have an audible alarm
- User notifications should have the following features:
  - Power fail during run
  - No-load detection

- No cassette detection
- End of run
- EN61010 certified

**d) Power Supply (Quantity:2)**

- Should have an Output range (programmable) of 10–300 V, fully adjustable in 1 V steps and 4–400 mA, fully adjustable in 1 mA steps with 75 W maximum
- Should give Constant voltage, and constant current with automatic crossover
- Should have four pairs of recessed banana jack output terminals floating in parallel to run four systems at a time
- Should have a timer of 1–999 min, fully adjustable
- Should have pause/resume run function
- Should have LED Display
- Should have these Safety features: No-load detection, sudden load change detection, overload/short circuit protection, input line protection, auto power-up after power failure
- Should have input protection of fuse on both hot and neutral
- Should have a fan fitted at the back to keep the internal board cool
- Should conform to CE standards
- The power pack must be from the same manufacturer as the electrophoresis system for complete compatibility

**e) Gel Documentation System:**

- Gel imaging system to visualize:
  - a) Stained protein gels (coomassie, silver, UV light-excited fluorescent stains)
  - b) Stained nucleic acid gels (ethidium bromide and other UV light-excited fluorescent stains).
- The system should be compact, benchtop with minimum footprint, a light-tight compact darkroom & a Slide-Out UV Transilluminator.
- Versatile system to support a wide range of applications like Fluorescence, colourimetry/densitometry & Gel documentation, Stain free imaging.
- Should support the following dyes – SYBR Green, SYBR Safe, Ethidium Bromide, Stain Free Gel, Coomassie Blue, Zinc Stain, Flamingo, Oriole, Silver Stain, Coomassie Fluor Orange, Sypro Ruby, Krypton & Colorimetric Blots
- It should feature a touch screen of size of minimum 9.7", which is Multitouch capable & offers a Display resolution of a minimum of 1024 x 768 pixels.
- Should have Smart Tray Technology that automatically recognizes your application-specific tray and adjusts imaging parameters and software options accordingly
- Should have pre-calibrated focus for any zoom setting or sample height.
- Should have a high-resolution scientific grade 16-bit CMOS camera of resolution greater than 6.3 megapixels & carry a pixel size of 2.4  $\mu\text{m}$  x 2.4  $\mu\text{m}$ , with Pixel density (grey levels) – 65535
- Maximum image area - 21 x 14 cm (W x H)
- Dynamic range - >3.5 orders of magnitude
- Emission filter -535–645 nm
- Data output -16-bit or 8-bit: SCN, TIFF, JPEG image files
- The Gel Placement door should be drawer-type, allowing access to Gels from either direction for facilitating easy/clutter-free gel excision applications.

- Should offer Trans-UV (B) and Epi White as Standard Illumination. White Light Trans Illumination and UV/Blue Conversion should be available as optional.
- Appropriate flat fielding correction should be automatically and consistently applied to image data for every application.
- The system should come with a white light conversion screen.
- Image Analysis Software:
  - Automated lane and band identification, molecular weight or base pairs evaluation, band sizing, and quantitation based on a reference band or quantity standards
  - Snapshot tool to copy images, lane profiles, and graphs
  - Allow Publishing resolution (dpi) and publishing dimension to be specified with a one-click image export for publication. Provides functionality to produce images at user-defined dpi and dimension
  - No requirement for a license for registration. The full version of the software should be installable on a large number of computers. Lifetime free upgrades of Software & Firmware should be available. Software should be single for imaging and analysis.
  - Autoexposure – 2 user-defined modes (intense or faint bands)
  - Mac and PC-compatible software
  - 16-bit and 8-bit tiff images with a one-click export option
  - Software should produce customizable reports with data organized as desired, including, Lane and band identification, molecular weight or base pair evaluation. Band sizing and quantification are based on a reference band or quantity standards.
  - Software should offer live updates of results with any change of analysis parameters.
  - Local/ Global Background subtraction of individual bands

**Accessories:** Gel rocker shaker for staining of gel (mini & midi gels), UV safety Shield

#### 4) Refrigerated Microfuge

- Tabletop refrigerated with max speed 15000 rpm and 21400 rcf or better
- Speed accuracy should be  $\pm 10$  rpm or better
- Temperature range should be  $-10^{\circ}\text{C}$   $+ 40^{\circ}\text{C}$
- Temp accuracy should be  $\pm 1-2^{\circ}\text{C}$
- Timer range should be 1 second to 99 minutes adjustable
- The screen should show the values or graphics of the set parameter as well as a real parameter of the run
- Up to 10 programs or more.
- A brushless induction motor with a frequency drive ensures a gentle start
- The microcontroller controls time, temperature, speed, or g-force
- Possibility of pre-cooling rotors during standby mode
- Stainless steel chamber with additional inner guard ring
- Lid-dropping protection and imbalance cut off
- Double manual emergency lid release
- Neither should it run with the lid open nor open the lid when the rotor runs.
- The temperature probe should be inside the chamber of centrifugation
- Motorized lid lock
- Special tool for loading and unloading rotor
- Rotor identification on memory
- Imbalance identification
- Auto balancing in situations of minor imbalance

- Noise level should be very low <60db
- Power AC220 V/ 50HZ
- Centrifuge should be CE-certified or equivalent
- Necessary accessories
- 24x1.5/2 ml fixed angle rotor with max speed 15000 rpm with 0.2 ml and 0.5 ml reducers
- 4\*8x0.2 ml PCR tube strip fixed angle rotor

**5) Timer or Watch:** it should be a Digital LCD Table Desk Calendar Timer, Stopwatch Dashboard, Office Desk Stopwatch Digital Alarm.

**6) Floater:** Should have heat resistant floater for water bath incubation

**7) ICE Bucket:** 2.5L & 4.5L, Lightweight and durable polyurethane Ice buckets that are designed to not leave water puddles on your work bench. Stackable design and folded lip for easy grip. Suitable for liquid nitrogen, ice water slurries and acetone.

**8) UV Dosimeter:**

- Should have multi-analyte constituents to provide fast chromatic analytical data for UV/UVC testing.
- Should have Photochromic dosimeter strip uses an analyte sensitive to wide-band UV between 200-400nm UVA/UVB/UVC.
- Should have UV dosimeter colour strip concentration is directly proportional to UV intensity (higher intensity equals darker colour).
- Should have UV dosimeter colour concentrations are also directly proportional to UVA UVB and UVC wavelength (shorter wavelengths equals lighter colour) at max value.
- Should have UVC photo-luminescence detection technology displays temporary fluorescence between 250-270 nm when directly exposed to optimal germicidal UVC light waves.

**9) UV Spectrophotometer (Nanodrop):**

- The system should have a full range of wavelength (200-800nm) detection ability.
- The system should have Nano and cuvette modes with the following specifications:
- It should have a Wavelength Range of 200- 280nm.
- It should have a Minimum Sample Size of 0.5-2.0µl
- It should have Path Length: 0.2mm and 1.0 mm
- It should have a Light Source of a xenon flash lamp
- It should have Detector Type of 2048 linear CCD array
- It should have a Wavelength accuracy of 1 nm
- It should have a Wavelength Range of 600± 8nm
- It should have an Absorbance Precision of 0.003Abs
- It should have Absorbance Accuracy of 1% (7.332Abs at 260nm)
- It should have an Absorbance Range of 0.02 - 100
- It should have Detects Nucleic Acid up to 2-5000ng/ ul (dsDNA)
- Measurement Time should be <5S
- It should have a USB Data Output
- It should have Sample Pedestal Material of Aluminium alloy and Quartz fibre
- Software Compatibility should be of Android System
- Should have ISO and CE Certification

#### 10) -70°C Vertical Ultra-low Freezer

- Galvanized steel sheet body with epoxy paint and vacuumed polyurethane foam panels, outer double door with locking facility. Alarm for audible & visual fault acknowledgement, low & high-temperature audio-visual alarms, condenser fault alarm, remote contact alarm, open door alarm, clean filter Indicator and power failure alarm. Castor wheels & levelling adjusters should be provided for adjustment and installation.
- Capacity: Approximately 650– 700L
- Refrigerant: CFC & HCFC
- Cooling system: Cascade cooling system
- Doors: Triple silicon section seal, fitted with decompression valve facility to lower air pressure inside the freezer for easy door opening.
- Inner Compartment: Minimum 3 compartments with doors
- Temperature: Range-55 to-80°C, Stability+/-1°C, uniformity+/-3°C
- Additional Accessories: SS Racks and cardboard boxes
- Power Supply: 210-240V/50-60 Hz

#### 11) Hygrometer

- Temperature Range: -40°C to 100°C
- Measures: Temperature and humidity
- Accuracy:  $\pm 0.4^{\circ}\text{C}$  (temperature),  $\pm 3\%$  (humidity)
- Display: Clear LCD
- Durability: Robust design for harsh conditions
- Power: 2 AAA batteries
- Applications: HVAC, laboratories, fieldwork

