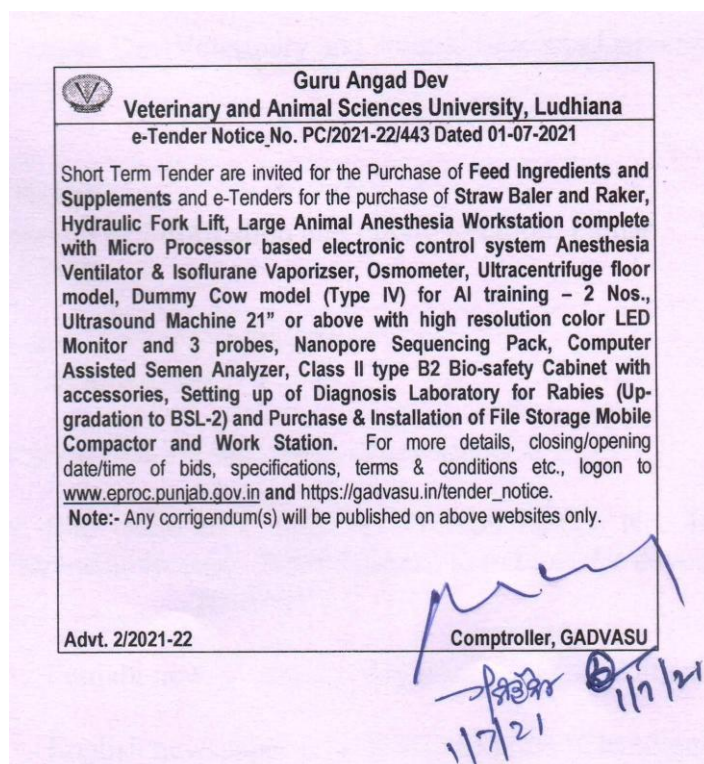


Purchase Cell, Office of Comptroller
GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY
Ferozepur Road, Ludhiana- 141004 – Punjab (India)
Email : officepurchasecell@gmail.com, Phone 0161-2553353

NOTICE INVITING e-TENDER (NIT)



DETAILED NOTICE INVITING e-TENDER (DNIT)

Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana invites e-tenders through the website <https://eproc.punjab.gov.in> under two bid systems from eligible and qualified bidders (Manufacturer/Sole Selling Agent/Distributor/Authorized Dealer) for the supply of the following items, as per the required specification with full terms & conditions.

Details of required item(s):-

Sr No	Name of required item(s)	Quantity	Name of indenting department/ place of delivery /installation of item(s)
1.	Setting up of Diagnostic Laboratory for Rabies (Up-gradation to BSL-2) in the College of Animal Biotechnology, GADVASU, Ludhiana Complete as per required specifications with accessories (If any)	One	Professor cum Head, Department of Veterinary Pathology, COVS, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana-141004 (Punjab)

<u>CRITICAL DATE SHEET</u>	
eTender Reference No.	PC/2021-22/443
eTender ID No.	2021_DAH_68013_1
Last Date & time for submission of online Bid NOTE: <i>If the bidders using Net Banking Service of banks other than SBI are advised to must deposit online Fees in advance at least (3) three working days prior to the last date of submission of the Bid.</i>	27-07-2021 upto 11.30 am
Date & time for opening of technical Bid NOTE: <i>If sufficient bids are not received within stipulated time, tender may be extended/ re-tendered or opened with new date & time as per the recommendations of sub purchase committee.</i>	28-07-2021 at 11.50 am
Contact person for required item(s) related any enquiry	Dr. Bhupinder Singh Sandhu, M- 98145-15874, Email Id- bhupisandhu@rediffmail.com, officevetypathology@gmail.com

