

Foundation for Innovative New Diagnostics
(FIND India)

Limited Tender Enquiry

FOR

**Associated works for TB C-DST Lab at Sri
Venkateshwara Govt. Medical College (SVMC), Tirupati,
Andhra Pradesh under FIND, India Project**

**Bid Ref.No: SAMS/FIND
India/Work/Proc./LT/G/2022/0081/10/2022**

Dated: 08/11/2022



(Procurement Agency)

STRATEGIC ALLIANCE

Management Services Pvt. Ltd.

B-18, Sector-6, NOIDA, G.B. Nagar, Uttar Pradesh - 201301

Email: procurement@samsconsult.com

Website: www.samsconsult.com

Key Information

The Strategic Alliance Management Services Pvt. Ltd. (SAMS) has been engaged by Foundation for Innovative New Diagnostics, India (FIND, India) for providing procurement consultancy services for equipment, goods, works, and services for use in Tuberculosis (TB) Laboratories in National Tuberculosis Elimination Programme (NTEP) across India under Global Fund (GF) Grant. Accordingly, SAMS on behalf of FIND, India is pleased to invite Quotation for associated works for TB C-DST Lab at **Sri Venkateshwara Govt. Medical College (SVMC), Tirupati, Andhra Pradesh under FIND, India Project.**

Procurement Method to be followed for evaluation and selection of agency: **Price-based System – Least Cost Selection (LCS)**

FIND India has introduced an e-Procurement process for sourcing goods and services for its projects in India. As a part of this initiative, FIND has created a Vendor Portal to provide a platform for various vendors to offer their services. A vendor can be a legally registered business entity or an individual. Broadly speaking, this portal provides the following facilities to the vendors:

1. Register with FIND for supplying goods or for providing services.
2. Sign up in a secure manner and manage their access password.
3. Create and manage a profile online.
4. Receive online and email notifications for RFPs for various procurements.
5. Submit electronic bids in response to RFPs issued by FIND.

Vendors are requested to submit their proposals through FIND India E-procurement System only.

If not registered yet, kindly go through the attached “USER MANUAL” pdf below the link, for the process of vendor registration which will provide the guidance for using this vendor portal and onward submission of the proposal.

Please find below the link for vendor registration

<https://procurementindia.finddx.org/Vendor/VendorRegistration.aspx>



FIND_UserManual_V
endorRegistration.pdf

SECTION – I

INSTRUCTIONS TO BIDDERS

A. INTRODUCTION	
1. Documents Establishing conformity of Goods and Services to Bidding Documents	1.1 The Bidder shall furnish as part of its Bid the documentary evidence whichever specified.
2. Qualifications of the Bidder	<p>2.1 The bidder should submit the following supporting documents pertaining to its firm in the technical bid (zipped folder) and meet the qualification requirement as mentioned to qualify the technical assessment:</p> <ul style="list-style-type: none"> (i) Forwarding letter clearly mentioning the authorized signatory, total number of pages, the item quoted, quotation validity undertaking of 3 months, which can be extended on mutual consent. (ii) The authorization letter for an officer of the bidders and verifying his signature, duly signed by the Authorized Signatory of the company/firm. Only such authorized officers of the bidders should sign the tender documents. (iii) Bidders should submit a signed and stamped copy of this RFQ confirming their acceptance for all T&Cs of the tender including Delivery and Payment Terms. (iv) Technical compliance statement of quoted item against required specifications of RFQ, as per format enclosed under work requirement at Annexure-I. (v) Technical Catalogue/brochure of item quoted as per proposed specifications. (vi) Copies of Purchase Orders issued to your firm (at least one) showing experience of the work of similar nature as given in this RFQ over the period of the last three years. Confirmation for acceptance of all Terms & conditions of the RFP (vii) Confirmation for acceptance of bid validity for 90 days.
3. Cost of Bidding	3.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser will in no case be responsible or liable for those costs.
B. THE BIDDING DOCUMENTS	
4. Clarification of Bidding Documents	4.1 A prospective bidder requiring any clarification regarding specification, required services and conditions of contract/agreement, etc. given in the document may submit a written request for clarifications to SAMS by email up to 17:00 hours on 16/11/2022 at procurement@samsconsult.com
C. PREPARATION OF BIDS	
5. Documents Constituting the Bid & Bid Submission	5.1 The Bid shall comprise a single zip folder containing the technical bid that will be uploaded to the procurement software.

	<p>5.2 At first, the documents listed in ITB Para 5.4 below shall be evaluated by the Purchaser as per the qualification criteria specified in the ITB para 2. The Bids which do not conform to the specified requirements will be rejected as technically non-responsive / disqualified Bids.</p> <p>5.3 Thereafter, the Price Bids uploaded in the procurement software by all technically qualified bidders, shall be evaluated and compared by the Purchaser. A contract shall be awarded to the Bidder who has been determined to be the lowest evaluated substantially responsive Bidder.</p> <p>5.4 The Technical Bid submitted by the Bidder shall comprise the following:</p> <ol style="list-style-type: none"> 1. Forwarding letter clearly mentioning the authorized signatory, total number of pages, the item quoted, quotation validity undertaking of 3 months, which can be extended on mutual consent. 2. The authorization letter for an officer of the bidders and verifying his signature, duly signed by the Authorized Signatory of the company/firm. Only such authorized officers of the bidders should sign the tender documents. 3. Bidders should submit a signed and stamped copy of this RFQ confirming their acceptance for all T&Cs of the tender including Delivery and Payment Terms. 4. Technical compliance statement of quoted item against required specifications of RFQ, as per format enclosed under work requirement at Annexure-I. 5. Technical Catalogue/brochure of item quoted as per proposed specifications. 6. Copies of Purchase Order issued to your firm (at least one) showing experience of the work of similar nature as given in this RFQ over the period of the last three years. Confirmation for acceptance of bid validity for 90 days 7. Confirmation of delivery timeline <p>5.5 The Financial Bid should be submitted in the price format provided in the Procurement software.</p> <p>Note: Please refer to important instructions for bid submission & filling data in procurement software.</p>
6. Bid Prices	<p>6.1 The Bidder shall indicate on the Price Schedule as per the price format in the procurement software.</p> <p>6.2 The prices quoted by the bidder should be on a firm and fixed basis during the performance of the contract, except for duties and taxes on finished goods. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.</p>
7. Currencies of Bid	<p>7.1 Prices shall be quoted in Indian Rupees only.</p>