#### 12) ICE Flaking Machine

#### 13) Dry Block

#### 14) Sonicator

### III.EQUIPMENT UNDER SEROLOGY LAB FACILITIES:

#### 1) -20 Vertical Deep Freezer

- It should have the Door Type: Solid door
- It should have Refrigerant: R290
- It should have Storage Volume(L): 308
- It should have Climate Class: N
- It should have Temperature Range (°C): -25°C~-10°C
- It should have a Cooling Type: Direct cooling
- It should have Defrost Mode: Manual
- It should have a Cabinet Type: Upright
- It should have a Superior Temp. uniformity& Precise control :
- It should have Microcomputer temperature control;
- It should have a Temperature accuracy 0.1°C;

- It should have Temperature uniformity  $\leq 3.5^{\circ}\text{C}$ ;
- It should have USB port, temperature and alarm records traceable;
- It should have Multi-alarm functions
- It should have a Humanized Design
- It should have Friendly for daily use :
- It should have a Fixed caster+universal wheel;
- It should have a Safety lock, Easy open handles;
- It should have an Anti-condensation door, Cable port;
- It should have a Wide voltage range design;
- It should have Remote alarm contact, Dry contact
- It should have LBA Forming Technology:
- It should have a Three-dimensional seal:
- The system should have ISO and CE certification

## 2) Automated ELISA Plate Reader & Plate Washer

### ELISA Plate Washer

- Automated ELISA Microplate Washer
- The washer needs to be CE-IVD/FDA-approved
- The washer manifold needs to be 8 or 12 channels.
- The pump used for aspiration and dispensing needs to be a vacuum pump.
- Needle height needs to be adjustable for dispensing and aspiration according to the size of the wells.
- A minimum of 75 nos. of protocol needs to be programmable in the system.
- Both strip mode & plate Mode washing need to be present
- The total no of single-cycle washing methods needs to be a minimum of 6
- The total no of two-cycle washing methods needs to be a minimum of 4
- Soak time needs to be programmable up to 9 sec in strip mode and up to 59 minutes in plate mode.
- Total no of cycles for each method needs to be from 1- 9.
- The washer needs to be able to adapt U, V, flat or curved bottom plates
- The dispensing volume needs to be 50- 3000  $\mu\text{l}$  with an increment of 50  $\mu\text{l}$ .
- The washer needs to have a facility for horizontal shaking.
- The shaking time needs to be adjustable in the range of 0- 50 sec
- The washer needs to have the facility to adjust the flow rate of the buffer at least 10 speeds.
- The washer needs to be able to perform continuous wash, cross wash, bottom wash, and normal wash.
- Precision needs to be  $<10\%$  CV
- Waste Bottle needs to be one along with vacuum bottle
- The Wash Bottle needs to be a minimum one in quantity
- The rinse Bottle needs to be a minimum one in quantity
- Automatic Priming needs to be done at the registered change of Buffer
- The Plate Carrier needs to be autoclavable
- The washer needs to have the feature of omitting the strip.
- Residual volume per well needs to be less than 10  $\mu\text{l}$ .

- The system needs to have validated ELISA protocols.

### **ELISA Plate Reader**

- The system needs to be an 8-channel microplate reader
- The system needs to be an open system that allows to program & save a minimum of 150 protocols with different Elisa protocols
- The reader needs to be CE/IVD Certified.
- The software needs to be 21 CFR part 11 compliant.
- The user interface needs to be through an external PC with minimum programming steps.
- The instrument needs to have an external printer facility with USB port-based printers.
- The instrument needs to be able to read all types of microwell plates with transparent bottoms – flat, C-U- and V-shaped
- The system needs to be able to read endpoint and kinetic reactions.
- The system needs to have multiple levels of operator access for security.
- The system needs to be based on LED-based technology for minimal maintenance & long-life of the light source.
- The operating temperature needs to be between 15-35°C
- The power supply needs to be 100-240V AC
- Calibration- A metrological tool needs to be available with the service provider to check the different aspects of the reader as well as accreditation requirements
- The photometric range needs to be between 0 to 4.000 OD
- The instrument needs to have a spectral range between 400-750nm
- Instrument needs to have both single and dual-wavelength reading options.
- Instrument needs to have a minimum resolution of 0.0001 OD means reading should be displayed with minimum of 3 decimal points for accurate quantitative measurements.
- The system needs to have at least 5 Standard filters – 405, 450, 492, 550 & 620nm and should have at least 3 open positions for future additions
- The system needs to have built plate shaking with a minimum of 3 speeds and a minimum up to 5 minutes.
- The instrument needs to be able to read one 96-well micro plate within 20 seconds for a faster turnaround time.
- A memory backup option needs to be available for data management.
- Reading Accuracy & Precision need to be  $\leq 2\%$ .
- The minimum installation base needs to be 250.
- System needs to be able to calculate cut off by its own and to have facility of all major quantitative calculations/ curve (linear, cubic spine, quadratic, etc.)
- The system should be supplied with suitable computer.

### **3) Pipette Stand**

- Unichannel micropipettes of variable volumes: 0.5-10  $\mu\text{l}$  (1), 20-200  $\mu\text{l}$  (1) & 100-1000  $\mu\text{l}$  (1)
- ISO 8655 CERTIFIED
- Fully Autoclavable
- Compatible with universal tips
- Should be supplied with a pipette stand

#### 4) Double door refrigerator

- **Design:** Double door refrigerator, Inner chamber stainless steel 304 grade, Door locking system, magnetic door gasket, adjustable shelves, auto defrost facility.
- **Capacity:** 275-300 L
- **Refrigerant:** CFC-Free
- **Controls:** moisture and humidity
- **Alarm & Indicator:** audio-visual alarm for door open and temperature fluctuation compressor on/off indicator
- **Power Supply:** Should include 210-240 V/50-60 Hz

#### 5) Rocking Shaker

A rocking shaker is used for staining and destaining gels, hybridization procedures, haematology and blotting techniques. It has a variable speed powerful DC motor to provide a gentle rocking motion. All the moving parts are fitted with bearings for quite trouble-free and smooth operation.

#### 6) Water bath

- The water Bath made of 304 stainless steel
- **Capacity:** Anti-corrosive 4 chambers each with a capacity of 3-4 lit.
- **Temperature:** Ambient to 100 °C, with Digital temperature display and 0.1°C readability, microprocessor-controlled
- **Power Supply:** 210-240V/50-60 Hz

The above specifications are formed in such a manner that it will invite multiple bidding competition as per GFR 173 (IX)

#### **Detail of the Turnkey scope of work required for setting up of the laboratory and smooth functioning of the equipment**

1. An area measuring approximately 2200 square ft is earmarked for setting up the VRDL on 6th floor, Medical college building, All India Institute of Medical Sciences, Mangalagiri.
2. Bidder has to carry out infrastructure development of the area for establishing Medical College level VRDL with the installation of equipment including designing, concerned minor civil work, PUF panel partitioning with PUF doors and view panels, flooring, painting and coating, required electrical and plumbing work and furniture etc.
3. Medical College level VRDL is to be set up as per existing guidelines with facilities for sample receipt, preparation and storage, Sterilization, Donning and Doffing, Serology Lab, Molecular Lab (Nucleic acid Extraction, Reagent preparation, Template addition, PCR and Post- PCR rooms), store, data entry and VRDL office.
4. Planning & Designing of the VRDL should be done in such a way that the functional flow is unidirectional. The pressure, temperature, humidity and other physical and functional barriers of various areas in the laboratory have to be according to national and international standards. The suggested layout plan of the laboratory is as per Annexure 'A'.

5. Bidders are advised to visit the site and carry out the assessment of works before submitting the bid. Bidders may submit their own proposed layout design for approval by the technical committee of the institute. Site modification, if any, proposed by the bidder shall be done only after approval of the competent authority and shall be the sole responsibility of the bidder.
6. Electric points shall be provided by the institute on the main wall. All electrical work on the partition wall shall be the responsibility of the bidder. The proposed electricity plan is as per Annexure 'B'.
7. Clean room partitions are to be installed without damaging the existing building structure with minor civil work for fitting doors, view panels, pass box etc. The proposed layout of the partition is as per Annexure 'C'
8. The main plumbing work will be done by the institute as per the approved plan. Sink tables with faucets in the clean room area and a washbasin outside the doffing area shall be provided by the bidder.
9. Ceiling work of around 55-60 sq mt in the infectious area (sample receipt, Donning and Doffing area with corridor, Sample preparation and Nucleic acid Extraction area) shall be done by the bidder. The false ceiling of the remaining area will be done by the institute.
10. Separate air conditioners for the above infectious area shall be provided by the bidder. Air conditioning for the rest of the laboratory will be done by the institute.
11. Proper signage has to be displayed in various sections of the laboratory and has to be aligned with the existing colour coding of signages for AIIMS Mangalagiri.
12. The items like General furniture and other accessories where if the technical specification is not provided, should be of reputed make and of good quality. All general furniture should be modular and should be of reputed make. All the general furniture items and other accessories should be supplied by the bidder only after approval of the technical committee for approval of quality.

