

EXPRESSION OF INTEREST

Commissionerate of Food and Drugs Administration, Punjab
Near Civil Hospital, Kharar, Punjab
Email: publicanalystpunjab@gmail.com
Contact no.- 01602280454

Tender Notice

Expression of interest is invited from organizations of repute for Design, Manufacture, procurement, installation, testing and commissioning of classified Food Microbiology Laboratory at State Food Laboratory, Punjab at Kharar. The detailed scope of work may be seen on our website www.pbhealth.gov.in. The organizations may apply on or before 25.03.2019 till 5:00 PM.

Sd

Commissioner
Food and Drug Administration, Punjab

Terms and Conditions

1	Name of the Tendering Authority : Food & Drug Administration, Punjab
2	Method of Selection: Selection of the bidder will be a two-stage process. In the first stage, technical bids will be screened based on the pre-qualification and the technical information as per the selection criteria defined in the document. Financial bids of only the technically qualified bidders will be opened for further assessment.
3	Financial bid to be submitted along with the Technical bid.
4	<p><u>Pre-Bid meeting will be held</u> : YES Venue : FDA Building, Near Civil Hospital, Kharar. Date: 15.03.2019 A maximum of two representatives of each Bidder shall be allowed to participate on production of a letter from the bidder. Bidders requiring any clarification on the tender document may send their queries to Director, Food and Drug laboratory, Punjab by email at publicanalystpunjab@gmail.com. All queries should reach by email at least two days prior to the pre-bid meeting. Last Date for receiving sealed bids: 25.03.2019 till 5:00 PM</p>
5.	<p>Point of contact for any queries related to the Tender:</p> <p>Director, Food and Drug Laboratory, Punjab FDA Building, Near Civil Hospital, Kharar 0160-2280454</p>
6.	The technical bid must not contain any pricing information. In submitting additional information, please mark it as "supplementary" to the required response.
7	<p><u>EMD</u></p> <ul style="list-style-type: none"> • An amount of Rs. 1Lac (Rupees One Lakh only) valid for a period of 90 days must be remitted in the form of Bank Draft in favour of Commissioner, FDA, Punjab along with the bid documents. Bids not accompanied by EMD shall be rejected. EMD amount of the unsuccessful bidders will be returned without any interest. • EMD amount of the selected bidders shall be returned after the signing of the agreement and the submission of the performance bank guarantee (PBG). No interest shall be paid by Punjab FDA on EMD and PBG submitted by the bidder.
8	Any corrigendum to the Tender shall be published on the above website only.
9	<p>Performance Bank Guarantee (PBG):</p> <p>The successful bidder will have to deposit a Performance Bank Guarantee (PBG) equivalent to 5 % of the initial earmarked amount in favour of FDA, Punjab with validity of six months to be extended every six months till the contract expires, within 21 days of award of tender.</p>
10	<p>Documents to be submitted by the bidder:</p> <ol style="list-style-type: none"> a) Technical bid in the prescribed format along with supporting documents with signature, name, designation and seal of the authorized representative of the bidder on each page. b) Financial bid in the prescribed format with signature name designation and seal of the authorized representative of the bidder on each page.

	<p>c) Acceptance of the terms and conditions of the tender.</p> <p>d) EMD as per the details above.</p>
11	<p>Arbitration Clause: Any dispute concerning the Agreement, signed with the successful bidder, shall first be resolved by the parties for an amicable settlement. If the parties are unable to reach an amicable settlement, the dispute shall be referred to Principal Secretary, Health and Family Welfare, Govt. of Punjab for arbitration in accordance with Arbitration and Conciliation Act, 1996. Principal Secretary, Health and Family Welfare, Punjab shall adjudicate the dispute himself or appoint his nominee as Arbitrator to adjudicate. There will be no objection to any such appointment that the person appointed is or was an employee of Punjab FDA or that he had to deal with the matter to which the contract relates and that in the course of his duties such as employee of Punjab FDA has expressed views on all or any of the matter in disputes of difference. The award of such arbitrators shall be final and binding on the parties to this contract.</p> <p>It is a term of this contract that in the event of the arbitrator being transferred or vacating his office or being unable to act for any reason, the Punjab FDA at the time of such transfer, vacation of office, death or inability shall appoint another person to act as arbitrator. Such a person shall be entitled to proceed with reference from the stage where it was left by his predecessor. The arbitration proceedings and other legal proceedings shall be under the jurisdiction of Chandigarh courts only.</p>
12	<p>Punjab FDA reserves the right to accept or reject any or all of the offers at any stage of the process without assigning any reason thereof and any claim / dispute on this shall not be entertained.</p>