8. Period of Validity of Bids	<p>8.1 Bids shall remain valid for the period of 90 days after the date of bid submission specified in the document.</p> <p>8.2 In exceptional circumstances, prior to the expiry of the original bid validity period, the Purchaser may request that the Bidders extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing.</p>
9. Alternative Proposals by Bidders	<p>9.1 Alternative bids shall not be accepted. The bidder should not submit more than one bid.</p>
10. Format and Signing of Bid	<p>10.1 The Bidder shall submit the online bids as per the instruction provided in the e-procurement portal of FIND India.</p> <p>10.2 The bids consisting of the documents listed in this document shall be typed and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract.</p> <p>10.3 Any interlineations, erasures, or overwriting to correct errors made by the Bidder should be initiated by the person or persons signing the bid.</p>
D. Submission of Bids	
11. Sealing and Marking of Bids	<p>11.1 Bidders need to submit their bids through procurement software. Under the two Bid System, the bidder shall submit their bids following the single bid system comprising of: -</p> <p>Technical bid (in a ZIP folder) consisting of all technical details along with commercial terms and conditions; and containing all the relevant documents listed in para 5.4.</p> <p>Financial bid -as per price format in the procurement software.</p>
12. Deadline for Submission of Bids	<p>12.1 Bids must be submitted online before the given deadline i.e. 15:00 hours on 24/11/2022 by Procurement software through registered vendor id.</p> <p>12.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids.</p>
13. Modification and Withdrawal of Bids	<p>13.1 The bids can't be withdrawn or altered after the due date and time for the submission of bids.</p>
E. OPENING AND EVALUATION OF BIDS	
14. Bid Opening	<p>14.1 The financial bids shall be opened by the Bid Opening Committee, through an online platform, by the Purchaser in the presence of the Bidders' authorized representatives who choose to be present, enabling them to participate in the proceedings. Details of the same will be shared with the technically qualified bidders.</p> <p>The Bidder's attendance at the opening of the proposal is optional and is at the Bidder's choice.</p>

15. Clarification of Bids	<p>15.1 During the evaluation of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted, except to correct arithmetic errors identified by the Purchaser in the evaluation of the bids.</p>
16. Examination of Technical Bids and Determination of Responsiveness	<p>16.1 The Purchaser's determination of the responsiveness of a Technical Proposal is to be based on the contents of the Technical Proposal itself.</p> <p>16.2 The Purchaser will examine the technical bids to determine whether they are complete, whether the documents have been properly signed, and whether the bids are generally in order.</p> <p>16.3 The Purchaser may waive any minor informality, nonconformity, or irregularity in a bid that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.</p>
17. Evaluation and Comparison of Bid (Refer Para 2 and 5.4 also for same)	<p>Preliminary Evaluation of Bids</p> <ol style="list-style-type: none"> The Purchaser shall examine the Technical Proposal to confirm that all documents and technical documentation requested in RFQ have been provided, and to determine the completeness of each document submitted. The Purchaser shall confirm that the required documents and information have been provided in the Technical Proposal. Likewise, following the opening of Price Proposals, the Purchaser shall examine the Price Proposals to confirm that all documents and financial documentation have been provided and to determine the completeness of each document submitted. <p>Documents required for Preliminary examination</p> <ul style="list-style-type: none"> Forwarding letter clearly mentioning the authorized signatory, total number of pages, the model quoted, quotation validity undertaking of 3 months, which can be extended on mutual consent. The authorization letter for an officer of the bidders and verifying his signature, duly signed by the authorized signatory of the company/firm. Only such authorized officer of the bidders should sign the tender documents. Bidders should submit signed and stamped copy of this RFQ confirming their acceptance for all terms and conditions (T&Cs) of the tender including delivery and payment terms. <p>Technical Evaluation</p> <ul style="list-style-type: none"> The purchaser will technically evaluate all quotation determined to be responsive after preliminary examination.

	<ul style="list-style-type: none"> • Thereafter quotation of substantially technical responsive and acceptable will be compared to determine lowest evaluated responsive bidder. • Documents required for <u>Technical Evaluation and Post Qualification:</u> • Technical compliance statement of quoted item against required specifications of RFQ, as per format enclosed under repair requirement at Annexure-I. • Please specify make/model of each item quoted as per proposed specifications. • Copies of purchase order issued to your firm (at least one) showing experience of the supplies of similar nature as given in this RFQ over the period of last three years. <p>Evaluation of Price Bids</p> <ol style="list-style-type: none"> a. The Purchaser shall evaluate Price Proposals of each Bid for which the Technical Proposal has been determined to be responsive. b. The Purchaser's evaluation of a bid will take into account the total cost of the requirement inclusive of all duties, transportation cost, taxes, and other charges on DDP- final destination basis c. The contract shall be awarded only to the bidder who is substantially technically responsive lowest bidder. d. The Purchaser shall compare all substantially responsive bids to determine the lowest evaluated bid.
F. AWARD OF CONTRACT	
18. Award Criteria	18.1 The purchaser will award the Contract to the Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid for all the items.
19. Purchaser's Right to Accept Any Bid and to Reject Any or All Bids	19.1 The Purchaser reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or Bidders. No reason for such action of Purchaser shall be given.
20. Purchaser's right to vary quantities during the currency of the contract	20 The purchaser reserves the right to increase or decrease the quantity of goods by 25% during the contract period.

SECTION II. General Conditions of Contract/Order

1. Work Completion Schedule	1.1 The associated works for TB C-DST Lab as mentioned in the tender should be completed within 45 days of receipt of the final order.
2. Payment Terms	<p>2.1 The method and conditions of payment to be made to the Supplier under this tender, shall be as follows:</p> <p>The 100% payment would be made after submission of claim along with Work Completion Certificate issued by the authorized representative of the Institute specifying the details and actual quantification of the materials used for Work as per the Purchase Order. after submission of following documents (two copies – One original and one duplicate copy): -</p> <p>a. Commercial invoice, indicating the SAMS as the Purchaser on behalf of the FIND India, the PO number; Goods description, quantity, unit price, and total amount. Invoices must be signed in original and stamped or sealed with the company stamp/seal.</p>
3. Prices	3.1 Prices charged by the Bidder for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Bidder in its bid for the duration of the Contract. Prices shall be fixed and firm for the duration of the Contract. However, GST (as and when applicable) payable shall be paid as applicable at the time of supply.
4. Liquidated Damages	4.1 If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the contract prices as liquidated damages, a sum equivalent to the 0.01 percent per day of the delivered price of the delayed Goods or unperformed Services for each delay until actual delivery or performance, up to a maximum deduction of the 10 percent of the value of delayed work.
5. Jurisdiction	5.1 All disputes arising out of the contract shall be subject to the jurisdiction of the appropriate court in New Delhi, India, only.