<u>DETAILS OF FEES</u>		
Sr No.	Details	Amount (Rs)
1	Tender Fees (Non-refundable)	1,800/-
2	Earnest Money Deposit (EMD) (Refundable) The EMD will be returned to the unsuccessful bidders automatically by the State Public Portal i.e. http://eproc.punjab.gov.in . Note: <i>Earnest Money Deposit (EMD) of successful bidder will be refunded only after receiving the satisfactory report from the inspection committee of the concerned department/college as per the tender terms and conditions, and guidelines laid down in the Purchase Procedure of Guru Angad Dev Veterinary and Animal Sciences University.</i>	70,000/-
3	Total Processing Fee including GST @ 18% (in INR)	2,360/-

Important Note:- 1. The e-Tender of Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana appeared/listed on website <https://eproc.punjab.gov.in> under Organisation "Department of Animal Husbandry" and Division "Purchase Cell". For details logon to www.eproc.punjab.gov.in and https://gadvasu.in/tender_notice. Any corrigendum(s) will be published on above websites only.

2. The interested bidders are advised to submit/upload their bids/documents well in advance before closing date/time to avoid any problem at the later stage.

3. The bidders using Net Banking Service of banks other than SBI are advised to submit their EMD and other fees (if any) in advance at least (3) three working days prior to the last date of submission of the Bid.

4. At the time of Technical Evaluation of Technical Bids, the sub purchase committee may ask all/any bidder(s) to submit the hard copy of any document or any additional documents or show presentation/demo of product or any query (If required) for verification/approval of Technical bids.

5. Financial Bids will be opened only of those tenderers, who qualify and are found suitable during the processing of Evaluation of Technical Bids. Financial Bids will be opened immediately after receiving Technical Evaluation report from the concerned sub purchase committee.

Detailed specifications of the required item(s):-

**Department of Veterinary Pathology, COVS
Guru Angad Dev Veterinary and Animal Sciences University, GADVASU**

Technical Specifications for the setting up of Diagnosis Laboratory for Rabies (Up gradation to BSL-2) in GADVASU.

BSL II LAB FACILITY

BSL II Lab Facility shall comply clean room requirements including negative pressure, HVAC system and air compressor, supply and exhaust HEPA filter system, PUF/ Sandwiched specialized partitions, PUF sandwiched walk-able ceiling, epoxy joint less floors with radius coving round corners.

The bidder shall be responsible to construct BSL II Lab Facility in line with design lay out enclosed, its fabrication and technical support at site, supervision of other construction, air balancing, testing and commissioning.

Technical and operation documentation should be provided by the bidder and the bidder will be responsible for performance tests for the room by demonstrating –

- (i) Wall panels check according to the clean air specifications
- (ii) HEPA filter leak test according to the US Federal Standard 209E.
- (iii) Room differential pressure test verification,
- (iv) Particle test for cleanliness, according to US Federation 209E;
- (v) Air pattern smoke test.
- (vi) Air velocity test;

TECHNICAL SPECIFICATIONS:

Heating, Ventilation and Air Conditioning (HVAC) system

- (i) Combined type air handling unit (Tonnage according to lab design) with temperature control from **24- 26°C** and relative humidity value control from **55-60%**
- (ii) Independent supply & exhaust blower
- (iii) Unidirectional inward air flow with 80-90% recirculation and 10-20% exhaust

Heaters:

The AHU shall be having strip/tubular heaters of suitable capacity to control the clean room temperature in the specified limits in winters.

The heaters shall be complete with suitable extruded aluminum frame, insulating supports etc.

Thermostat in hot redundant arrangement will be provided at the outlet of the heater section for safety of the heaters.

Supply & Exhaust High Efficiency Particulate Air (HEPA)

- (i) Supply & exhaust HEPA filters (Qty-dependng on air quality and lab design, kindly specify in tender) having particle size 0.3 μ m particle size with efficiency of 99.99%
- (ii) All air supply and exhaust should be fine filtered
- (iii) All fresh air ducts and their outer inlets should be installed with insect proof barrier
- (iv) 2 stages Pre-filter with ASHRAE specifications –Pre Filter and Fine Filter
- (v) Supply & exhaust GI fixture

1) 2) 3) 4) 5) 6)