- The selected bidder shall perform the services and carry out their obligations with reasonable due diligence, efficiency and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and use appropriate advanced technology and latest equipment, testing machineries and methods. The bidder shall always act, in respect of any matter relating to this contract or to the services, as faithful adviser to Punjab FDA, and shall always support and safeguard its legitimate interests in any dealings.
- Any issues regarding upgradation and day to day operation of the Food testing lab will be resolved with mutual understanding.
- All entries in the tender form should be legible and filled clearly. Any overwriting or cutting which is unavoidable shall be signed by the authorized signatory. Any alterations without authentication will be treated as a 'NIL' entry.
- Tender incomplete in any form will be rejected outright. Conditional tenders will also be rejected outright.
- No Bidder will be allowed to withdraw after submission of the tenders within the bid validity period otherwise the EMD submitted by the Contractor would stand forfeited.
- In case the successful Bidder declines the offer of contract, for whatsoever reason(s), his EMD will be forfeited.
- Each page of the tender document should be signed and stamped by authorized representative of the Bidder as a token of acceptance of the terms and conditions laid down by Punjab FDA.

SCOPE OF WORK

Sr. No.	Item	Unit
	<p><i>Design, Manufacture, procurement, installation, testing and commissioning of classified Food Microbiology Laboratory. The work shall be carried out to the specifications stated under however not limited to the same. Cost of additional works, if any, as against the below stated shall be deemed to be incorporated in the bid. The Laboratory shall be delivered fit for the purposes for which it is intended to as per the requirement and satisfaction of the Client and further shall satisfy all norms of Microbiology Food Lab prescribed by competent authority . Furnishing of design, drawings and obtaining necessary approval of the same from the competent authorities shall be part of the scope of the work. Pre-site Visit & Inspection is mandatory.</i></p>	
1	<p><i>Classified Air/Flow Distribution System :-</i> <i>Air Distribution unit of double skin with 43 mm thick Puff Insulation Having Density of 38 kg/cu.mtr.</i> <i>The outer skin is pre-coated & inner Skin in G.I. Sheets having thickness of 0.63mm.</i> <i>The Air distribution system is with a thermal break profile & coving .</i> <i>Pre-filter Section with 10 micron filtration.</i> <i>Supply Duct Damper having filter of 3 micron Filtration.</i> <i>Dx-Coil Section is 6 row deep with Stainless Steel Drain Pipe .</i> <i>Pressure maintaining will be positive i.e. 90% recirculating & 10 % Fresh Air Supply with the rotation of 50 Air Changes Per Hour .</i> <i>Humidity would be maintained up to 65-70 RH.</i> <i>Temperature can be set from 17°C to 27°C.</i> <i>System should be ceiling suspended.</i></p>	NOS