Section - III

WORK REQUIREMENT AND TECHNICAL COMPLIANCE STATEMENT

Civil, Electrical & Plumbing work requirements for various other sections of TB culture and DST Lab, SVRR Medical College and Hospital, Tirupati, Andhra Pradesh

Room wise activities to be undertaken

Room 1 (Proposed Staff Room):

- Area: 7 feet 10 Inches (L) x 6 feet (W)
- Proposed room to be made of aluminum glass partition
- Creation of room with glass aluminum wall partition with proper gasketing measuring up to gypsum false ceiling height of height 8' from the floor level (8'x7'10")
- Creation of 1 no. of glass aluminum door with proper gasketing and lock & key system (3'x7') Provision of automatic door closure for glass aluminium door
- Complete putty, whitewash and painting of existing permanent walls and ceiling area
- Gypsum false ceiling at a height of 8 feet above the floor level (7'10"x6")
- Supply and installation of 1 number of split AC of capacity 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer
- Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 2 nos. of LED light of the required capacity with necessary wiring
- Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.
- Supply and Installation of office table of 5'(L)x3'(W)
- Providing and supplying of 6 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded, 360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry up to with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.

Room 2 (Proposed Microbiologist Room):

- Area: 7 feet 10 inches (L) X 5 feet 2 Inches (W)
- Proposed room to be made of aluminum glass partition
- Complete putty, whitewash and painting of existing permanent walls and ceiling area
- Gypsum false ceiling at a height of 8 feet above the floor level (7'10"x5'2")
- Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer
- Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.

- Installation of 4 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 2 nos. of LED light of the required capacity with necessary wiring
- Supply and Installation of desktop table of 4'(L)x3'(W)
- Providing and supplying of 3 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry up to with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.

Room 3: (Proposed CBNAAT Room):

- Area: 11 feet 6 inches (L) x 5 feet (W)
- Construction of a brick wall partition of 6 inches including flooring work in between the Room no 1,2 and 3 measuring (10"x11'6"x.5)
- Covering of the brick wall partition as well as existing walls of the room with vitrified tiles including levelling, jointing and finishing up to the height of 4 feet from the floor level(4'x11'6") +(4'x5) at 2 walls each Creating an opening for the door of the CBNAAT room in the existing wall
- Supply and installation of 1 no. of glass aluminum door with proper gasketing measuring(3'x7') with door closure mechanism with and lock & key system in the existing wall Provision of automatic door closure for glass aluminium door
- Gypsum false ceiling at a height of 8 feet above the floor level(11'6"x5')
- Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer
- Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 3 nos. of LED light of the required capacity with necessary wiring
- Supply and installation of 1 number of work benches of 5' length & 2'6" width & 2'6" Height need to be provided. Frame shall be made up of SS 304, with nylon cushion/bushing for the legs, non-particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold the granite top/workbench as well as equipment places on the workbench. It should be stable and vibration free. There shall have arrangement for placing the UPS below the work bench

Room 8 (Proposed LIMS & Data Entry Operator, Documentation and Record Room):

- Area: 8 feet 4 Inches (L) X 8 feet (W)
- Proposed room to be made of Aluminum Glass partition
- Complete putty, whitewash and painting of existing permanent walls and ceiling area also for proposed for cold room as indicated in the layout
- Supply and installation of a glass aluminium door with proper gasketing measuring(3'x7') with door closure mechanism with and lock & key system in the existing wall
- Automatic door closure for glass aluminium door

- Gypsum false ceiling at a height of 8 feet above the floor level(16'x8'4")
- Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer
- Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.
- Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 6os. of LED light of the required capacity with necessary wiring
- Supply and installation of 1 number of work benches of 8' length & 2'6" width & 2'6" Height need to be provided. Frame shall be made up of SS 304, with nylon cushion/bushing for the legs, non-particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold the granite top/workbench as well as equipment places on the workbench. It should be stable and vibration free. There shall have arrangement for placing the UPS below the work bench

Room 20 (Proposed Storeroom):

- Area: 17 feet 4 Inches (L) x 4 feet 9 inches (W)
- Existing interior of Toilet no.4 in the existing layout of dimension (6'8"x4'9") to be removed along with the door and a single storeroom to be created as indicated in the layout
- Reflooring of area of demolished toilet with vitrified tiles including levelling, jointing, and finishing measuring (6'8"x 4'9")
- Creation of brick wall partition of 6 inches including flooring work measuring (7'3"x10') to separate room no. 20 from room no. 21
- Creation of glass aluminum door with proper gasketing measuring(3'x7')
- Automatic door closure for glass aluminium door
- Complete putty, whitewash and painting of existing permanent walls and ceiling area
- Supply and installation of 1 number of split AC of 2 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer
- MCB of 25 Amp, wall/column to mounted with earthing terminals and provision for incoming and outgoing cable terminals (for split AC 1 No)
- Installation of 2 nos. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.
- Installation of 2 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 4 nos. of LED light of the required capacity with necessary wiring
- Supply and installation of slotted angled racks (4 units)
 - Dimension: 3'6" (L)x 1'6" (W) x 6'(H)
 - Material:18 Gauge Iron with anti-rusting coating
 - Adjustable 4 shelves for each rack
 - Plastic/ Rubber/ Neoprene Shoes
 - Bolts and nuts as required for fitting of shelves
 - Scratch resistance smooth finish

Room 21 (Proposed Staining Room)

- Area: 7 feet 3 inches (L) x 5 feet 6 inches (W)
- Proposed room to be made of Aluminum Glass partition
- Creation of room with glass aluminum wall partition with proper gasketing measuring up to gypsum false ceiling height of the floor (7'3"x8') +(5'6"x8')
- Complete putty, whitewash and painting of existing permanent walls and ceiling area
- Creation of 1 no. of glass aluminum door with proper gasketing measuring(3'x7')
- Automatic door closure for glass aluminium door
- Gypsum false ceiling at a height of 8 feet above the floor level(7'3"x5'6")
- Construction of 1 number workbench with brick and mortar with granite top) of 5 feet (L) X 2 feet (W)X 3 feet (H) with staining station (Wash basin) to be matched with the cemented slab) with all plumbing works including proper drainage facility.
- wash basin specification in the staining workbench (white vitreous China square with sufficient depth) with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting, and making good the walls wherever require with proper drainage facility.
- Construction of work bench of dimension 5' (L) and 2'6"" (w) with a height of 2'6"" made of brick and mortar with granite top
- Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.
- Installation of 2 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 2 nos. of LED light of the required capacity with necessary wiring