**TECHNICAL SPECIFICATIONS FOR TURNKEY WORK**

S. No.	Item/Work	Specifications	Qty
1.	PUF panel partition wall panel with aluminium coving	Clean room partitions consist approximately 2200 Sq Ft partition Pre-painted PKB PPL standard wall panel (minimum 50 mm thickness) made up of minimum 0.5 mm thick PPGI Pre painted sheet on both sides to be insulated with infill PUF of density $40 \pm 2$ kg/m <sup>3</sup> . Color & view of inner surface wall of LAB shall be finalized after approval of user. Aluminium Coving 50 mm with Aluminium backing (wall to wall, wall to ceiling considered). Painting of walls to match the PPF partition panel color	2200 Sq Ft (Approx)

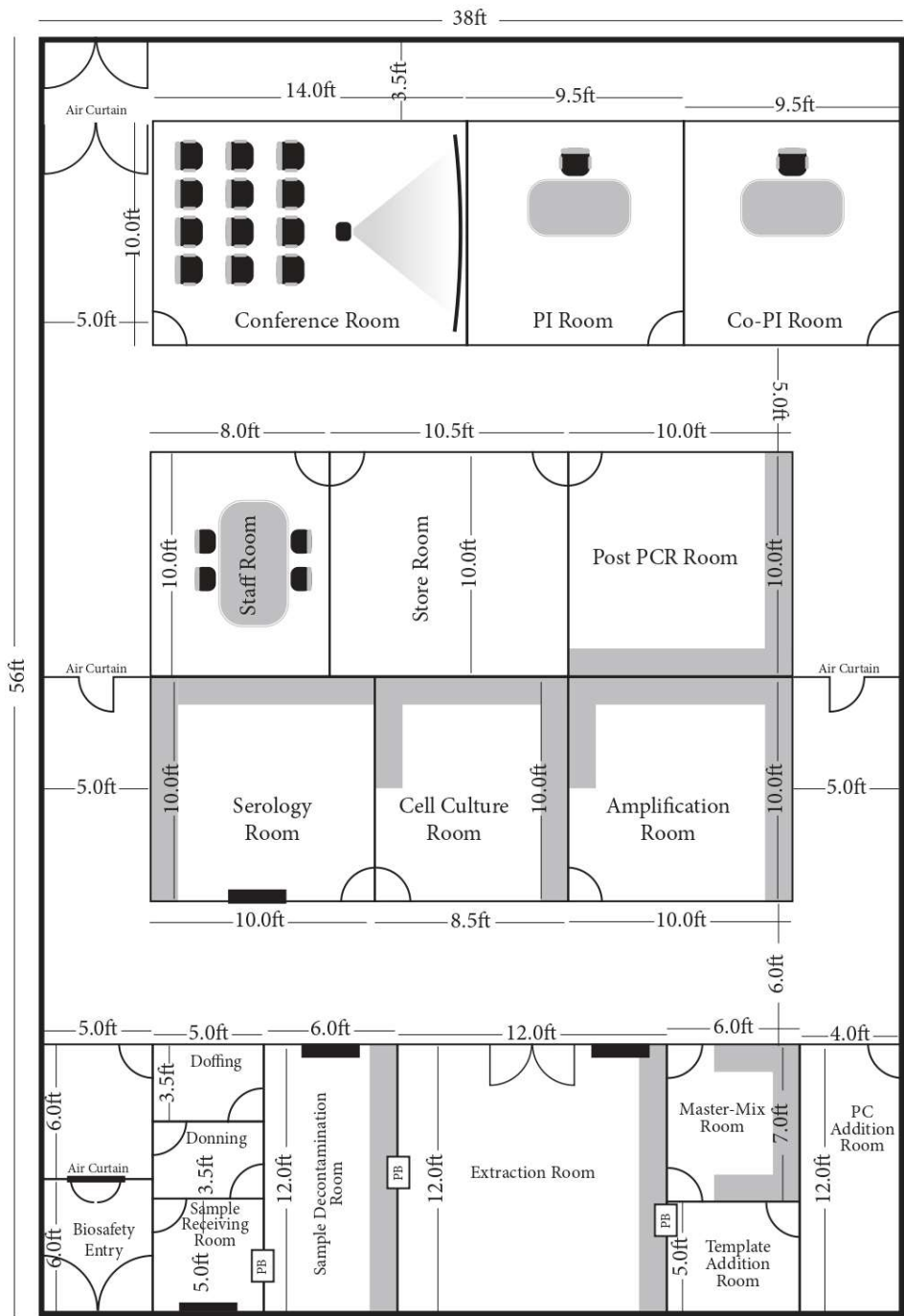
2.	Pre-Painted PPGI Standard ceiling panel	Ceiling work to be perform in sample collection, sample preparation, extraction room approximate 60 sq mt. Pre-painted PKB PPL standard Ceiling panel made up of minimum 0.5 mm thick PPGI pre-painted sheet on both sides to be insulated with infill PUF of density 40±2 kg/m <sup>3</sup> . Color of ceiling panel shall be finalized after approval of user.	60 sq m (Approx)
3.	Clean room door (900 mm x 2100 mm)	GI Powder Coated PKB PPL double skin door with 44 mm leaf thickness made of 0.80 mm GI sheet for door leaf with honeycomb infill and door frame made of minimum 1.20 mm thick GI profile. Accessories included. Dead lock both side key operation, handles 300 mm, door closer, tower bolt, Double glazed view glass 300 x 600 mm, drop down seal, door sea, SS 304 ball bearing hinges, door seal and kick plates upto 300 mm height on push side.	22
4.	Clean room double door (1500 x 2100 mm)	GI Powder Coated PKB PPL double skin door with 44 mm leaf thickness made of 0.80 mm GI sheet for door leaf with honeycomb infill and door frame made of minimum 1.20 mm thick GI profile. Accessories included. Dead lock both side key operation, handles 300 mm, door closer, tower bolt, Double glazed view glass 300 x 600 mm, drop down seal, door sea, SS 304 ball bearing hinges, door seal and kick plates upto 300 mm height on push side.	4
5.	Clean room view panel	GI powder coated double glass fix window. Size is 1000 x 1000 mm.	4
6.	Epoxy Flooring	Epoxy on floor upto 3-4 mm layer with paint with powder coated.	1200 sq ft (Approx)
7.	Air Conditioner	1.5 Ton, 5 Star Rating Split Type Air Conditioners complete with indoor unit (IDU), Outdoor unit (ODU), surface / concealed copper Refrigerant piping with installation	3
8.	Air curtain	Should be high quality Air Curtains, Should be made up of Galvanized Powder Coated Sheets, Should be provide with Hepa filter (0.3 micron) installed above the main Entrance/Door of the lab to restrain the outside air into the laboratory at the time of entry or exit; velocity >18m/s	3
9.	Exhaust fan	In Autoclave room	1
10.	Pass box	Outer Dimension: approx. 2' x 2' x 2' (L×W×H) Main body of system should be made up of SS-304 18 gauge Stainless Steel. It should have audio alarm for opened door. System must have user friendly keyboard/switch light and UV. Should have both side openable and auto lock facility. System should be CE and EN Certified	3