	<p>SUPPORTINGS :- Drain pan in 16G SS 304 construction with 15 mm thick nitrile rubber insulation. Plug fan with motor. Direct driven fan. Motor EFF-1. Low leakage opposed blade volume control dampers with aerofoil blades at the outlet of supply air handling units, fresh air and inlet of exhaust / return of air handling units. Manual FA damper. CHW Cooling coil 6/8 row deep. Fire retardant flexible canvas connection and cushy foot mounting for fan Manual Bypass damper EU-4 Fresh Air Filter EU-4 Pre filter EU- 7 Secondary filter EU- 9 Fine filter Fan to be selected at 10% higher capacity as given below.</p>	
2	<p>Condensing Units :- Air Cooled Condensing Unit with scroll compressors . Condensing Unit to Air distribution system should be copper piping with insulation. Refrigent R-22 Charging . Also the Vacuumizing the out door chilling units . PVC Drain pipes for both the condense water outlet . Supply & installation of expansion valves.</p>	NOS
3	<p>CA/FDS Electrical Panel :Dedicated starter (Motor wise) Electrical panel with RYB Indicators , Suitable capacity of MCCB, With digital type KWH Meter, Volt meter, ammeter for incomer , outgoing feeders with MCB/MCCB. Contractors , Bimetallic relays, start /stop push button, on /off/trip Indicators for CA/FDSMotors . The panel is made out of 16G CRCA Sheets duly powder coated with two coats of synthetic enamel or Powder coating . Panel totally enclosed, completely dust proof, with hinged doors , neoprene gasket and suitable gasket and suitable locking arrangement . Temperature Sensor , cables , copper pipes & Circuit. Humidity sensor :- 55-60 RH .</p> <p>Supply, installation, testing of Duct type Temperature / RH sensor. Measuring Range: Temp:-30 to 50 Deg C & Accuracy: +/- 1 Degc +/- 3%</p> <p>Supply, installation, testing and commissioning of following cables to CA/FD System :-</p> <p>Signal and Communication Cable - Armoured (PVC Sheathed ATC (Annealed Tinned Copper) shielded cable)</p> <p>4 Core, screened min 1.0 sq.mm</p> <p>10. Galvanized Powder Coated Sheet .</p>	Set

	<p>4C x 2.5 Sq.mm CU</p> <p>4C x 6 Sq.mm CU</p> <p>4C x 1.5 Sq.mm CU</p> <p>Flexible Copper Control Cable</p> <p>4C x 1.5 Sq.mm CU</p> <p>Earthing :- 8G Galvanized Iron</p> <p>ODU Stands:- M.S. Red Oxide Frame .</p> <p>CABLE TRAY</p> <p>GI perforated cable tray 2 mm thick, 50 mm width with necessary supports and hardware required.</p> <p>GI perforated cable tray 2 mm thick, 100 mm width with necessary supports and hardware required.</p>	
4	<p>DUCTING :Supply, Installation and Testing of Factory fabricated G.S.S. Ducting as per specification complete with supports, with GI rivets,nut-bolts, with painted MS angle Flanges, neoprene gaskets duly installed between flanges. Leak Testing of ducts at site shall be carried out as per SMACNA standards. Food grade silicon sealant shall be applied to ducts & for all angle flanges. Supply and installation of closed cell Nitrile Rubber Insulation with factory laminated Alu-foil, Class "O", The insulation used shall be with aluminum tape in all corners of the same make that of insulation. The insulation shall be self adhesive or site glued.</p> <p>SHEET Thickness:- G.I. 24 Gauge .</p> <p>Return Duct Insulation Thickness :- 13 mm</p> <p>Return Duct Insulation Thickness :- 19 mm</p>	Sq.ft
5	<p>Supply HEPA Filter dampers :18 Gauge GI Powder Coated Terminal Box of Desired CFM. Side Connection Square Gear Operated VCD and S.S Perforated Grill. 3 Micron pre filter for Supply Air . Supply, Installation, Testing and Commissioning of Fire damper with fusible link with limit switch and indicator to show the open/close position). The blades and frame shall be of minimum 16 G thickness and fire damper shall be of at least 1-1/2 or 2 hour fire rated . Bottom Operated Damper .SS .Perforation Grill</p>	Nos
6	<p>Return Filter dampers :</p> <p>Providing & fixing GI return air riser inside 80 mm tik wall panels. RA duct</p>	Nos