Room 22 (Proposed Microscopy Room)

- Area: 7 feet 3 inches (L) x 6 feet
- Proposed room to be made of Aluminum Glass partition
- Creation of room with glass aluminum wall partition with proper gasketing measuring up to gypsum false ceiling height from the floor (7'3"x8') +(6'x8')
- Complete putty, whitewash and painting of existing permanent walls and ceiling area
- Creation of 1 no. of glass aluminum door with proper gasketing measuring(3'x7')
- Automatic door closure for glass aluminium door
- Gypsum false ceiling at a height of 8 feet above the floor level(7'3"x6')
- Construction of 1 number workbench with brick and mortar with granite top) of 5 feet (L) X 2 feet (W)X 3 feet (H)
- Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.
- Installation of 3 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 2 nos. of LED light of the required capacity with necessary wiring

Room 23 (Proposed sample reception room)

- Area: 7 feet 3 inches (L) x 4 feet 7 inches (W)
- Proposed room to be made of Aluminum Glass partition
- Creation of Glass aluminum wall partition with proper gasketing measuring (8'x4'7")
- Creating an opening for the sample reception window of the room in the existing wall
- Installation of sliding sample reception window made up of Aluminum (2'6"x2'6")

- Complete putty, whitewash and of existing permanent walls of the sample reception room of area ((4'7"x8') +(7'3"x8')) and for adjoining existing walls and ceiling area of the corridor to room no. 21,22 and 23 needs to be done
- Creation of 1 glass aluminum door with proper gasketing measuring(3'x7)
- Automatic door closure for glass aluminium door
- Gypsum false ceiling at a height of 8 feet above the floor level(7'3"x4'7")
- Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.
- Creation of Workbench of size 4' (L) x 2'6" (W) x 3' (H) of brick and mortar with a granite top
- Providing and supplying of 1 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.
- Installation of 2 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 2 nos. of LED light of the required capacity with necessary wiring

Corridor and UPS area

- Installation of 3 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout
- Installation of 6 nos. of LED light of the required capacity with necessary wiring
- Installation of 3 nos. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation
- Supply and installation of 1 number of split AC of 1.5 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer
- Installation of 1 number of wall fan to be installed with all with all accessories including wiring for completing installation near the UPS area

Note: Layouts of Lab enclosed at Annexure II

Technical Compliance Statement Format

Civil, Electrical & Plumbing work requirement for various other sections of TB culture and DST Lab, SVRR Medical College and Hospital, Tirupati, Andhra Pradesh

Room wise activities to be undertaken

Bid Technical Specification (Main)	Bidder's Specification (technical compliance/ Deviation, if any)
<u>Room 1 (Proposed Staff Room):</u>	
Area: 7 feet 10 Inches (L) x 6 feet (W)	
Proposed room to be made of aluminum glass partition	
Creation of room with glass aluminum wall partition with proper gasketing measuring up to gypsum false ceiling height of height 8' from the floor level (8'x7'10")	
Creation of 1 no. of glass aluminum door with proper gasketing and lock & key system (3'x7')	
Provision of automatic door closure for glass aluminium door	
Complete putty, whitewash and painting of existing permanent walls and ceiling area	
Gypsum false ceiling at a height of 8 feet above the floor level(7'10x6')	
Supply and installation of 1 number of split AC of capacity 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer	
Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 2 nos. of LED light of the required capacity with necessary wiring	
Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	
Supply and Installation of office table of 5'(L)x3'(W)	
Providing and supplying of 6 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.	

Room 2 (Proposed Microbiologist Room):	
Area: 7 feet 10 inches (L) X 5 feet 2 Inches (W)	
Proposed room to be made of aluminum glass partition	
Complete putty, whitewash and painting of existing permanent walls and ceiling area	
Gypsum false ceiling at a height of 8 feet above the floor level(7'10"x5'2")	
Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer	
Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	
Installation of 4 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 2 nos. of LED light of the required capacity with necessary wiring	
Supply and Installation of desktop table of 4'(L)x3'(W)	
Providing and supplying of 3 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.	
Room 3: (Proposed CBNAAT Room):	
Area: 11 feet 6 inches (L) x 5 feet (W)	
Construction of a brick wall partition of 6 inches including flooring work in between the Room no 1,2 and 3 measuring (10"x11'6"x.5)	
Covering of the brick wall partition as well as existing walls of the room with vitrified tiles including levelling, jointing and finishing up to the height of 4 feet from the floor level(4'x11'6") +(4'x5) at 2 walls each Creating an opening for the door of the CBNAAT room in the existing wall	
Supply and installation of 1 no. of glass aluminum door with proper gasketing measuring(3'x7') with door closure mechanism with and lock & key system in the existing wall	
Provision of automatic door closure for glass aluminium door	
Gypsum false ceiling at a height of 8 feet above the floor level(11'6"x5')	
Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer	
Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	

Installation of 3 nos. of LED light of the required capacity with necessary wiring	
Supply and installation of 1 number of work benches of 5' length & 2'6" width & 2'6" Height need to be provided. Frame shall be made up of SS 304, with nylon cushion/bushing for the legs, non-particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold the granite top/workbench as well as equipment places on the workbench. It should be stable and vibration free. There shall have arrangement for placing the UPS below the work bench	
<u>Room 8 (Proposed LIMS & Data Entry Operator, Documentation and Record Room):</u>	
Area: 8 feet 4 Inches (L) X 8 feet (W)	
Proposed room to be made of Aluminum Glass partition	
Complete putty, whitewash and painting of existing permanent walls and ceiling area also for proposed for cold room as indicated in the layout	
Supply and installation of a glass aluminium door with proper gasketing measuring(3'x7') with door closure mechanism with and lock & key system in the existing wall	
Automatic door closure for glass aluminium door	
Gypsum false ceiling at a height of 8 feet above the floor level(16'x8'4")	
Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer	
Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	
Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 6 nos. of LED light of the required capacity with necessary wiring	
Supply and installation of 1 number of work benches of 8' length & 2'6" width & 2'6" Height need to be provided. Frame shall be made up of SS 304, with nylon cushion/bushing for the legs, non-particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold the granite top/workbench as well as equipment places on the workbench. It should be stable and vibration free. There shall have arrangement for placing the UPS below the work bench	
<u>Room 20 (Proposed Storeroom):</u>	
Area: 17 feet 4 Inches (L) x 4 feet 9 inches (W)	
Existing interior of Toilet no.4 in the existing layout of dimension (6'8"x4'9") to be removed along with the door and a single storeroom to be created as indicated in the layout	
Reflooring of area of demolished toilet with vitrified tiles including levelling, jointing, and finishing measuring (6'8"x 4'9")	
Creation of brick wall partition of 6 inches including flooring work measuring (7'3"x10') to separate room no. 20 from room no. 21	
Creation of glass aluminum door with proper gasketing measuring(3'x7')	