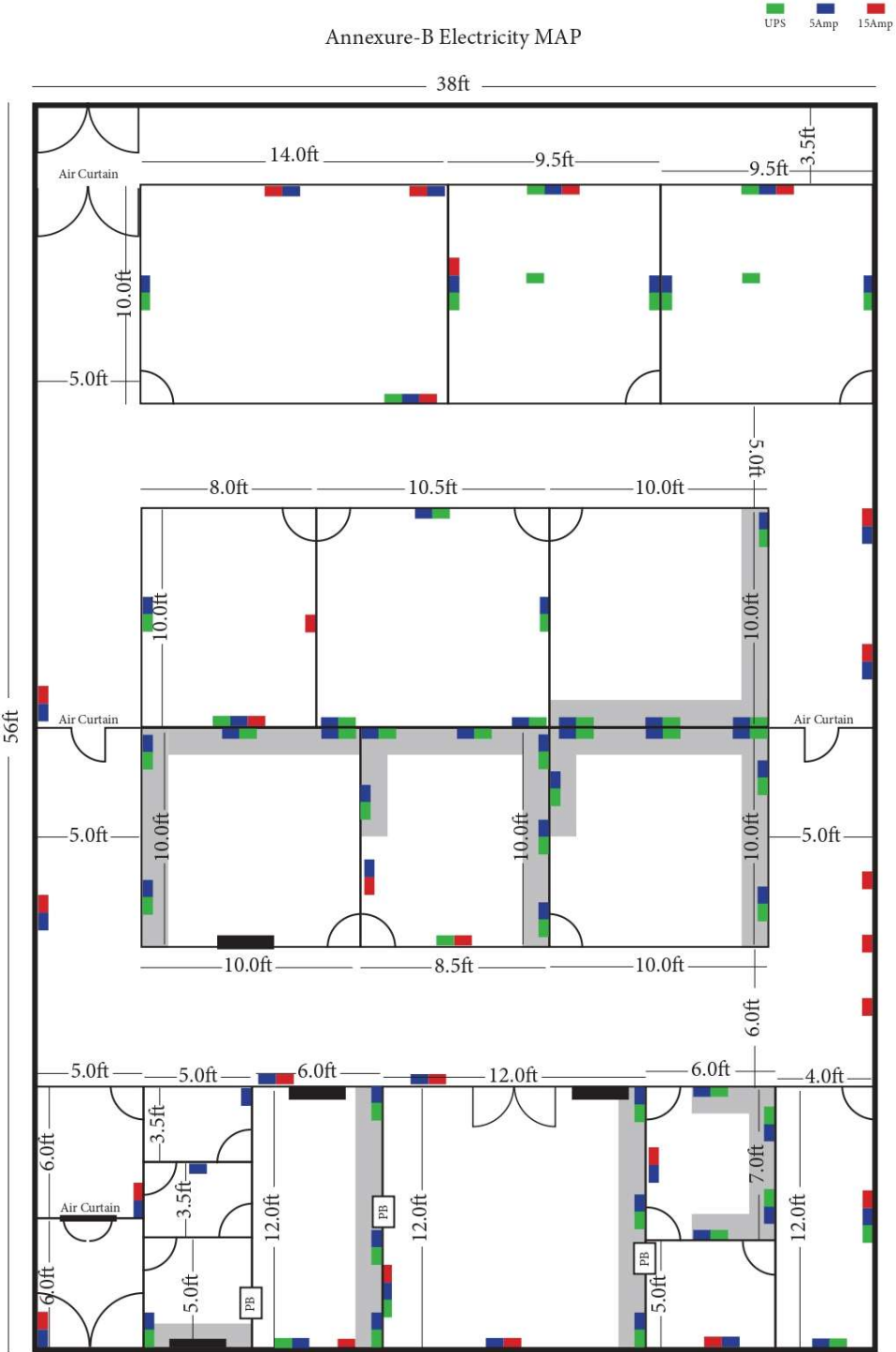
- **Modular furniture:** The following furniture should be supplied and fixed by the bidder.

S. No.	Name of the equipment	Specifications	Qty
1.	Laboratory wall benches with under-bench cabinet	To be installed in all laboratories and reception area. Width- as per furniture layout plan Depth- 750 mm; Height- 750 mm 18-20mm thick granite work top Under bench cabinet with shelves, Fitted Flap Door and auto Closing Hinges.	10 (to be installed as per the furniture plan of the Lab)
2.	Wall sink bench	To be installed in all laboratories as per the layout plan Width-600 mm; Depth- 750mm; Height- 750 mm Sink size- 560 mmx 428 mmx 260 mm with 1 No. fitted with 3 way water faucet	7
3.	Lab Chair	Laboratory Revolving chair, seat and back are made of hot pressed moulded plywood upholstered with foam in seat and back and leatherite tapestry. The Base is made of chrome plated pipe. The seat height adjustment with single knob with gas lift and covered with pipe with foot rest.	10
4.	Modular Workstation	For data-entry room (3), Sample Receipt area (1) and VRDL office (2)	6 (As per layout plan of Data entry room and VRDL office)
5.	Overhead cupboard/ Storage unit Wall mounted	For data-entry room, VRDL office, PCR amplification and Post PCR room Width- as per room layout Depth- 300 mm; Height- 640 mm Should have framed openable glass shutters with hinges and lock	12 (As per layout plan of rooms; To be installed along the available wall space)
6.	Visitor/staff chair	Ergonomically, comfortable visitor chair, the seat and back shall be made-up hot-pressed plywood, upholstered with fabric and moulded polyurethane foam, together with moulded seat and back covers. The seat & back cover is fabric and PVC lipping all around. The one piece armrests are made of black integral skin polyurethane and reinforced with M.S. insert. The bottom frame is made of CRCA pipe with powder coated. Seat size (approx.) - 18.5" (W) 18" (D) Back size-18.5" (W)16"(H) seat to back height.	6
7.	Locker for staff	SS made Locker, Rectangular, Size 6' x 3', Smooth powder coated, 22 gauge thickness, Number of locker = 8, Number of doors, locker size 1.5' x 1.5', Coin lock on every lockers, Corrosion Resistant	1
8.	Almirah	Almirah for change room and VRDL office Floor mounted stainless steel having minimum size: 900 X 500 x 2100, with shutters. Should have 5 number of shelves	2
9.	Shoe Rack	Stainless Steel (thickness 1.2- 2 MM) shoe rack size 900 X 500 X 720 MM 5 layer	1

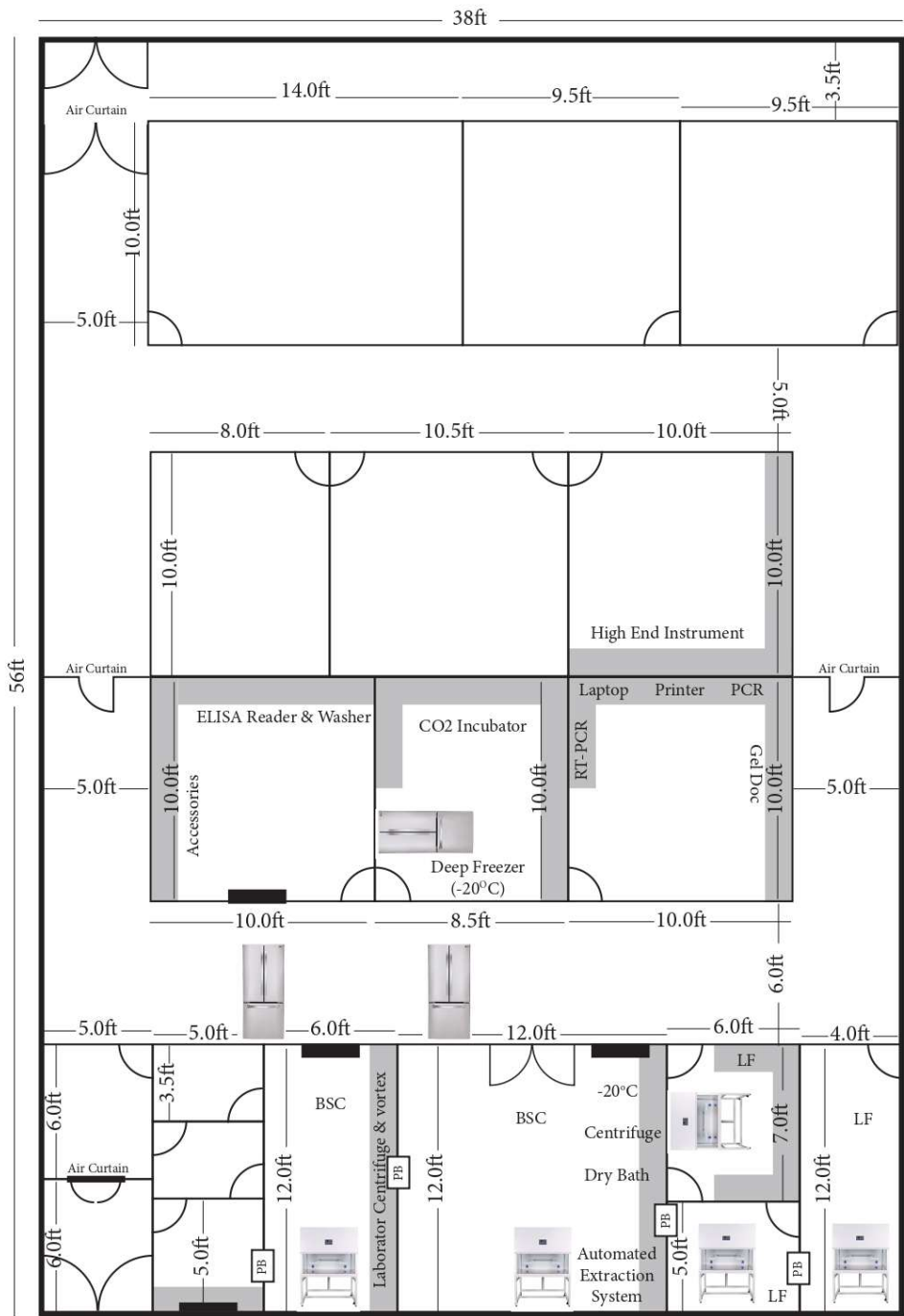
10.	Lab Stool	Height adjustable revolving stainless steel stool Tubular tripod based with stainless steel revolving top four-legged SS base of 25.4 x 14 g ERW tube with Legs fitted with thick high quality nylon grommets Stainless Steel top having 300 mm diameter Height adjustable by rotating SS Top from approx. 480 mm to 650 mm by accurately machined screw mechanism All SS to be of 304/16 grade/gauge	8
11.	Storage Rack	Metal warehouse Storage Rack wall to wall in store area Stainless steel (thickness 2 mm) ware house rack	4 (To be installed as per the store room area)
12.	Wash basin	One in corridor outside doffing area for hand washing of appropriate size with all accessories and three in VRDL office area at different suitable locations.	4