	<p><i>will extend</i></p> <p><i>150 mm above walk on ceiling with a flanged connection to main Duct by others. Riser</i></p> <p><i>should provide with SS 304 grade 0.8mm thk front perforated grill and arrangement to</i></p> <p><i>fix damper(VCD) With 90% down to 10 micron Filter & Damper will be operated from room side.</i></p> <p><i>Riser size - 700/300 mm x 60 mm x 2700 mm</i></p>	
7	<p>Canvas Connections :- <i>Supply & Installation of insulated flexible duct of maximum length 3 times the dia made with core constructed from 12-15 micron aluminum film/Waterproof bonded 1.5 mm thick leather blanket insulation shall be used based adhesive and fastened with set of round clamps on both the ends of ducts & HEPA/Diffuser housing/Jet Nozzle and tightly sealed with self adhesivealuminium tape.</i></p> <p><i>Note: Cross-Section of Flexible duct shall be should be as per approved HEPA housing. (For supply and return).</i></p>	Nos
8	<p>Virus Burnout :- <i>Virus Burnout tends the exhaust/recirculated air from the Classified lab from harmful to harmless. which maintains the sterility of the air re-circulated or exhausted to air . Highly recommended to maintain the environmental pollution norms & accreditation of the Classified clean room .</i></p>	Nos
9	<p>Digital Pressure differential gauges :<i>Use to identify pressure difference between two rooms of a lab or relatively with the atmospheric pressure . Specially the classified & non classified. SS Cover Plate & box is provided With necessary tubing .</i></p> <p><i>0-6 pascal pressure reading to be shown on gauge . Also has an indication alarm if the limit exceeds.</i></p> <p><i>Digital Microprocessor Control System for Operating Fluorescent, Uv Light & Air Flow. Continuously display true value of differential pressure of HEPA filter for inflow as well as down flow velocity. Conveniently located display on outside of the LAB for easy use & also easy to visual from a ergonomic working position.</i></p>	Nos

10	<p>Ceiling Partition 50 mm : Supply of Panel in 50mm thick Overall section of 0.6 mm thk. TGGIPP sheet on inner & outer skin infill with PUF of 40Kg/m3 density. External facing should be bacteriostatic, dense and non-porous material. The panel should be made of a durable and uniform material that should be easy to clean and extremely hygienic. Internal balancing core with suitable geometry to ensure the maximum rigidity. The ceiling Panels should be resistant to water , detergents& Hydrogen peroxide disinfectant normally used in Classified Labs . Reaction to fire class 1 norm.</p> <p>It should also allow the use of different module sizes within the same room. The grid should be formed of loading profiles, suspended from the ceiling slab, to which the crossbar profiles are secured by means Simply supported mechanism . The thus formed grid should be rigid and remains perfectly stable during all the subsequent site operations & also posses the walkable capacity . The suspended ceiling should be hermetically sealed by means of nontoxic silicon application and it should be durable and non-degradable & resistant to micro-organism attack. Ceiling should be hermitic sealed . Ceiling panels should comply with any one applicable international safety /Quality certification.</p>	Sq.m
11	<p>Wall Partition 80 mm :Supply of Panel in 80 mm thick Overall section of 0.6 mm thk. TGGIPPsheet on outer skin infill with PUF of 40Kg/m3 density . Internal Return Air Risers in 60 mm wall panel with Necessary Fittings . External facing should be bacteriostatic, dense and non-porous material. The panel should be made of a durable and uniform material that should be easy to clean and extremely hygienic. Internal balancing core with suitable geometry to ensure the maximum rigidity. The Panels should be resistant to water , detergents& Hydrogen peroxide disinfectant normally used . Reaction to fire class 1 norm.</p> <p>In order to create a smooth uninterrupted surface between adjacent panels, thereby preventing the risk of the accumulation of dust and bacteria in gaps, the panel should be produced in a single full height floor-to ceiling piece. Wall Panels should comply with any one applicable international safety /Quality certification. Color & view of inner surface wall of LAB shall be finalized after approval of CLIENT.</p>	Sq.m