Automatic door closure for glass aluminium door	
Complete putty, whitewash and painting of existing permanent walls and ceiling area	
Supply and installation of 1 number of split AC of 2 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer	
MCB of 25 Amp, wall/column to mounted with earthing terminals and provision for incoming and outgoing cable terminals (for split AC 1 No)	
Installation of 2 nos. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	
Installation of 2 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 4 nos. of LED light of the required capacity with necessary wiring	
<ul style="list-style-type: none"> • Supply and installation of slotted angled racks (4 units) • i. Dimension: 3'6" (L)x 1'6" (W) x 6'(H) • ii. Material: 18 Gauge Iron with anti-rusting coating • iii. Adjustable 4 shelves for each rack • iv. Plastic/ Rubber/ Neoprene Shoes • v. Bolts and nuts as required for fitting of shelves vi. Scratch resistance smooth finish 	
Room 21 (Proposed Staining Room)	
Area: 7 feet 3 inches (L) x 5 feet 6 inches (W)	
Proposed room to be made of Aluminum Glass partition	
Creation of room with glass aluminum wall partition with proper gasketing measuring up to gypsum false ceiling height of the floor (7'3"x8') +(5'6"x8')	
Complete putty, whitewash and painting of existing permanent walls and ceiling area	
Creation of 1 no. of glass aluminum door with proper gasketing measuring(3'x7')	
Automatic door closure for glass aluminium door	
Gypsum false ceiling at a height of 8 feet above the floor level(7'3"x5'6")	
Construction of 1 number workbench with brick and mortar with granite top) of 5 feet (L) X 2 feet (W)X 3 feet (H) with staining station (Wash basin) to be matched with the cemented slab) with all plumbing works including proper drainage facility.	
wash basin specification in the staining workbench (white vitreous China square with sufficient depth) with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting, and making good the walls wherever require with proper drainage facility.	
Construction of work bench of dimension 5' (L) and 2'6" (w) with a height of 2'6" made of brick and mortar with granite top	
Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	

Installation of 2 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 2 nos. of LED light of the required capacity with necessary wiring	
<u>Room 22 (Proposed Microscopy Room)</u>	
Area: 7 feet 3 inches (L) x 6 feet	
Proposed room to be made of Aluminum Glass partition	
Creation of room with glass aluminum wall partition with proper gasketing measuring up to gypsum false ceiling height from the floor (7'3"x8') +(6'x8')	
Complete putty, whitewash and painting of existing permanent walls and ceiling area	
Creation of 1 no. of glass aluminum door with proper gasketing measuring(3'x7')	
Automatic door closure for glass aluminium door	
Gypsum false ceiling at a height of 8 feet above the floor level(7'3"x6')	
Construction of 1 number workbench with brick and mortar with granite top) of 5 feet (L) X 2 feet (W)X 3 feet (H)	
Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	
Installation of 3 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 2 nos. of LED light of the required capacity with necessary wiring	
<u>Room 23 (Proposed sample reception room)</u>	
Area: 7 feet 3 inches (L) x 4 feet 7 inches (W)	
Proposed room to be made of Aluminum Glass partition	
Creation of Glass aluminum wall partition with proper gasketing measuring (8'x4'7")	
Creating an opening for the sample reception window of the room in the existing wall	
Installation of sliding sample reception window made up of Aluminum (2'6"x2'6")	
Complete putty, whitewash and of existing permanent walls of the sample reception room of area ((4'7"x8') +(7'3"x8')) and for adjoining existing walls and ceiling area of the corridor to room no. 21,22 and 23 needs to be done	
Creation of 1 glass aluminum door with proper gasketing measuring(3'x7')	
Automatic door closure for glass aluminium door	
Gypsum false ceiling at a height of 8 feet above the floor level(7'3"x4'7")	
Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.	
Creation of Workbench of size 4' (L) x 2'6" (W) x 3' (H) of brick and mortar with a granite top	
Providing and supplying of 1 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary	

beading wherever required. All metal work shall be Epoxy Polyester Powder coated.	
Installation of 2 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 2 nos. of LED light of the required capacity with necessary wiring	
<u>Corridor and UPS area</u>	
Installation of 3 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout	
Installation of 6 nos. of LED light of the required capacity with necessary wiring	
Installation of 3 nos. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation	
Supply and installation of 1 number of split AC of 1.5 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer	
Installation of 1 number of wall fan to be installed with all with all accessories including wiring for completing installation near the UPS area	

Price Bid Forms

[The Bidder shall fill in the Price Schedule Form for Goods in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List of Goods specified by the Purchaser in the below table and may be appropriately modified as per requirement of particular Goods].

Form FIN 1 : Lump sum Contract Price

Description	Costs (inclusive of all applicable taxes i.e. GST)	Total Cost (inclusive of all applicable taxes (i.e. GST)
Cost of Financial Bid for Associated works for TB C-DST Lab at Sri Venkateshwara Govt. Medical College (SVMC), Tirupati, Andhra Pradesh Note: Cost quoted should match with the total Cost as per Form FIN-2: Priced Bill of Quantity	_____	_____
TOTAL BID PRICE =		_____

Form FIN-2 Cost of Works
(To be submitted with Price bid only)

Bidders shall submit detailed workings of Lump Sum Contract Price Associated works for TB C-DST Lab at Sri Venkateshwara Govt. Medical College (SVMC), Tirupati, Andhra Pradesh. The total price mentioned in the table below should coincide with the Price Component as given in FIN-1.