Annexure-A Laboratory MAP





Annexure-C Instrument MAP



## **GENERAL INSTRUCTIONS TO BIDDERS (GIB)**

### **1. Preamble: -**

- a) **Earnest Money Deposit:** EMD amounting to Rs. Rs. 2,95,848 /- (Rupees Two Lakh Ninety Five Thousand Eight Hundred and Fort Eight only) (refundable to unsuccessful bidders after award of the contract) may be furnished in the form of Insurance Security Bonds, Account Payee Demand Draft, Fixed deposit receipt, Bank Guarantee from a commercial bank, may be drawn in the favor of “AIIMS Mangalagiri – Receipts” or bank deposit /transfer to the following Bank Account details (Account no: 38321557910, IFSC-SBIN0061485, A/c Name- AIIMS Mangalagiri – Receipts) or online payment in an acceptable form safeguarding the purchaser’s interest in all aspects with validity of 180 days from date of publishing to be submitted. The EMD should be furnished along with the technical bid.

The Original DD EMD should reach ***O/o Procurement Cell, Room no: 2151 Logistic building, AIIMS Mangalagiri, Guntur -522503*** within the bid submission date and time for the tender. Bids received without EMD or Late will be rejected.

**Exemption:** Firms registered with NSIC/MSME (for sales & Service of Similar Items) are exempted from submission of EMD (subject to the financial limits indicated in the NSIC certificate). Govt. of India/State Government departments/Undertakings are also exempted from EMD. However, the respective firm / departments have to submit the relevant certificate (NSIC/MSME etc.) and financial limit to avail this exemption.

- b) **Eligibility of Bidders:** - Before formulating the tender and submitting the same to the purchaser, the bidder should read and examine all the terms, conditions, instructions, checklist, technical specifications, etc. contained in the Tender documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these tender documents may result in rejection of its tender.
- c) **Language of Tender:** -The tender submitted by the bidder and all subsequent correspondence and documents relating to the tender exchanged between the bidder and the purchaser, shall be written in English language, unless otherwise specified in the Tender Enquiry. However, the language of any printed literature furnished by the bidder in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for purposes of interpretation of the tender, the English translation shall prevail.

The tender submitted by the bidder and all subsequent correspondence and documents relating to the tender exchanged between the bidder and the purchaser, may also be written in the Hindi language, provided that the same are accompanied by English translation, in which case, for purpose of interpretation of the tender etc, the English translations shall prevail.

- d) **Tendering Expenses:** - The bidder shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its tender including preparation, mailing and submission of its tender and for subsequent processing the same. The purchaser will, in no

case be responsible or liable for any such cost, expenditure etc regardless of the conduct or outcome of the tendering process.

2. **Tender currencies:** - The bidder supplying indigenous goods or already imported goods shall quote only in Indian Rupees (INR). Bids, where prices are quoted in any other way shall be treated as non - responsive and will be rejected.
3. **Tender Prices:** - The bidder shall indicate all specified components of prices shown therein on the Price Schedule provided in BoQ including the unit prices, applicable taxes and total bid prices of goods and services. It proposes to supply against the requirement. The entire column shown in BoQ should be filled up as required. Cost per item will be considered for Price evaluation.
4. **Bid validity:** -
  - a. The bids shall remain valid for acceptance for a period of 180 days (One hundred and Eighty days) after the date of tender opening prescribed in the tender document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.
  - b. In exceptional cases, the bidders may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses there to shall be conveyed by email. The bidders, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender.
  - c. In case the day up to which the tenders are to remain valid falls on / subsequently declared a holiday or closed day for the purchaser, the tender validity shall automatically be extended up to the next working day.
5. **Non- responsive tender:** -Non submission of the following is some of the important aspects, for which a tender shall be declared non – responsive during the evaluation and will be ignored:
  - a) Tender Acceptance Form as per Annexure-I (signed & stamped) not uploaded.
  - b) Bid validity is shorter than the required period.
  - c) Required Bid Security (Amount, validity etc.)/ Exemption documents have not been uploaded as per stipulated provisions.
  - d) Bidder has not agreed to give the required performance security of required amount in an acceptable form for due performance of the contract.
  - e) Bidder has not agreed to other essential condition(s) specially incorporated in the Tender document like terms of payment, liquidated damages clause, comprehensive warranty clause, dispute resolution mechanism, and applicable law.
  - f) Poor/unsatisfactory past performance.
  - g) Bidders who stand de-registered/ banned/ blacklisted by any Central Govt. Ministries/ Departments/ Hospitals/Institutes.
  - h) Bidder has not agreed for the delivery terms and delivery schedule.

6. **Discrepancies in Prices:** The Bidder(s) shall quote Rate up-to two decimals only. Bidder(s) to note that only first two decimals shall be considered for evaluation if quotation having more than two decimals.

7. **Price Preference Policy and Exemption for submission of various eligibility Criteria documents to the Bidder Registered under Make in India Initiative: -**

The Bidder Companies, those have registered under Make in India initiative and producing their products under “**Make in India**” Policy of Government of India shall be given Price Preference as per Govt. of India applicable Rules and Guidelines on submission of relevant certificate (i.e. Make In India Certification) for availing the Price Preference and Exemption for submission of exempted documents against this bid along with their Pre-Qualification Bid Documents. If the no bidder will upload/submit the requested “Make in India” Certificate along with their Bid, it will be treated as open tender bid and no preference shall be given to such BIDDER on producing “Make in India” Certification in later bid stage.

**Price preference to “Make in India” product shall be as follows:**

- a. If the “Make in India” product and other products are at the same price range, preference shall be given to “Make in India” product.
- b. If the “Make in India” product is not L1, however it is with in the 5% range of L1 price, option shall be given to the “Make in India” product to match the L1 price and to quote a price lower than L1 vendor.

8. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.

9. **Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders:**

A. **The purchaser’s evaluation of a tender will take into account the following:**

The Purchaser reserves the right to give the price preference to small-scale sectors etc. and purchase preference to central public sector undertakings as per the instruction in vogue while evaluating, comparing and ranking the responsive tenders.

B. **Purchase Preference to Local Suppliers**

In pursuance of Government of India Order no. P-45021/2/2017-B.E.-II dated 15/06/2017 purchase preference shall be given to local suppliers in all procurements undertaken by procuring entities in the manner specified hereunder:

- a. In procurement of goods in respect of which the Nodal Ministry has communicated that there is sufficient local capacity and local competition, and where the estimated value of procurement is Rs. 50 lakhs or less, only local suppliers shall be eligible. If

the estimated value of procurement of such goods is more than Rs. 50 lakhs, the provisions of sub-paragraph b or c, as the case may be, shall apply

- b. In the procurements of goods which are not covered by paragraph (a) above and which are divisible in nature, the following procedure shall be followed:
  - i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
  - ii) If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher 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. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- C. **Exemption of small purchases:** Notwithstanding anything contained in paragraph 1 above, procurements where the estimated value to be procured is less than Rs 5 lakhs shall be exempt from this Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.
- D. **Minimum local content:** The minimum local content shall ordinarily be 50%. The Nodal Ministry may prescribe a higher or lower percentage in respect of any particular item and may also prescribe the manner of calculation of local content.
- E. **Margin of Purchase Preference** The margin of purchase preference shall be 20%

#### 10. Bidder's capability to perform the contract:

- a) The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the bidder, whose tender, has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is more than one schedule in the Schedule of Requirements, then, such determination will be made separately for each schedule.
- b) The above-mentioned determinations will inter-alia take into account the bidder's financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the Tender document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the bidder in its tender as well as such other allied information as deemed appropriate by the purchaser.

**11. Contacting the Purchaser:** In case a bidder attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the bidder shall be liable for rejection in addition to appropriate administrative actions being taken against that bidder, as deemed fit by the purchaser.

#### 12. Purchaser's Right to accept any tender and to reject any or all tenders

The purchaser reserves the right to accept in part or in full any tender or reject any or more tender(s) without assigning any reason or to cancel the tendering process and reject all

tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidders. The Director reserves the right to modify, add or delete any terms & conditions of the contract as and when required.