12	<p>Other Rooms Wall Partition 50 mm :Supply of Panel in 50 mm thick Overall section of 0.6 mm thick. TGGIPI sheet on inner & outer skin infill with PUF of 40Kg/m³ density. External facing should be bacteriostatic, dense and non-porous material. The panel should be made of a durable and uniform material that should be easy to clean and extremely hygienic. Internal balancing core with suitable geometry to ensure the maximum rigidity. The Panels should be resistant to water , detergents& Hydrogen peroxide disinfectant normally used in hospital. Reaction to fire class 1 norm. In order to create a smooth uninterrupted surface between adjacent panels, thereby preventing the risk of the accumulation of dust and bacteria in gaps, the panel should be produced in a single full height floor-to ceiling piece. Wall Panels should comply with any one applicable international safety /Quality certification. Color & view of inner surface wall of LAB shall be finalized after approval of Hospital Authority.</p>	Sq.m
13	<p>View Panels :- Double Glaze view panels for modular wall panels with 5 mm Toughened glass with all accessories like double adhesive tape , silicon sealant and silica gel with installation. Glasses to be pasted on SS 304 frame supports only. Completely flash designed .Dimensions : - 900/750mm L X 600mm H</p>	Nos
14	<p>Clean Room Doors :-</p> <p>Clean room Solid Steel Doors made up of 0.8mm thick GI sheet, Door leaf 44mm thick, and door frame of 1.2mm thick G I sheet, with PUF insulation as infill material with</p> <p>PU Painted finish with Hardware as mentioned below, with vision glass and with installation .</p> <p>Clean Room Doors</p> <p>Single Leaf Door: 1000 x 2200 mm Door</p> <p>Hardware for Doors</p> <p>SS Roll bearing Hinges</p> <p>SS D handle Back to back / SS D Handle one side and one side SS push Plate</p> <p>Dead lock Both Side Key operation</p> <p>SS Kick plate 0.8 mm thick upto 300 mm height</p> <p>Concealed type Bottom Drop seal</p> <p>Door closer TS 1000 C STD ARM</p> <p>Door stopper</p>	

	<p><i>Double glazed view panel of 400*600 mm with 6 mm thick toughened glass</i></p> <p><i>Door seal Groove Type</i></p> <p>Clean Room Doors 1000 L</p>	NOS
15	<p>Dynamic Passbox :Hepa filtered air rotated inside the chamber of Dynamic passbox . in the presence of ultraviolet lights .Precision designing and finish..High grade stainless steel construction. Choice of mechanical or electrical interlocked. Maximum chemical resistance construction. Indicating lamp to know the door lock-unlock condition. Doors having interlock mechanism one Opening at one time . Magnehelic gauge for measuring pressure drop. The Supply hepa filter is 0.3 Micron & the Return Air Filter is 10 Micron. Size:- 450mm L x 1100 mm H x 450 mm D</p>	Nos
16	<p>Static Passbox :Precision designing and finish.. High grade stainless steel construction. Choice of mechanical or electrical interlocked. Maximum chemical resistance construction. Indicating lamp to know the door lock-unlock condition. also an ultraviolet light to kill germicides when the passbox in closed conditions . Doors having interlock mechanism one Opening at one time . Magnehelic gauge for measuring pressure drop. Size:- 450mm L x 600 mm H x 450 mm D</p>	Nos
17	<p>Ultraviolet Germicidal Irradiation :- Upper air ultra violet systems work by creating an irradiation zone within the upper air of a space. As convection currents lift airborne particles from the breathing zone into the upper air, these particles are exposed to ultra violet irradiation and may be killed or inactivated. the UV lamp in the Infinity™ series is moved forward within the fixture. This combined with an open end design gives the Infinity a wider angle of irradiation than competitor units. The Infinity™ wall mount unit has a irradiation angle of 170° which increases the fluence (average dosage) within the space.</p>	
18	<p>Electrical Connections :- Wiring for light pointwith 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed concealed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. (Avg Length upto 9 mtr)</p>	Sq.M / L.S.

Power Point 15/16A: Supplying and fixing suitable size box with Three modular plate and cover in front on surface or in recess concealed, including providing and fixing 6 pin 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.

Wiring for circuit/ submain wiring alongwith earth wire with the 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire of FRLS PVC insulated copper conductor, single core cable in surface/ recessed concealed medium class PVC conduit as required for power point

Supplying and fixing of 4 way single/ double door surface/ recess/ concealed mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)

Supplying and fixing of 63 amps four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.