Air Handling Unit (Capacity: - 3000 CFM 125 SP)**BODY**

Double Skin AIR HANDLING UNIT Comprising of Framework Assembled Out of Extruded Aluminium Thermal Break Profiles and Peralumin Nylon Glass, Fibre Reinforced Corner Joints Having Double Skin Sandwich Panels Injected with PUF 43 mm, Panel inner sheet GI 0.6 mm and outer sheet 0.6 mm Pre Painted GI .Limit switch, Marine light,

FILTERS WITH FILTER SECTION(MAKE-TRUE AIR,THEMODYNE,

"Pre FilterEU-4]: Flange type, Al. const., Washable HDPE, 90% down to 10µ With Mixing.

"DX COIL

Casing: G.I.sheet/MOC Tube:0.4mm thick,12.5mm dia, Copper, Hydraulically tested at 250psi./MOC Fins:0.16 mm thick,Aluminum,12 fins/inch properly bonded with tube/Face Velocity:@500FPM/Row Deep-Six

HEATER**PLUG FAN**

Make: Nicotra / Rosenberg, Type: Plug Fan

MOTOR

Make : Crompton,/Bharat Bijli/ Havells

Type:TEFC,IP:55,Foot Mounted, Poles: 2 or 4/RPM:1440/2800, Volts:3Ø,415,Mounting:Heavy duty channels, motor should move on both axis[X & Y]

CONDENSING UNIT

8.5 TR (Carrier/Voltas/ Bluestar), Distributors (MAKE-COOL TECH), Expansion Valve(MAKE-DANFOSS)

Copper Piping with Insulation, Condensing Unit Stand, RH & Temperature Controller(REDIX), Dryer Hand set up valve,

ELECTRICAL PANEL

Electrical panel with RYB Indicators, (suitable capacity of MCB) Contactors(DOL & Heater, O.L.R), start/stop push button (D.O.L& VFD), Auto/Manual Selector Switch(V.F.D&D.O.L),ON/OFF Selector Switch(DX & Heater),on, off, strip(D.O.L) ON,OFF(VFD & Heater) Indicatore, Electrical Panel Shall Be Totally enclosed, with Hinged Doors, Gasket 7 Suitable For Locking Arrangement and VFD Port arrangement. Electrical Power Cabelling with Cable Tray

CONDENSING UNIT

(Out Door Unit) Cable With Tray, (6 mm 4 Core Flexible Cable) For 8.5TR Outer Door Unit, RH & Temp Controller, (1 mm 4 Core Flexible Cable) For RH & Temp, Limit Switch And Marine Light, (1 mm 3 Core Flexible Cable) For Limit Switch and Marine Light

VFD

KW:- 5.5 HP :- 7.5

*Note: (VFD suitable capacity of SFU for isolation & start/stop push button, on/off/ indicators port auto/manual selector switch arrangement

Air Duct:

- The ducts shall be designed for 100 mm of WC pressure.
- Ducting shall be complete with dampers, vanes, anchor fasteners, supports, access doors, neoprene rubber gaskets etc.
- All the ducts shall be supported with the building structure with GI threaded rods of 10mm dia. and spring isolators of GI or coated suitable for clean rooms.
- All the edges with minor leaks should be sealed with silicon sealant.
- The ducts fabrication work shall be carried out in dust free environment.
- During the construction, the contractor shall temporarily close duct openings with sheet metal covers to prevent debris entering ducts and to maintain opening straight and square.
- All duct work shall be of high quality approved galvanized sheet steel guaranteed not to crack or peel on bending or fabrication of ducts. All joints shall be air tight and shall be made in the direction of air flow.

1) 2) 3) 4) 5) 6)

- The ducts shall be re-inforced with structured members where necessary, and must be secured in place so as to avoid vibration of the duct on its support.

Air Duct Insulation:

Thermal Insulation: All ducts must be insulated using high purity nitrile rubber as per following specifications.

- Supply air duct insulation with 19 mm thick nitrile rubber with aluminized surface
- Return air duct insulation with 19 mm thick nitrile rubber with aluminized surface

Air change:

Air changes should be as per guide lines to obtain the desired air quality standard for BSL II Lab (50-60 air changes).