**13. Scrutiny and Evaluation of Tenders:-**

- a) Tenders will be evaluated on the basis of the terms & conditions already incorporated in the tender document, based on which tenders have been received and the terms, conditions etc. mentioned by the bidders in their tenders.
- b) The Purchaser will examine the Tenders to determine whether they are complete, devoid of computational errors required sureties furnished, and documents signed & duly stamped.
- c) The Tender/Bid will be opened online at <https://eprocure.gov.in/eprocure/app> in the O/o F I/C (Procurement) at AIIMS Mangalagiri Premises at designated bid opening.
- d) Financial bids will be opened only for the Technically qualified bidders.
- e) In incomparable situation, the committee may negotiate price with the technically and financially qualified bidder before awarding the bid. No information of any will be given to individual bidders.

**14. Signing of Contract:** The successful bidder shall execute an agreement for ensuring satisfactory supply, installation, commissioning and the after sales service/support during the comprehensive warranty period and during the Comprehensive Annual Maintenance Contract.

**15. Award Criteria:** The Purchaser will award the contract to the bidder whose bid has been determined to be substantially responsive and who has bided the lowest evaluated bid price.

- a) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract
- b) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the bid validity period. The terms of the accepted bid shall be incorporated in the purchase order. The Director reserves the right to accept or reject any or all tenders without assigning reasons.

**GENERAL TERMS & CONDITIONS**

**1. Pre-Qualification Criteria:**

- a) Bidder should be the manufacturer/authorized dealer/Distributor/Trader/ Supplier. Letter of Authorization from Manufacturer for the same and specific to the tender should be uploaded in the prescribed place.
- b) An undertaking from the original Manufacturer is required stating that they would facilitate the bidder on regular basis with technology/product updates and extend support for the warranty as well. The scanned copy of same to be uploaded (if applicable)

**2. Performance Security: -**

- a) Performance Security may be furnished in the form of Insurance Security Bonds, Account Payee Demand Draft, Fixed deposit receipt, Bank Guarantee from a commercial bank, may be drawn in the favor of “AIIMS Mangalagiri – Receipts” or bank deposit /transfer to the following Bank Account details (Account no: 38321557910, IFSC-SBIN0061485, A/c Name- AIIMS Mangalagiri – Receipts) or online payment in an acceptable form safeguarding the purchaser’s interest in all aspects. In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per Proforma in Section XV, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.
- b) The security deposit can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non – observance of any condition of the contract.
- c) Successful supplier/firm should submit performance Security Deposit as prescribed in favour of “AIIMS, Mangalagiri” and to be received in the *O/o Procurement Cell, Room no: 2151 Logistic building, AIIMS Mangalagiri, Guntur -522503* before the date of commencement of supply or 2 weeks from the date of acceptance of the purchase order, whichever is earlier. The Performance Security Deposit to be furnished in the form of Bank Guarantee as per given Proforma of the tender documents, for an amount covering 3% of the contract value.
- d) Validity of the Performance Security Deposit shall be for a period of 60 days beyond of the warranty period from the date of issue of installation & commissioning

**3. Country of Origin:** All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations. The word “origin” incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.

**4. Sample/Demonstration:**

- i. The tenderer may be asked for demonstrate the material sample as and when required by the Institute for quality evaluation and all the expenses for demonstration will be borne by the tenderer. Purchase will be done only after the approval of the quality of the product by the Competent Authority.
- ii. The firms are intimated that they should get ready for demonstration and only one-week time will be provided for arrangement of demonstration and no request for extending time for demonstration will be entertained. Failure to demonstrate, their offer will be summarily rejected.

**5. Delivery & Installation:** The successful bidder should strictly adhere to the delivery schedule supply of above instruments should be affected within 90 days from the date of purchase order and this clause should be strictly adhere to failing which administrative action

as deemed fit under rules will be taken against the defaulter. Otherwise, Liquidation Damages will be imposed as per clause no. 4. Purchase order will be placed as required by consignee.

- 6. Penalty:** If the suppliers fails to deliver and place any or all the Equipment or perform the service by the specified date as mention in purchase order, penalty at the rate of 0.5% per week of delayed value of goods subject to the maximum of 10% of delayed goods value will be deducted, afterwards another penalty may be imposed.

**7. Penalties for non-performance**

The penalties to be imposed, at any stage, under this tender are;

- a) imposition of liquidated damages,
- b) forfeiture of performance security,
- c) termination of the contract,
- d) Blacklisting/debarring of the bidder.

- 8. Training and Demonstration (If required):** Suppliers needs to provide adequate training and demonstration at AIIMS Mangalagiri to the nominated person of AIIMS Mangalagiri at their cost. AIIMS Mangalagiri will not bear any training or living expenditure in this regard. The Supplier should arrange for regular weekly visit to the AIIMS, Mangalagiri campus by its technical team and assist in maintenance of the item/equipment within warranty period. Assistance limited to locking companies with manufacturer will not be considered sufficient

- 9. Right of Acceptance:** AIIMS, Mangalagiri reserves the right to accept or reject any or all tenders/quotations without assigning any reason there of and also does not bind itself to accept the lowest quotation or any tender. AIIMS, Mangalagiri also reserves the rights to accept all the equipment/instruments in the given tender or only part of it in any given schedule without assigning any reason.

**10. Risk Purchase & Recovery of sums due:**

- a) Failure or delay in supply of any or all items as per Requisition / Purchase Order, Specification or Brand prescribed in the tender, shall be treated as 'non-compliance' or 'breach of contract' and the order in part or full be arranged from alternative source(s) at the discretion of the Competent authority and the difference in price has to be recovered from the tenderer as mentioned elsewhere.
- b) The amount will be recovered from any of his subsequent / pending bills or security Deposit.
- c) In case the sum of the above is insufficient to cover the full amount recoverable, the contractor shall pay to the purchaser, on demand the remaining balance due.

**11. Guarantee/Warranty, CMC, Installation, Service, Maintenance:**

- a) The tenderers must quote for price with onsite 02 years warranty and if applicable 03 years CMC Service, including all accessories and bought out items as mentioned in

schedule of requirement. It is applicable from the date of completion of the satisfactory installation as certified by the stipulated committee/HoD of the Concerned Department.

- b) Equipment down time should never be more than a week. The dealer shall provide a standby machine in case the machine downtime due to repairs is expected to be more than 30 days as the patient services should not be affected.
- c) The equipment and all accessories should be installed, tested and commissioned at the User department, AIIMS Mangalagiri free of cost.
- d) The supplier must train the technical staff and faculty of the institute, regarding all the operations available on the system.
- e) The Warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected.

In the installation report the model number of instrument and all spares' parts/accessories numbers should be in the line of purchase order. And suppliers must be written in the warranty declaration that "everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be completed enough to carry out the experiments, as specified in the tender document." If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges (shipping cost both ways). **Installation must be done within stipulated time period from the date of delivery of the item/ equipment as specified in the purchase order**

- 12. Right to reject:** AIIMS, Mangalagiri reserves all right to reject any tender including of those tenderers who fails to comply with the instructions without assigning any reason whatsoever and does not bind itself to accept the lowest or any specific tender. The decision of this Institute in this regard will be final and binding.
- 13. Option Clause:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50% of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 50% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- 14. Insolvency etc.:** In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Mangalagiri shall have the power to terminate the contract without any prior notice.
- 15. Force Majeure:** If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, exception, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party hall

by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance and deliveries have been so resumed or not shall be final and conclusive. Further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, AIIMS, Mangalagiri party may, at least option to terminate the contract.

- 16. Breach of Contract/Agreement:** In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the contract/agreement without assigning any reasons thereof and nothing will be payable by AIIMS, Mangalagiri. In that event the security deposit shall also stand forfeited.

*False declaration 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*

- 17. Subletting of contract:** The firm shall not assign or sublet the contract or any part of it to any other person or party without having prior permission from AIIMS, Mangalagiri, which will be at liberty to refuse if thinks fit.

**18. Payment Terms:**

- a) **100% payment after receipt and acceptance of material.**
- b) Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.
- c) The supplier shall not claim any interest on payments in any circumstance.
- d) Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
- e) No payment shall be made for rejected Stores. Rejected equipment's must be removed by the supplier within 10 days of the date of issue of rejection advice at their own cost & replace immediately. In case these are not removed these will be auctioned at the risk and responsibility of the suppliers without notice.

**19. Goods & Services Tax:-**

- a) GST rates applicable on your quoted item may please be confirmed.
- b) Please confirm if there any change (Upward/Reduction) in your **Basic Price** structure. And you are also requested to pass the Input Credit as per the following Anti Profiteering Clause of GST. **“Upon Implementation of GST. Any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Mangalagiri by way of commensurate reduction in the prices”**
- c) HSN Code for each item should be clearly mentioned.