Supplying and fixing of following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for Laboratory Equipment load (inductive load) of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.

i) Single pole MCB 16/20 A

LED Light: Supply and installation of Clean Room LED light fitting of following sizes bottom type oenable type suitable for concealed mounting of suitable wattage of required lux levels. Complete Job. Slimressed panel lights are efficeint ,enviroment friendly and retrofit solution for high power consuming traditional lights offers versatile features for household and industrial application. Good color rendering. Ceiling mounted lights . leak proof with 6000 lumens capacity & should be fix able to all sorts of ceilings .

i. 150 X 150mm Led Panel

ii. 300 X 300mm Led Panel

Telephone Point: Supplying and fixing 1or2 modular GI box alongwith telephone socket, modular plate & switch box including connections etc. as required.

Supplying and drawing 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the surface/ recessed concealed PVC conduit as required.

Dismantling the existing POP, Switches, sockets, fittings, piping, fan, fixtuersetc and depositing the same at engineering dept.

	<p>Access Control System for main door: Supply, installation, testing & commissioning of time attendance machine with access control, access through RFID card & pin, biometric/proximity type of reader and magnetic locks with min 10 Proximity cards, software, power supply etc for installation Complete Job.</p> <p>NOTE : Client Need to Provide only a three Phase Copper wire of 25 Sq.mm upto FOOD LAB .</p>	
19	<p>Third Party Validation :It carries out process such as Dry Run for approximatey for 24 hoursby removing all the filters only to run the air through distribution system to check the static pressure obtained . Air Balancing done to retaliate the proper volume of air circulated is each room as per designed . Particle testing to check the purity/sterility of the air in order to obtained the required class . Velocity Test & Pressure balance checks the fresh Air Changes & the pressure maintained in room ,which helps to maintain the desired class of the clean room.</p>	Set
20	<p>LAB FURNITURE :-</p> <p>Jet Black Granite:- Top 18 MM THICK with Zero water absorption, high temperature ,chemical and stain resistance and can be repolished. The drawer units are placed below the wall bench and should be removable .</p> <p>Drawer Units Specifications :- 1) Drawer Unit (600 mm wide 2 Shutter 1 Drawer End Unit)600 mm wide ,550 mm deep. 2) 800 mm height lab storage unit having drawer of 125 mm in height with two telescopic channels . 3) Below drawer two shutters are mounted with SS hinges.Unit is having one shelf in side . 4) Unit is also having 100mm toe space at bottom, complete unique. 5) Complete CRCA furniture is pretreated with 8 tank pickling process further chemoxy powder coated by maintaining 70 to 80 micron film thickness.</p> <p>Unit Should be a mobile cabinet with castor wheels at the bottom can be accessible any where .</p> <p>Wall Cabinets with following Specifications :Wall Cabinets with SS hinged Door Shutter 600 mm wide ,320 mm deep. 600 mm height lab storage unit . Underneath there is LED tube race .</p> <p>Wall mounted with SS hinged Door .Unit is having one shelf in side . Complete CRCA furniture is pretreated with 8 tank pickling process further chemoxy powder coated by maintaining 70 to 80 micron film thickness.</p>	Set

POWER TRUNKS :- 1) POWER TRUNKS (1200 mm in length) 1200 mm wide , 120 mm deep, 120 mm Height table mounted Raceways .

2) Electrical Switch & Sockets Fitted (With Wiring) . 3) Complete CRCA furniture is pretreated with 8 tank pickling process further chemoxy powder coated by maintaining 70 to 80 micron film thickness. Switch & sockets Are fixed as recommended from client .

SINK Unit :- 1 nos

304 .

1. Material of Construction: Stainless Steel

2. Maximum Chemical Resistance.

Avoid Leakage.

3. O3 Gasket / 'O' Ring Nitrail Rubber to

4. Outlet Connection: 1 1/2" B.S.P.

5. Standard Colour: Black .

6. Easy to Install & Easy to Clean .

FAUCET :- 1) Raw Material:

Brass as per IS: 319 (I) (Machining Grade).

Brass as per BS: 218 (M) (Forging Grade).