Air-Tight Damper:

Air tight dampers should be GI and permit airtight criterion for decontamination. The system should be equipped with airtight damper to control the positive pressure stable. The volume dampers shall be of an approved type, lever operated and completed with locking devices which will permit the dampers to be adjusted and locked in any positions and clearly indicating the damper position. After completion of the duct work, dampers are to be adjusted and set to deliver air flow as specified on the drawings. The damper blades shall also be of extruded aluminum sections. The grill flange shall be fabricated out of aluminum extruded section. Grilles longer than 450 MM shall have intermediate supports for the horizontal louvers.

Diffusers:

The ceiling type square diffusers shall be of aluminum extruded sections with flush or step down face, as specified with fixed pattern and neck. All supply diffusers shall be provided with extruded aluminum dampers, with arrangement for adjustment from the bottom.

RISER SET

Riser Filter, RISER DAMPER, RISER PERFORATED SHEET (9 each)

Filters:

- The Clean Room ceiling system shall include ULPA/HEPA filter ceiling modules. (7 Nos.)
- The filters will be used as terminal air distribution device. The air supply plenum shall be connected directly to a connecting collar on the filter top with individual GI damper in the plenum and flexible ducts.
- The filters shall be H14 class of HEPA filters as per EN1822 with an efficiency of 99.99% down to 0.3 micron for BSL II Lab. Filter size shall be matching with 600x600 mm grid size.
- The filter shall have expanded sheet metal face guard.
- The filter shall be held in place utilizing 'hold down' devices with the Ceiling grid using channel on the filter top and T bolts in the ceiling grid pressing the filter against ceiling grid.
- Filter media shall be bonded to extruded aluminum cell sides.
- Supply casing shall be factory mounted to filter cell sides.
- The face of the extruded aluminum frame shall align with the face of the ceiling grid system.

Differential Pressure Gauge:

The Clean Room facility must have provision of differential pressure gauge (Qty: As per design)

EXHAUST UNIT:

Double Skin EXHAUST UNIT Comprising of Framework Assembled Out of Extruded Aluminium Profiles and Peralumin Nylon Glass, Fibre Reinforced Corner Joints Having Double Skin Sandwich Panels Injected with PUF25 mm, PUF insulation panel of density $40 \pm 2 \text{ Kg/m}^3$, Panel inner sheet GI 0.6 mm and outer sheet 0.6 mm, Pre Painted GI, Base Section (GI), Limit switch, Marine light,

FILTERS WITH FILTER SECTION

"Pre FilterEU-4]: Flange type, Al. const., Washable HDPE, 90% down to 10μ With Mixing.", PLUG FAN Make: Nicotra / Rosenberg, Type: Plug Fan, MOTOR Make: Crompton/Bharat Bijli/ Havells, Type: TEFC, IP: 55, Foot Mounted, Poles: 2 or 4/RPM: 1440/2800, Volts: 3Ø, 415, Mounting: Heavy duty channels, motor should move on both axis [X & Y]

1)

Bijli 2)

3)

4) Singh

5) Singh 6)

7)

VOLUME CONTROL DAMPERS

Type: Box ,Aerofoil profile opposed blade, Gear driven, Low Leakage/MOC: 18 swg Extruded Aluminum./Other: Marked for Open & Closed./Location-Exhaust Return,

EXHAUST UNIT:- 3500 CFM SP 45 MMWG (HALL,CORRIDOR,A/L-1,A/L-2,ROOM-1,2)

Walls and Partitions:

- i. A specialized wall panel system for the inner perimeter of lab made up of PUF panel (sealed from all 6 sides) not less than 50 mm thick with wall (PUF Insulation density: 40+2kg/m³ Both Side Skin: minimum 0.60 mm thick Permanently Color coated Galvanized mild steel as per IS:277, Galvanized Grade 120 GSM / M3. Yield Strength is 240 MPA.) The panels shall be specifically for clean room and shall not be affixed utilizing cam lock arrangement between them
- ii. The gaps in between panels to be filled by suitable color matching room temperature vulcanizing (RTV) sealant
- iii. The modular panel should be suitable for negative pressure and must be airtight and chemical resistant
- iv. The wall panel thickness should vary between 50 mm and should have a stronger bearing and a mass anti-bending capacity
- v. The modular panel must have capacity of anti-negative pressure around -2000 Pa, and should not be deformed in the negative pressure environment
- vi. There must be provision of cut-outs on the walls to accommodate double fixture viewing glasses, electrical outlets, monitoring devices, emergency warning systems, pass-thru cabinets

Ceiling:

- i. The specialized ceiling should be of PUF sandwiched paneled 50 mm thick walk able type
- ii. The solid ceiling panels shall be specifically for clean room and shall not be affixed utilizing cam lock arrangement between them
- iii. Ceiling panels must be constructed with either upside or room side, finishing with GI panel as same as the wall panel materials
- iv. The ceiling grid should provide a leak proof filter grid system.
- v. The grid shall be designed for gasket seal type ULPA/HEPA filters.
- vi. Lighting shall be mounted on to the ceiling grid.
- vii. HEPA/ULPA filters to be fixed to filter grid and properly sealed to prevent ingress of air bearing particles or other contaminants.
- viii. Ceilings to be sealed to prevent ingress of air bearing particles or other contaminants, from the ceiling void.

Covings:

Covings, used to link wall-wall, wall-ceiling, wall-floor, etc., should be made of industrial plastic/ Extruded Aluminum powder coated " Clip ON " Type coving with Male / Female and shaped by Mould manufacture Smooth radius arc should be installed at all inner, outer of wall-to-wall, wall to floor and wall-to-ceiling joints to form a smooth and continuous round surface for easy cleaning purpose. Connectors for entire wall to wall and wall to ceiling and having similar construction and finished as the wall. Should be properly sealed with silicon sealant with wall and ceiling. Color to match with wall panels.

Specialized Flooring (Epoxy- Joint Less)

High quality - universally accepted, epoxy flooring, possessing self-levelling physical properties on account of which a dust-free /seamless uniform floor finish is achieved. Along with good abrasion resistance, the flooring should also display equal resistance to light foot and vehicular traffic.

- i. The containment must have waterproof and chemical resist epoxy flooring 2+2 mm thick (as per guidelines laid down by WHO) above the base, the floor (for entire Area) should be first covered by epoxy material for waterproof and leveling purpose.
- ii. Around the inner perimeter of the walls should be carefully sealed with RTV sealant and all coved wall corner joints should be carefully formed and sealed

1)  2)  3)  4)  5)  6) 

Customized Door:

Specialized doors (2100x1000mm single door) to be installed in the controlled area should be powder coated GI sheet Honey Comb sandwiched with observing window, self-closer and handle, lockable, airtight and self-closing type with drop seals

- i. Doors should be of Galvanized Sheet, 0.6 - 0.8mm thick, powder coated finish, having viewing window SS Handles, SS hinges and door closers
- ii. Doors inside the controlled area (Air lock) should be interlocked
- iii. Emergency doors with panic latch.

Cleanroom windows:

Flush double-glazed fixed to the partition panels for the required sizes and quantity. (Tempered Glass thickness minimum 5-6 mm). Glass of corridor window as well as outside to be of the clean room transparent as per clean rooms requirements. Number and size of Windows as per the Cleanroom design/ layout requirements.

Electrical System:

The electrical connections should be fitted in such as way that there will be barrier between PUF and electrical connections. Any spark or any other fault should not come in direct contact with PUF.

Power outlets on the wall panels for all the equipment's. These include both 3-Phase and Single-Phase power sockets. All power sockets and switch boards should be cleanroom compatible and as per the utility as per clean rooms and comfort area layout design. All cables/wires to be copper conductor and to be approved makes. All PCC/MCC to be freestanding type with MCCB, MCBs and adequate indicating, measuring and protective devices. All circuit to be protected with MCBs, ELCBs and MCCBs, as per requirements. Electric load estimates along with single line diagram to be submitted with technical offer.