Description of work			Total Cost						
Sl. No.	Works to be carried out	Specifications with capacity (wherever applicable) and warranty as specified by Manufacturer Proposed Makes / Manufactures	Proposed Makes / Model/ Manufactures (wherever applicable)	Unit	Qty. (a)	Unit Price, (b)	Total Price, (c) = (a) x (b)	GST, as applicable (d)	Total Price, inclusive taxes (e)=(c) + (d)
Room 1 (Proposed Staff Room):									
1	Creation of glass aluminium wall partition with proper gasketing measuring upto gypsum false ceiling height of 8' from the floor level (8'x7'10")			Sqft	62				-
2	Creation of 1 no. of glass aluminium door with proper gasketing and lock & key system (3'x7')			Sqft	21				-
3	Automatic door closure for glass aluminium door			Nos.	1				-
4	Complete putty, whitewash and painting of existing permanent walls and ceiling area			Sqft	245				-
5	Gypsum false ceiling at an height of 8 feet above the floor level(7'10x6')			Sqft	47				-
6	Supply and installation of 1 number of split AC of capacity 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer			Nos.	1				-
7	Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as			Nos.	6				-

	indicated in the layout								
8	Installation of 2 nos. of LED light of the required capacity with necessary wiring			Nos.	2				-
9	Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	1				-
10	Supply and Installation of office table of 5'(L)x3'(W)			Nos.	1				-
11	Providing and supplying of 6 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.			Nos.	6				-
	Subtotal								-

Room 2 (Proposed Microbiologist Room):

1	Complete putty, whitewash and painting of existing permanent walls and ceiling area			Sqft	223				-
2	Gypsum false ceiling at a height of 8 feet above the floor level(7'10"x5'2")			Sqft	41				-
3	Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be			Nos.	1				-

	inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer								
4	Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	1				-
5	Installation of 4 nos.of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	4				-
6	Installation of 2 nos. of LED light of the required capacity with necessary wiring			Nos.	2				-
7	Supply and Installation of desktop table of 4'(L)x3'(W)			Nos.	1				-
8	Providing and supplying of 3 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.			Nos.	3				-
	Subtotal								-
Room 3: (Proposed CBNAAT Room):									
1	Construction of a brick wall partition of 6 inches including flooring work in between the Room no 1,2 and 3 measuring (10"x11'6"x.5)			Cubic meter	1.64				-

2	Covering of the brick wall partition as well as existing walls of the room with vitrified tiles including levelling, jointing and finishing upto the height of 4 feet from the floor level(4'x11'6")+(4'x5) at 2 walls each			Sqm	11.22				-
3	Creating an opening for the door of the CBNAAT room in the existing wall			Sqm	2.6				-
4	Supply and installation of 1 no. of glass aluminium door with proper gasketing measuring(3'x7') with automatic door closure mechanism with and lock & key system in the existing wall			Sqft	21				-
5	Automatic door closure for glass aluminium door			Nos.	1				-
6	Gypsum false ceiling at a height of 8 feet above the floor level(11'6"x5')			Sqft	58				-
7	Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer			Nos.	1				-
8	Installation of 6 nos. of modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	6				-
9	Installation of 3 nos. of LED light of the required capacity with necessary wiring			Nos.	3				-
10	Supply and installation of 1 number of work benches of 5' length & 2'6" width & 2'6" Height need to be provided. Frame shall be made up of SS 304, with nylon cushion/bushing for the legs, non-particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold			Nos.	1				-

	the granite top/workbench as well as equipment places on the workbench. It should be stable and vibration free. There shall have arrangement for placing the UPS below the work bench								
	Subtotal								-
Room 8 (Proposed LIMS & Data Entry Operator, Documentation and Record Room):									
1	Complete putty, whitewash and painting of existing permanent walls and ceiling area including the area proposed for cold room as indicated in the layout			Sqft	485				-
2	Supply and installation of 1 no. of glass aluminium door with proper gasketing measuring(3'x7') with automatic door closure mechanism with and lock & key system in the existing wall			Sqft	21				-
3	Automatic door closure for glass aluminium door			Nos.	1				-
4	Gypsum false ceiling at an height of 8 feet above the floor level(16'x8'4")			Sqft	131.2				-
5	Supply and installation of 1 number of split AC of 1 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer			Nos.	1				-
6	Installation of 1 ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	1				-
7	Installation of 6 nos. modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	6				-
8	Installation of 6 nos. of LED light of the required capacity with necessary wiring			Nos.	6				-

9	Supply and installation of 1 number of work benches of 8' length & 2'6" width & 2'6" Height need to be provided. Frame shall be made up of SS 304, with nylon cushion/bushing for the legs, non-particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold the granite top/workbench as well as equipment places on the workbench. It should be stable and vibration free. There shall have arrangement for placing the UPS below the work bench			Nos.	1				-
Subtotal									-
Room 20 (Proposed Storeroom):									
1	Existing interior of Toilet no.4 in the existing layout of dimension (6'8"x4'9") to be removed along with the door and a single storeroom to be created as indicated in the layout			Sqm	3.09				-
2	Reflooring of area of demolished toilet with vitrified tiles including levelling, jointing and finishing measuring(6'8"x 4'9")			Sqm	3.09				-
3	Creation of brick wall partition of 6 inches including flooring work measuring (7'3"x10') to separate room no. 20 from room no. 21			Cubic meter	1.1				-
5	Creation of 1 no. of glass aluminium door with proper gasketing measuring(3'x7')			Sqft	21				-
6	Automatic door closure for glass aluminium door			Nos.	1				-
7	Complete putty, whitewash and painting of existing permanent walls and ceiling area			Sqft	531.26				-
8	Supply and installation of 1 number of split AC of 2 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum			Nos.	1				-

	three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer								
9	MCB of 25 Amp , wall/column to mounted with earthing terminals and provision for incoming and outgoing cable terminals(for split AC 1 No)			Nos.	1				-
10	Installation of 2 nos. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	2				-
11	Installation of 2 nos.modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	2				-
12	Installation of 4 nos. of LED light of the required capacity with necessary wiring			Nos.	4				-
13	Supply and installation of slotted angled racks (4 units) i. Dimension: 3'6" (L)x 1'6" (W) x 6'(H) ii. Material:18 Gauge Iron with anti-rusting coating iii. Adjustable 4 shelves for each rack iv. Plastic/ Rubber/ Neoprene Shoes v. Bolts and nuts as required for fitting of shelves vi. Scratch resistance smooth finish			Nos.	4				-
	Subtotal								-