Pipe as per IS: 407 (CuZn37).

Nylon / ABS Knob.

All Gasket / 'O' Ring Nitrile Rubber.

Inlet Connection 1/2" B.S.P.

2) Testing:

Pneumatic Test at 250 PSI.

Hydraulic Test at 125 PSI.

Bursting Test at 500 PSI.

3) Powder Coating:

Epoxy Fusion Bond.

Wall demolition & Re-Furnishing (If Required) :-

Demolition include the removal unwanted wall through breaker and take of debris from site to nearest dumpyard at regular intervals, installing scaffolding if required for demolition, including demolition of RCC lintels, slabs and cleaning etc complete in all respect.

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Removing of existing Brick wall with plaster.

Removing of existing tiles.

Removing of existing. Lab platform.

Removing of existing Window frames & windows.

Removing of existing Doors & door frames.

Removing of existing Electrical wiring & fixtures.

Sq.m

<p><i>Breaking of existing Brick bat coba & waterproofing.</i></p> <p><i>Removing of RCC structure like loft.</i></p> <p><i>Removing of existing Plaster.</i></p> <p><i>Providing 12mm thk. single coat plaster in cement mortar 1:4 internally & Externally to concrete or masonry surfaces including chicken mesh at joints of concrete and masonry. Inclusive of scaffolding etc complete in all respects</i></p> <p><i>Providing and laying IPS with 40mm th. Layer of cement mortar of 1:1 mix (1unit- cement, 1unit- fine screened sand) with proper curing complete as directed.</i></p> <p><i>providing and laying brick bat coba in upto 1:4 cement mortar incl. Of neccessary slope towards nahni trap, finished in 80mm cement mortar bed incl. Of add mix chemical of "roff" make or equivalent or as diected.</i></p> <p><i>Providing, supplying, mixing and applying two coats of roff make -supercret ready-to-use acrylic polymer of, modified cement base, flexible water-proofing slurry to a thickness of 3mm over the bottom and sides of toilet and pantry slabs, including preparation & testing.</i></p> <p><i>Punning with POP 2mm to 6mm thick layer of super fine plaster of paris (anhydrous gypsum) applied over selected existing plastered surface on walls and columns finished smooth, surface prepared by hacking and applying a coat of cement slurry if required including all incidentals etc. complete</i></p> <p><i>Any additional work to be considered in the existing scope .</i></p>	
<p>Anti- Static Chemoxy Flooring :- <i>The offered flooring system features optimum chemical resistance and remarkable toughness which is best suited for industrial and commercial floors. Designed to withstand high traffic conditions the offered coatings are developed from premium grade materials and can be accessed with varied pigments. Coving 50mm- 75 mm in height . Filleted to avoid corner dust deposits .</i></p> <p><i>22</i> <i>Flooring in each Classified rooms seamless with perfectly curved flash-covings, resistance to mechanical stress and dynamic load sand , 2mm thick, washable . However the sample may be got approved from engineering-in-charge at site .</i></p> <p><i>Provided with the copper strip of 2' x 2' grid to the near by earthing .</i></p> <p><i>Flooring is laid on self leveling compound with thickness ranging from 1mm to 3mm</i></p>	<p><i>Sq.m</i></p>
<p>CROSS OVER BENCH :- <i>High end Stainless Steel Cross Over Benches like movable table which is attractive to look and comes with durable services. These are used for carrying different hospital product from one place to another. As this is thin, therefore it can fit anywhere without creating any problem. Features:</i></p> <p><i>High tensile strength</i></p> <p><i>Robust structure</i></p> <p>Specifications:</p> <p><i>23</i></p>	<p><i>Nos</i></p>