**20. Fall Clause:**

- a) Prices charged for supplies under Contract by the supplier should in no event exceed the lowest prices at which he bids to sell or sells the stores of identical description to any other State Government/Central/Public Undertaking during the period of the contract.
- b) If at any time during the period of contract, the prices of tendered items is reduced or brought down by any law or Act of the Central of State government, the supplier shall be bound to inform Purchasing Authority immediately about such reduction in the contracted prices, in case the supplier fails to notify or fails to agree for such reduction of rates, the Purchasing authority will revise the rates on lower side. If there is a price increase for any product after quoting the rates, the bidder will have to supply the item as per quoted rates. This office will not accept any higher rates after wards.
- c) If at any time during the period of contract, the supplier quotes the sale price of such goods to any other State Govt./Central and Pubic Undertakings at a price lower than the price chargeable under the rate contract he shall forthwith notify such reduction to Purchasing Authority and the prices payable under the rate contract for the equipment's supplied from the date of coming into force of such price stands correspondingly reduced as per above stipulation.

Any deviation in the material and the specifications from the accepted terms may liable to be rejected and the suppliers need to supply all the goods in the specified form to the satisfaction/ specifications specified in the Purchase order and demonstrate at the their own cost

**21. Use of contract documents and information**

- a) The supplier shall not, without the purchaser's prior written consent, disclose the contract or any provision thereof including any specification, drawing, sample or any information furnished by or on behalf of the purchaser in connection therewith, to any person other than the person(s) employed by the supplier in the performance of the contract emanating from this Tender document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.
- b) Further, the supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in this tender except for the sole purpose of performing this contract.
- c) Except the contract issued to the supplier, each and every other document mentioned in tender shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier's performance and obligations under this contract.

**22. Assignment:** The bidder shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the Purchaser's prior written permission.

## 23. Sub Contracts

- a) The bidder shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the bidder from any of its liability or obligation under the terms and conditions of the contract.
- b) Sub contract shall be only for bought out items and sub-assemblies.
- c) Sub contracts shall also comply with the provisions of “Country of Origin”.

**24. Signing the Contract:** - The successful bidder shall be required to execute the Contract Agreement accepting all terms and conditions stipulated herein on a non-judicial stamp paper of Rs. 100/- (Rs. One Hundred only) along with performance security within fifteen (15) days from the issue of notification of award. In the event of failure on the part of the successful bidder to sign the Contract within the period stipulated above, the acceptance of BID shall be considered as cancelled.

**25. Corrupt or Fraudulent Practices:** It is required by all concerned namely the Consignee/Bidders/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser defines, for the purposes of this provision, the terms set forth below as follows:-

- a) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; &
- b) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;
- c) will be rejected a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- d) Will be declared a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time it is determined that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

**26.** Bidders are requested to quote their prices on a firm & fixed basis for the entire period of the Contract. Bids of the firms received with prices quoted on variable basis shall be rejected without assigning any reasons and no communication in this regard shall be made.

**27.** The quantity of item given in the tender is tentative, which may be increased or decreased as per the institute’s requirement.

**28.** No escalation in rates on any account will be permitted during the contract period. Also, no

subsidy will be given over the quoted rates.

29. The items will have to be supplied at Institute's designated site. No transportation/ cartage charges will be provided for the same.
30. The Successful Tenderer shall also provide the name and mobile number of a key person, who can be contacted at any time, even beyond the office hours on holidays. The person should be capable of making arrangement for supply of the desired goods even on short notice to AIIMS, Mangalagiri.
31. AIIMS Mangalagiri shall not be responsible for any financial loss or other damages or injury to any time or person deployed/supplied by the bidder in the course of the performing the duties to this office in connection with purchase order/supply order for supplying of reagents.
32. The bidder is required to submit compliance sheet, which should reflect details of clause-by-clause compliance of technical specifications as well as general terms & conditions failing which their offer shall be rejected.

**33. Arbitration / Resolution of disputes:-**

- a) In the event of any dispute or difference(s) between the vendee (AIIMS Mangalagiri) and the vendor(s) arising out of non-supply of material or supplies not found according to the specifications or any other cause what so ever relating to the supply or purchase order before or after the supply has been executed, shall be referred to the Director AIIMS Mangalagiri who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act 1996. The decision of the arbitrator shall be final and binding on both the parties.
- b) If the parties fail to resolve their dispute or difference by such mutual consultation within twenty- one days of its occurrence then, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration

**34. Applicable Law & Jurisdiction of Courts**

- a) The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.
- b) All disputes arising out of this tender will be subject to the jurisdiction of courts of law in Vijayawada/Guntur (Andhra Pradesh, India).

## **INSTRUCTIONS FOR ONLINE BID SUBMISSION**

The Director, AIIMS Mangalagiri, invites E-Bids in Two Bid System (i.e., Technical and Financial Bid) from eligible Manufacturers / Direct Importers/ Authorized distributors by online mode through E-procurement portal <https://eprocure.gov.in/> on mutually agreed terms and conditions and satisfactory performance

More information useful for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in/>

### **1. REGISTRATION**

- a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/> ) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- b) As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- d) Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.
- e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- f) Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.

### **2. SEARCHING FOR TENDER DOCUMENTS**

- a) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- b) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.
- c) The bidder should make a note of the unique Tender ID assigned to each tender; in case they want to obtain any clarification / help from the Helpdesk.

### **3. PREPARATION OF BIDS**

- a) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Any deviations from these may lead to rejection of the bid.
- b) Bidder, in advance, should get the bid documents ready to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- c) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading

such standard documents (e.g. PAN card copy, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### **4. CORRIGENDUM**

- a) At any time prior to the deadline for submission of bids, the purchaser may, for any reason deemed fit, modify the Tender Enquiry Document by issuing suitable Corrigendum to it.
- b) Corrigendum in technical specification issued after pre-bid meeting will be final & no corrigendum will be issued thereafter.
- c) Corrigendum will be notified through <https://eprocure.gov.in/eprocure/app> and website of AIIMS Mangalagiri.

#### **5. SUBMISSION OF BIDS:**

- a) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- c) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and upload it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- d) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- e) All the documents being submitted by the bidders will be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology.
- f) Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys.
- g) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- h) Upon the successful and timely submission of bids (i.e., after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- i) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

**6. ASSISTANCE TO BIDDERS**

- a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- b) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be call directed to the 24x7 CPP Portal Helpdesk.

Institute website: <http://aiimsmangalagiri.edu.in>

E-Tender Portal: <https://eprocure.gov.in/eprocure/app>

For any technical related queries please call at 24 x 7 Help Desk Number

0120-4001 002, 0120-4001 005, 0120-6277 787

Email Support: [cpp-doe@nic.in](mailto:cpp-doe@nic.in) , [support-eproc@nic.in](mailto:support-eproc@nic.in)

Tender queries: [procurement@aiimsmangalagiri.edu.in](mailto:procurement@aiimsmangalagiri.edu.in)

**PRICE BID FORM**

To,

The Director,  
AIIMS Mangalagiri

1. I/We .....submitted the bid for Tender No. ...., dated ..... for “Setting Up of VRDL BSL2 + Lab and Instruments on Turnkey Basis for Microbiology Department at AIIMS Mangalagiri”
2. I/We thoroughly examined and understood instructions to tenders, scope of work, terms & conditions of contract given in the tender document and those contained appendix of Terms & Conditions of contract and agree to abide by them.
3. I/We hereby offer to supply at the following rates. I/We undertake that I/We are not entitled to claim any enhancement of rates on any account during the tenure of the contract.

S.No .	Description of Item	Qty	Basic Amount	GST in Percentage	Total Amount incl All taxes in Rs.
1.	Setting Up of VRDL BSL2 + Lab and Instruments on Turnkey Basis for Microbiology Department at AIIMS Mangalagiri	1 No's			

*Note: Rates are inclusive of all charges like freight, Unloading, Installation, levies, and duties except Service Tax. Service Tax shall be paid as per actual, hence it should be shown separately. “Discount” or extra charges if any mentioned by the bidders shall not be considered unless these are specifically indicated in the price schedule.*

Date

Place

Signature of the Bidder / Authorized signatory Name

Address

Telephone

Seal

Annexure-I

**TENDER ACCEPTANCE LETTER**  
**(To be given on Company Letter Head)**

**Date:**

To,  
The Director,  
AIIMS Mangalagiri

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender / Work: \_\_\_\_\_

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/ Work' from the web site(s) namely: \_\_\_\_\_ as per your advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), technical Specifications etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

**PROFILE OF THE ORGANIZATION/COMPANY/FIRM**  
(To be given on Company Letter Head)

<b>Particulars of the Firm/Company/Agency</b>		
1.	Name of the firm/Company/Agency	
2.	Type of Firm/Company (Individual/ proprietary/ partnership/ public/private/ limited/ if any specify)	
3.	Type of business (Manufacturer/ Authorized Agent/ Consulting company/ if any specify)	
4.	Website	
5.	Year of Establishment	
6.	Permanent Account No (PAN)	
7.	GST Registration Certificate No	
8.	Communication Address	
9.	Email ID	
10.	Telephone/Phone Number	
<b>Particulars of the firm representative</b>		
11.	Name of the contact person	
12.	Designation	
13.	Email ID	
14.	Mobile No.	