The vendor should supply and install the following items:

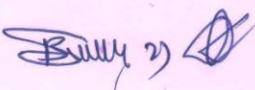

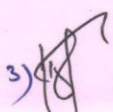

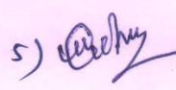

- MCC Panels for HVAC Equipment and for Power distribution system
- Starter panels for AHUs motors.
- Local control /Emergency push button for all motors
- Power and control cabling and earthing for HVAC/cleanroom areas.
- Distribution panels and Main control panels along with controls.
- Required wiring & earthing from these panels up to the process equipment's.
- Lighting and power distribution through GI conduits /cable management system.

The Clean Room Facility must be supplied with Electrical system having following features:

- i. Electrical wires (Havells/ Finolex/ Anchor/ Plaza/ Equivalent) lightings, Philips/Havells electrical boxes
- ii. Sockets Brand: Legrand/ Havells/North West/L&T
- iii. LED Lightings: Philips/Havells/ Wipro to give 600-1000LUX
- iv. Electrical box should be customized according to the actual situation, the modules should be of Schneider/ Havells/ L&T or equivalent, the breaker and switch should be made of Havells/Anchor/L&T or equivalent
- v. There will be 15.0-5.0 amp (dual) Sockets (12-14 Nos.). Location of the same will be decided at the time of construction

The cables shall be laid as per IS-1255/1967, Indian standard code of practice.

- The cables shall be laid, as per drawings in the ducts/pipes/trays etc. along a short and convenient route between switch board and the equipment, (either in trenches, on wall or on hangers, supported from the slab). Cable routing shall be checked at the site of work to avoid interference with structure, equipment etc. Where more than one cables are running close to each other, proper spacing should be provided between them.
- The radius of bends of the cable should not be less than 12 times the overall dia. of cable in order to prevent undue stress and damage at the bends, the cables should be supported with wooden cleats on M.S. Supports, when laid in trenches, or wall/ceiling suspended hangers. When laid underground the cables should be covered with fine soft earth and protected with 2nd Class bricks. Suitable G.I. Pipe shall be used wherever cables are laid under the roads etc.

1)  2)  3)  4)  5)  6) 

Earthling:

Earthlings to be ensured for Electrical panel and Equipment.

Fire alarms:

2 Nos. of fire alarms for each room with controller should be provided.

Sterile Garment Cabinet

Cabinets shall be equipped with a UV Tube in a fully contained enclosure constructed of powder-coated steel sheets. They shall store clean room garments in a visible and organized manner, while at the same time removing particulate contamination from garments as they are stored and removed. Dimensions Clean air storage space L x W x H (900 x 600 x 600 mm)

Validation:

The validation, DQ, IQ, OQ, PQ, DRAWINGS TEST etc. shall be done and all CERTIFICATES to be provided

OPTIONAL ITEMS

Biometric Access:

Complete system for Biometric Finger Print based Access Control System. We are proposing Biometric Access (fingerprints) control system for restricted entry to the labs with following specifications:

- The controller shall have a verification time of less than 1 sec for 1:1, 1:N match for less than 500 templates. It shall be possible to connect multiple such door controllers in the same network and control more doors
- The controller shall have Tri Color LED indications in form of bar to display verification results.
- The controller shall indicate to the system when the door opened and closed after an authorized access or request to exit operation. The unused lock release time has to cancel when the door closed.
- The door controller shall work between a humidity range of RH 5~ 95 % non condensing humidity and between temperature range of 0 to 45 degrees.
- The controller shall store not less than 500 finger print templates.
- The controller should communicate with TCP/IP
- The controller shall be CE Certified.
- The controller shall be configurable via Electromagnetic Lock / Drop Bolt Lock with fail secure mode / Electronic lock with mechanical Lock.
- The controller shall have an Exit Switch provision to open the door from inside.