	<p><i>General Use: Commercial Furniture</i></p> <p><i>Material: Stainless Steel 316</i></p> <p><i>Appearance: Modern</i></p> <p><i>Size: L mm (As Per Site) x 350mm D x 610 mm H</i></p>	
25	<p>Air Shower:-</p> <p>1. The Air shower system is auto controlled interlocking systems, the entry and exit door is electronically interlocked, and Photoelectric sensor suited.</p> <p>2. Air shower systems is made (CONSTRUCTION) from SS 304 .</p> <p>3. Air thru nozzles, handls, hingess, doors are made from stainless steel 304.</p> <p>4. The Airshower system design is modular type, it is easily to transport and assembly anywhere.</p> <p>5. Air shower duration time is adjustable from 10 sec to 99sec, and finished air shower time is displayed.</p> <p>6. The main function of the air shower is purify the dust air it is used HEPA filter (0.3micron) and Pre filter .</p> <p>7. A disposable / washable pre-filter with 90% arrestance of dust air to extends the life of the main HEPA filter.</p> <p>8. The AIR THRU Nozzle is two types adjustable and ordinary.</p> <p>9. Hepa filter (0.3 micron).</p> <p>10. Galvanized Powder Coated Sheet .</p> <p>11. Emergency switch/fluorescent lamp.</p>	Nos
26	<p>Safety Aspects :-</p> <p>Smoke Detectors & Fire Alarms: A smoke detector is a device that senses smoke, typically as an indicator of fire. Commercial security devices issue a signal to a fire alarm control panel as part of a fire alarm system, while household smoke detectors, also known as smoke alarms, generally issue a local audible or visual alarm from the detector itself.</p> <p>Fire Extinguishers : Standard dry powder extinguishers are also called 'ABC' extinguishers because they tackle class A, B and C fires, however they are not recommended for use in enclosed spaces. This is because the powder can be easily inhaled, and also the residue is very difficult to clean up after. ABC powder extinguishers can also be used on some electrical fires. Specialist dry powder extinguishers are used for flammable metals.</p>	Package
27	<p>PCR ROOM :- A 3m x 3m size P C R room is been designed with anti StaticChemoxy Flooring & Air Conditioned. Walls & ceiling are in Puff panels.</p>	

Technical & Financial Bid Evaluation Criteria

The Bidder should have in the last 3 years, successfully completed as a prime contractor at least one similar work of Government institute.

And also having experience of completed 3 similar type of work of any private research lab / pharma lab / private institute.

Copies of Completion certificates issued by the clients should be submitted along with the bid

The bidder should have an average annual turnover of at least Rs. 30.00 lakh in the last 3 consecutive financial years

Copies of Profit& Loss account and Balance Sheet statement for the last three consecutive financial years should be scanned (PDF format) and submitted online along with the bid.

The bidder should have a solvency of not less than Rs. 40.00 lakh from a Nationalised/ Scheduled bank

Bidders must have an ISO 9001 : 2015, CE & GMP Certifications

FORMAT FOR THE SUBMISSION OF RATES – PRICE BID

(To be submitted on the letterhead of the company/firm)

Name of the Firm _____

Complete Office Address _____

Sr. No.	Description	Price with INR
	One Time Professional Charges for providing Consultancy on Attaining NABL Accreditation.	
	Total Price	
	GST applicable	
	Total including GST	

(In Words _____ Only)

TENDER FORM
GENERAL INFORMATION

1.	Name of Applicant / Company	
2.	Address (State of Punjab OR Chandigarh Tricity)	
3.	Contact Person: Telephone Nos. Fax Nos. Mobile	
4.	Type of Organization: a) A proprietary firm b) A firm in partnership (Attach copy of Partnership) c) A Limited Company (Attach copy of Article of Association) d) Any other (mention the type)	
5.	Place and Year of Incorporation	
6.	Proprietor / Director / Name of Partners in the organization and their status along with their qualifications.	
7.	PAN & GST Nos.	
8.	Registration (Attached Copy)	
10.	Any other Information	

[SIGNATURE OF APPLICANT]

DECLARATION

ISon/Daughter of
Shri..... Proprietor/Partner/Director/Authorized
Signatory of am competent to sign this declaration and
execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.

3. The information/document 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.

Signature of authorized person.

Date:

Full Name:

Place:

Company's seal:

N.B. The above declaration, duly signed and sealed by the authorized signatory of the company should be enclosed with Technical tender.

Sd

**Commissioner
Food and Drug Administration, Punjab**