Room 21 (Proposed staining Room)

1	Creation of room with glass aluminium wall partition with proper gasketing measuring upto gypsum false ceiling height from the floor (7'3"x8')+(5'6"x8')			Sqft	103.2				-
2	Complete putty,whitewash and painting of existing permanent walls and ceiling area			Sqft	103.2				-
3	Creation of 1 no. of glass aluminium door with proper gasketing measuring(3'x7')			Sqft	21				-

4	Automatic door closure for glass aluminium door			Nos.	1				-
5	Gypsum false ceiling at an height of 8 feet above the floor level(7'3"x5'6")			Sqft	40.88				-
6	Construction of 1 number workbench with brick and mortar with granite top) of 5 feet (L) X 2 feet (W)X 3 feet (H) with staining station(Wash basin)to be matched with the cemented slab) with all plumbing works including proper drainage facility.			Nos.	1				-
7	Construction of work bench of dimension 5' (L) and 2'6" (w) with an height of 2'6" made of brick and mortar with granite top			Nos.	1				-
9	Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	1				-
10	Installation of 2 nos.modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	2				-
11	Installation of 2 nos. of LED light of the required capacity with necessary wiring			Nos.	2				-
	Subtotal								-

Room 22 (Proposed microscopy room)

1	Creation of room with glass aluminium wall partition with proper gasketing measuring upto gypsum false ceiling height from the floor (7'3"x8')+(6'x8')			Sqft	106.4				-
2	Complete putty,whitewash and painting of existing permanent walls and ceiling area			Sqft	48				-
3	Creation of 1 no. of glass aluminium door with proper gasketing measuring(3'x7')			Sqft	21				-
4	Automatic door closure for glass aluminium door			Nos.	1				-
5	Gypsum false ceiling at an height of 8 feet above the floor level(7'3"x6')			Sqft	43.8				-

6	Construction of 1 number workbench with brick and mortar with granite top) of 5 feet (L) X 2 feet (W)X 3 feet (H)			Nos.	1				-
7	Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	1				-
8	Installation of 3 nos.modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	3				-
9	Installation of 2 nos. of LED light of the required capacity with necessary wiring			Nos.	2				-
	Subtotal								-

Room 23 (Proposed Sample Reception Room):

1	Creating an opening for the sample reception window of the room in the existing wall			Sqm	0.65				-
2	Installation of sliding sample reception window made up of Aluminum (2'6"x2'6")			Sqft	12				-
3	Creation of Glass aluminium wall partition with proper gasketing measuring (8'x4'7")			Sqft	37.6				-
4	Creation of 1 glass aluminium door with proper gasketing measuring(3'x7)			Sqft	21				-
5	Automatic door closure for glass aluminium door			Nos.	1				-
6	Complete putty,whitewash and of existing permanent walls of the sample reception room of area ((4'7"x8')+(7'3"x8')) and for adjoining existing walls and ceiling area of the corridor to room no. 21,22 and 23 needs to be done			Sqft	376				-
7	Gypsum false ceiling at an height of 8 feet above the floor level(7'3"x4'7")			Sqft	34.31				-
8	Installation of 1 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	1				-

9	Creation of Workbench of size 4' (L) x 2'6" (W) x 3' (H) of brick and mortar with a granite top			Nos.	1				-
11	Providing and supplying of 1 nos. of chairs which is center pivot, revolving, Mid back chair, depth-45cm, width-50cm, height-105cm to 115cm & seat height-45cm to 55cm. (+/- 2cm) with five-legged metal /molded nylon base with push back arrangement. Chairs shall have high density molded,360 revolving on suitable base, gas lift, heavy duty twin wheel castors to take min 80 kg/castor with two -pneumatic height adjustment one-piece molded type polypropylene armrest. The chair shall be provided with approved tapestry with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder coated.			No.	1				-
12	Installation of 2 nos.modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	2				-
13	Installation of 2 nos. of LED light of the required capacity with necessary wiring			Nos.	2				-
	Subtotal								-
Corridor and UPS area									
1	Installation of 3 nos.modular single phase 5/15 amp. switches, socket outlets with necessary wiring as indicated in the layout			Nos.	3				-
2	Installation of 6 nos. of LED light of the required capacity with necessary wiring			Nos.	6				-
3	Installation of 3 no. ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator and wiring for completing installation.			Nos.	3				-

4	Supply and installation of 1 number of split AC of 1.5 TR with in-built inverter, minimum 3-star rating with voltage stabilizer needs to be installed with proper drainage facility. These will be inverter ACs (minimum three star) of Hitachi/ Bluestar/ Carrier/ Lloyd/ Godrej or equivalent OEM with suitable voltage stabilizer			Nos.	1				-
5	Installation of 1 number of wall fan to be installed with all with all accessories including wiring for completing installation near the UPS area			Nos.	1				-
Subtotal									-
Other Works									
Total (In INR)									-

Total Price in figures and words: _____

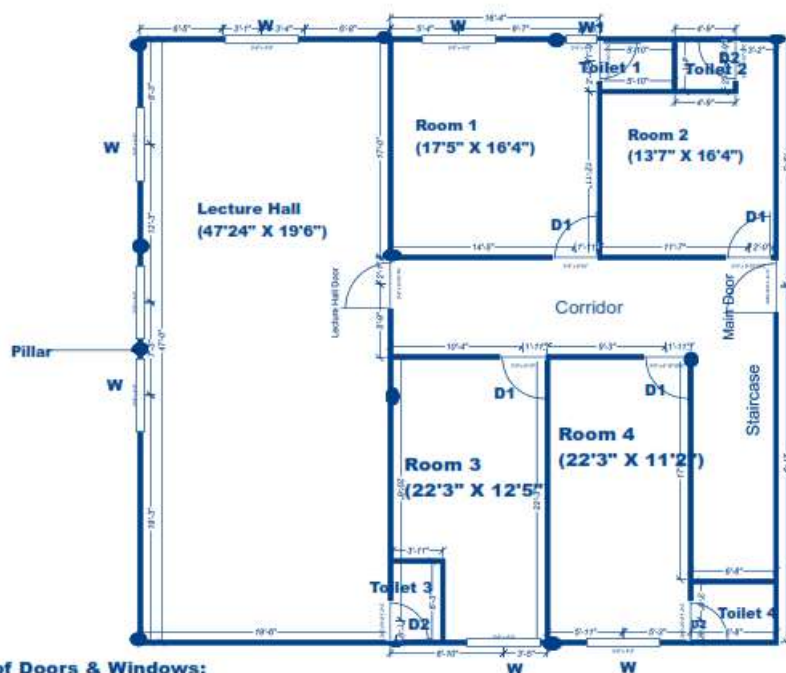
Place: _____
Date: _____

Name _____
Signature of Bidder _____
Seal of the Bidder _____

Annexure II

Layout of the Lab

Existing Facility (Lecture Hall) Pulmonary Department (Ground Floor) at S.V.R.R. Medical College, Tirupathi