Pass box:

Static Pass box (**Qty 3 Nos.**) shall be installed for easy and safe transfer of material with following features. The pass box should have following features

- a. Made of 304 stainless steel
- b. Magnetic Door interlocking
- c. Internal Dimension shall be 600x600x600 mm
- d. Equipped with short wave UV light for decontamination

Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. The tendering company must have completed atleast 4 orders of equivalent amount or 8 orders of 50% amount or 12 orders of 40% amount in last 3 years. The technical bid shall be evaluated for acceptability by the technical committee and may call the tenderer for discussion & previous site visit (manufactured by tendered in past).

Eligibility and qualification requirements.

1. To be eligible for the award of Contract, bidders shall provide satisfactory evidence to the institute regarding their eligibility, capacity and adequacy of resources to carry out the Contract effectively. To this end, all bids submitted shall include the following information.

1) 2) 3) 4) 5) 6)

- a. Copies of original document defining the constitution or legal status, place of registration and principal place of business of the company or firm or partnership or if a joint venture, of each party there to constituting the bidder.
 - b. Details of the experience and past performance of the bidder (or of each party to a joint venture) on works of similar nature within the last three years, and details of current work in hand and other Contractual commitments shall be submitted.
2. For the purpose of this particular contract, bidder should meet the following qualifying criteria as minimum
- a. The bidder should be in business for a minimum period of 3 years at the time of bid opening in the same name and style.
 - b. The bidder should have completed a minimum of 2 similar work of the estimated value of the Contract, for which this Invitation to Bid is issued, during the last three years
Or completed at least 4 orders of equivalent amount or 8 orders of 50% amount or 12 orders of 40% amount in last 3 years.

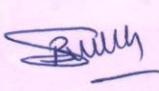


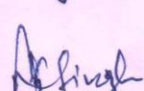


Schedule of Quantities and rates

- i. The specification for each item of work and schedule of quantities are given in the enclosed specifications sheet.
- ii. The rate quoted shall be inclusive of all applicable taxes and duties, material cost, labour cost, transportation of materials to site, loading and unloading charges and nothing extra will be paid on any account
- iii. While quoting the rates, the bidder should quote the rates for supply (material cost) and erection (labour cost) separately in the offer.

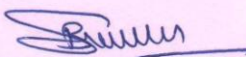
Warranty

The entire work executed should be warranted for a period of one year from the date of completion of the work.

It is certified that the above specifications are general and do not favour any specific model / company etc. - [Signature]

						
Name	Dr. B. S. Sandhu, Professor	Dr. L. Geeta Devi, Assistant Professor	Dr. Kuldip Gupta, Professor	Dr. Neeraj Kumar Singh, Scientist	Sh. Pritpal Singh, Superintendent	Sh. Sarabjit Singh, SPA(T)
Department	Indenter and Head, Department of Veterinary Pathology	Nominee of HOD, Department of Veterinary Pathology	Nominee of Director of Research, GADVASU	Special Invitee, College of Animal Biotechnology	Nominee of Comptroller, GADVASU	Non-teaching employee, nominee of HOD

Approved


 Professor-Cum-Head
 Department of Veterinary Pathology
 Guru Angad Dev Veterinary & Animal
 Sciences University, Ludhiana.

Guidelines for submission of TECHNICAL BID:

The Technical Bids should contain detail information on the following: -

- 1) Full Name of the Bidder Firm along with complete address. 2) Bankers Name & Address. 3) GST No.
- 4) PAN/TAN No. 5) Experience in line. 6) Validity of Offer. 7) Lead time/Delivery Period. 8) Payment condition.
- 9) Write-ups, Guaranty/Warranty, AMC details etc. 10) Quality Assurance/Monitoring system followed- Certificates where needed should be attached.