Particulars of firm Bank Account		
15.	Name of the account holder / Firm	
16.	Account Number	
17.	Name of the Bank & Branch	
18.	IFSC Code	
19.	MICR code	
20.	Type of account	
21.	Address	
*Please attach a Cancelled Cheque along with the account information form.		

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge responsibility expected or me as a participant under the scheme.

**Certified that the particulars furnished above are correct as per our records.**

**Signature of the Authorized**

Date:

Designation Office Seal of the Bidder)

**MANUFACTURER'S AUTHORISATION FORM**  
**(To be submitted by authorized dealers/representatives/importers)**

No.

Dated:

To

**Director,  
All India Institute of Medical Sciences,  
Mangalagiri – 522503 (Andhra Pradesh, India)**

Dear Sir,

Tender No \_\_\_\_\_ :

1. We ..... (name of the OEM) are the original manufacturers of the above equipment/Items having registered office at ..... (full address with telephone number/fax number & email ID and website), having factories at \_\_\_\_\_ and \_\_\_\_\_, do hereby authorize M/s. \_\_\_\_\_ (Name and address of bidder) to submit tenders, and subsequently negotiate and sign the contract with you against the above tender no.
2. No company or firm or individual other than M/s. \_\_\_\_\_ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.
3. We also hereby undertake to provide full guarantee/warranty /Comprehensive Annual Maintenance Contract as agreed by the bidder in the event the bidder is changed as the dealers or the bidder fails to provide satisfactory after sales and service during such period of Comprehensive Warranty / Comprehensive Annual Maintenance Contract and to supply all the spares/ accessories / consumables etc. during the said period.
4. We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments tendered within the stipulated time.

(Name)  
For and on behalf of M/s. \_\_\_\_\_

Date: \_\_\_\_\_ (Name of manufacturers)

Place:

**Note: This letter of authority should be submitted on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.**

Annexure - IV

**Format for Affidavit of Self Certification regarding Local Content in a Medical Devices to be purchase on Rs. 100/- Stamp Paper.**

I \_\_\_\_\_ S/o,D/o,W/o \_\_\_\_\_

Resident of \_\_\_\_\_ do hereby solemnly affirm and declare as under: P-45021/2/2017-B.E.-II dated 15/06/2017.

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification No:

That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring entity or any authority so nominated by the Department of Pharmaceuticals. Government of India for the purpose of assessing the local content.

That the local content for all inputs which constitute the said medical device has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition norms based on the assessment of an authority so nominated by the Department of Pharmaceutical. Government of India for the purpose of assessing the local content, action will be taken against me as per Oder No. P-45021/2/2017-B.E-II dated 15.06.2017 and Guidelines issued vide letter no. 31026/36/2016-MD dated – 18.05.2018.

I agree to maintain the following information in the company's record for a period of 8 years and shall make this available for verification to any statutory authority.

- i. Name and details of the Domestic Manufacturer (Registered Office, Manufacturing unit location, nature of legal entity).
- ii. Date on which this certificate is issued.
- ii. Medical devices for which the certificate is produced
- iii. Procuring entity to whom the certificate is furnished
- iv. Percentage of local content claimed
- v. Name and contact details of the unit of the manufacturer
- vi. Sale Price of the product
- vii. Ex-Factory Price of the product
- viii. Freight, insurance and handling
- ix. Total Bill of Material
- x. List and total cost value of inputs used for manufacture of the medical device.
- xi. List and total cost of inputs which are domestically sourced Value addition certificates from suppliers. If the input is not in use attached.
- xii. List and cost of inputs which are imported, directly or indirectly.

(Name of firm/ entity)

Authorized signatory (To be duly authorized by the Board of Director)

**POWER OF ATTORNEY**  
**(On a Stamp Paper of relevant value)**

I/ We.....(name and address of the registered office) do hereby constitute, appoint and authorize Sri/Smt ..... (Name and address) who is presently employed with us and holding the position of ..... as our attorney, to act and sign on my/our behalf to participate in the tender no..... for ..... (Equipment /Item name).

I/ We hereby also undertake that I/we will be responsible for all action of Sri/Smt..... Undertaken by him/her during the tender process and thereafter on award of the contract. His / her signature is attested below

Dated this the \_\_\_ day of 20\_ For\_\_\_\_\_

(Name, Designation and Address)

Accepted

\_\_\_\_\_  
(Signature)

(Name, Title and Address of the Attorney)

Date: \_\_\_\_\_

**Format of Experience certificate**

Contract No./Supply order No.	Name of the Purchaser*	Description of work	Qty Supplied	Value of Contract (Rs. In Lakhs)	Date of issue of work order	Stipulated period of completion	Actual date of completion

\* Attach certificate(s) of payments.

Annexure – VII

**AFFIDAVIT**

**(On Non-Judicial Stamp paper of Rs. 100)**

I, \_\_\_\_\_ Son / Daughter / Wife of  
Shri \_\_\_\_\_ resident of \_\_\_\_\_ Proprietor/Director  
authorized signatory of the agency/Firm (M/s \_\_\_\_\_), do hereby solemnly affirm and  
declare as follows:

1. I am authorised signatory of the agency/firm and is competent to sign this affidavit and execute this tender document;
2. I have carefully read and understood entire tender document including all the terms and conditions of the tender and undertake to abide by them;
3. The information / documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.
4. I/We further undertake that no case/enquiry/investigation is pending with the police/court/vigilance or any government body against the Proprietor/Partner/Director etc. as individual or against legal entity of the Company /Firm/Agency.
5. I/We further undertake that none of the Proprietor/Partners/Directors of the Agency/agency was or is Proprietor or Partner or Director of the Agency with whom the Government have banned /suspended/blacklisted business dealings. I/We further undertake to report to the F I/C (Procurement), AIIMS, Mangalagiri immediately after we are informed but, in any case, not later 15 days, if any Agency in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such an Agency which is banned/suspended in future during the currency of the Contract with you.
6. I/We further undertake that our firm/company is fulfilling all the terms and conditions/eligibility criteria obvious/explicit or implied/implicit recorded anywhere in the tender document. If at any time including the currency of the Contract, any discrepancy is found relating to our eligibility or the process of award of the contract criteria, this may lead to termination of contract and/or any other action deemed fit by the Institute.

Date:  
Place:  
Seal of the Agency

(Signature of the  
Bidder)  
Name:  
Designation  
Address:

I/We do hereby solemnly declare and affirm that the above declaration is true and correct to the best of my knowledge and belief. No part of it is false and nothing has been concealed therein.

Deponent

## **ANNUAL TURNOVER STATEMENT**

(At the Letter Head of Chartered Accountant)

I/We have examined the books of account and other relevant records of .....  
(bidding firm name), having its registered office at ..... (full  
address of bidding firm) and do hereby certify that:

(1) Annual gross turnover as per Annual Accounts of the firm for last three years is as under-

Sl. No.	Financial year	Turnover
1.	2021-2022	
2.	2022-2023	
3.	2023-2024	

(2) Average turnover of the firm for last three financial years is Rs. .... .

Signature of CA (with stamp of Firm) .....

Name- .....

(Registration No.- .....)

**(Chartered Accountant)**

**UDIN Number:** .....

Firm name- .....

Proprietor name .....

Signature (with stamp) .....

**Date-** .....

## Annexure – IX

**Deviation Statement Form**

The following are the particulars of deviations from the requirements of the tender Specifications.

S.No	Item Code	Description	Specification as per Tender	Deviation	Remarks (including Justification)

Place :

Date :

Signature and seal of the Bidder

**Note:** Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No deviations”

**CERTIFICATE OF PRICE JUSTIFICATION**  
[To be given on letter head]

Tender No.:

I/We, M/s. \_\_\_\_\_ certify  
that the rates provided are our best rates and we have not given regents to any Government  
Department/PSU/Institution for lesser than these rates in last one year.

**SIGNATURE AND STAMP OF THE BIDDER**

**CHECK LIST FOR TERMS AND CONDITIONS**

A. Checklist of documents to be submitted online:

S. No.	Documents	Uploaded (Yes/No)	Ref. Page No.
a)	Signed and scanned copy of duly attested copy of PAN, GST		
b)	Tender Acceptance Annexure - I		
c)	Profile of organization Annexure – II		
d)	Manufacturer Authorization form Annexure - III		
e)	Copy of duly attested copy of EMD		
f)	Technical Compliance sheet		
g)	MII Local Content Declaration Annexure - IV		
h)	Power of Attorney Annexure - V		
i)	Performance Statement along with PO's as per Annexure - VI		
j)	Non conviction /no pending conviction/ non blacklisting certification issued by Notary on judicial stamp paper for preceding three years Annexure – VII		
k)	Copy of Balance sheets, Turnover and profit loss statements for last three successive years duly certified by the Chartered Accountants. Annexure - VIII		
l)	Deviation Statement Form Annexure - IX		
m)	Certificate of Price Justification Annexure - X		
n)	Attach copy of last three year's Income Tax Return.		