Dimensions of Doors & Windows:

Main Door: 3'9" X 8'5"
Lecture hall door: 3'7" X 6'8"
D1: 3'4" X 6'8"
W: 5'7" X 4'4"
W1: 2'4" X 4'4"
Toilet 1: 5'1" x 4'1"
Toilet 2: 4'9" X 4'1"
Toilet 3: 6'3" X 3'9"
Toilet 4: 6'8" X 4'9"

Dimensions of Room:

1. Lecture Hall: 47'2" X 19'6"
2. Room1 : 17'5" X 16'4"
3. Room2: 13'7" X 16'4"
4. Room3: 22'3" X 12'5"
5. Room4: 22'3" X 11'2"

Total Ceiling Height (Including Beam): 10'
Dimension of Beam (Lecture hall): 2'5" X 19'6"

**Proposed Lab Layout for TB C&DST Laboratory
Pulmonary Department(Ground Floor)
SVRR Medical College_ Tirupathi**



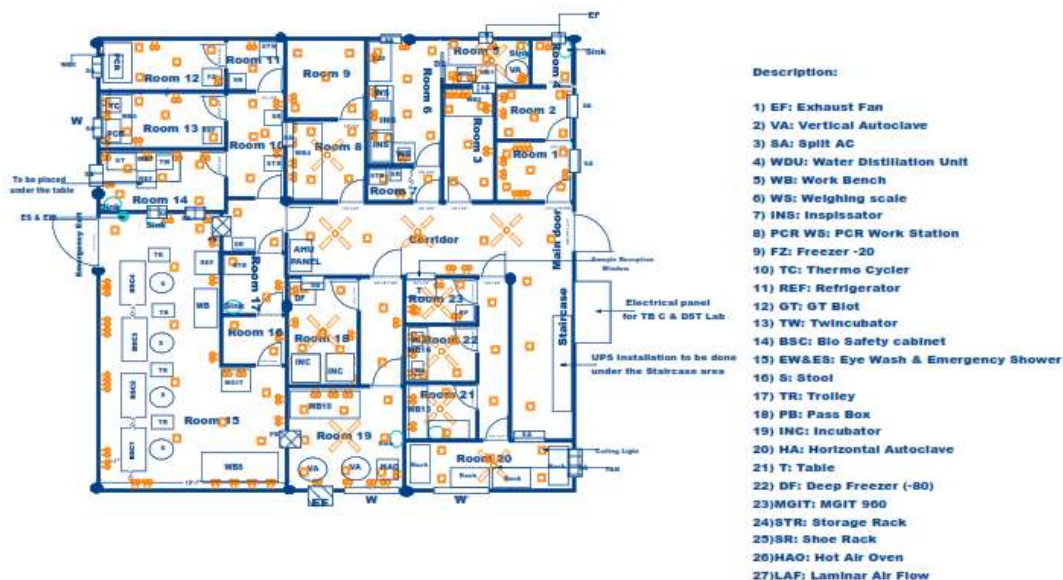
Dimensions of Proposed Rooms:

- 1) Room 1: Proposed Staff Room: 7'10" X 6'
- 2) Room 2: Proposed Microbiologist Room: 7'10" X 5'2"
- 3) Room 3: Proposed Genexpert Room: 5' X 11'6"

- 8) Room 8: Proposed LIMS and DEO Room: 8' X 8'4"

- 20) Room 20: Proposed Store Room: 4'9" X 17'4"
- 21) Room 21: Proposed Staining Room: 7'3" X 5'6"
- 22) Room 22: Proposed Microscopy Room: 7'3" X 6'
- 23) Room 23: Proposed Sample collection Room: 7'3" X 4'7"

**Proposed Lab Layout for TB C&DST Laboratory
Pulmonary Department(Ground Floor)
SVRR Medical College_ Tirupathi**



Dimensions of Proposed Rooms:

- 1) Room 1: Proposed Staff Room: 7'10" X 6'
- 2) Room 2: Proposed Microbiologist Room: 7'10" X 5'2"
- 3) Room 3: Proposed Genexpert Room: 5' X 11'6"
- 4) Room 4: Proposed Staff Toilet: 4' X 4'6"
- 5) Room 5: Propsed Sterilization Room: 8'10 X 4'6"
- 6) Room 6: Proposed Media Room: 7'6" X 12'10"
- 7) Room 7: Proposed Ante Room for Media room: 7'6" X 3'6"
- 8) Room 8: Proposed LIMS and DEO Room: 8' X 8'4"
- 9) Room 9: Proposed Walk in cold Room: 8' X 8'
- 10) Room 10: Proposed Ante room for Amplification and Hybridization Room: 11'3" X 5'9"
- 11) Room 11: Proposed Ante room for Master Mix Room: 5'9" X 5'
- 12) Room 12: Proposed Master Mix Room: 12'10" X 5'
- 13) Room 13: Proposed Amplification Room: 12'10" X 5'7"
- 14) Room 14: Proposed Hybridization Room: 12'10"x 6'
- 15) Room 15: Proposed TB Containment Lab: 19'3"x12'7"+12'4"x15'11"
- 16) Room 16: Proposed Ante Room for TB Containment Lab: 4'10" X 6'5"
- 17) Room 17: Proposed Change Room for TB Containment Lab: 6' X 6'5"
- 18) Room 18: Proposed Culture Reading and Incubator Room: 11'X 7'
- 19) Room 19: Proposed Autoclave and Washing Section: 11'10" X 10'5"
- 20) Room 20: Proposed Store Room: 4'9" X 17'4"
- 21) Room 21: Proposed Staining Room: 7'3" X 5'6"
- 22) Room 22: Proposed Microscopy Room: 7'3" X 6'
- 23) Room 23: Proposed Sample collection Room: 7'3" X 4'7"