The firms are also required to upload copies of the following documents in a single file of .pdf format with Technical Bid:-

- a) Scanned copy of dully filled Check List.
- b) Scanned copy of Full details of Item(s), sub systems and additional items/accessories to be quoted (i.e. Full name, Model number, Name of Accessories, Manufacture Details, Literatures/brochures/write-ups, Guaranty/Warranty, AMC details etc.) as mentioned in the technical bid.
- c) Scanned copies of Brochure/leaflets/catalogues for equipments should be submitted in the technical bid.
- d) Scanned copy of all document(s) mentioned in the above detailed specification of the required items (if any).
- e) Scanned copy of the Authorization dealer/distributor/stockist certificate issued by Manufacturer.
- f) In case of imported equipment, scanned copy of Manufacturers Authorization Certificate issued by Principal Manufacturer duly verified by the Indian Agent.
- g) Scanned copy of Tender Acceptance letter & Undertaking (Annexure-I).
- h) Scanned copy of firm's Registration, PAN Card, GSTIN.
- i) Scanned copy of Income Tax Statement for the last year.

Guidelines for submission of FINANCIAL BID:

- (a) The rates should be quoted as per the BOQ uploaded on the SPP Portal. Taxes, if any, should be indicated separately. **Please mention the amount of GST under column no. 9 duly calculated as per total quantity required as per column no. 4 for each item.** The bidders are advised to download this BOQ.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. The Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered/modified in any manner, tender will be rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with GADVASU.
- (b) The bidders are advised to quote price for equipment in INR.
- (c) **The University is entitled for Discounted GST @ 5% on items which are covered under Notification No 47/2017- Integrated Tax (Rate) Dt 14th Nov, 2017, Notification No. 45/2017-Central Tax (Rate) Dt 14th Nov, 2017 and Amendment no. 10/2018- Integrated Tax (Rate) Dt 25th Jan, 2018 and University shall provide Declaration for GST Benefit.** Therefore all charges including GST according to above circulars and any other levies payable by University should be clearly indicated otherwise it would be presumed that the rates quoted are inclusive of all these charges and will not be paid. **Please mention the amount of GST under column no. 9 duly calculated as per total quantity required as per column no. 4 for each item in BOQ uploaded on the SPP Portal.**
- (d) The payment will be made after deducting TDS as per GST/Govt. Rules.

Guidelines for bidders for Registration and Submission of bids:-

1. For participating in the above e-tender, the contractors shall have to get themselves registered with <http://eproc.punjab.gov.in>. and get user ID & password. Bidders who have not registered with e procurement portal need to get registered by paying the requisite registration fee for e-tender participation and obtain Class 3 Digital Signature Certificate (DSC) which are mandatory to participate in the e-tendering process.
2. Bidders should enroll/register in the e-procurement module of State Public Procurement Portal (SPP Portal) through the website: [URL:http://eproc.punjab.gov.in](http://eproc.punjab.gov.in) for participating in the bidding process. Useful information for Registration of first time bidder and instructions for submitting the online bids on the SPP Portal is available at [URL:http://www.eproc.punjab.gov.in](http://www.eproc.punjab.gov.in) through its link "Bidder Manual Kit" (<https://eproc.punjab.gov.in/nicgep/app?page=BiddersManualKit&service=page>).
3. Tender Documents can be downloaded from the State Public Procurement Portal [URL:http://eproc.punjab.gov.in](http://eproc.punjab.gov.in).

4. Any change/corrigendum/extension of opening date in respect of this tender shall be issued through websites www.gadvasu.in and www.eproc.punjab.gov.in only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit these websites for updates. Bidder should also take into account all corrigendum(s) published before submitting the bids online.
5. The bidders are required to submit their bids online on the SPP Portal, using valid Digital Signature Certificates. Bids received only on SPP Portal will be considered, however bids sent through sealed cover/email/post/fax, etc. will be rejected.
6. The BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender.
7. *The units registered with National Small Industries Corporation (NSIC) or the concerned Ministry or Department shall be exempted from the payment of Bid Security (Earnest Money Deposit) as defined under General Financial Rules, 2017. In such case, copy of the certificate showing registration with the above mentioned institutions to be uploaded in Cover-I of the e-tender in PDF format.* The date and time fixed for closing of bids will remain unchanged, even if it is declared as a holiday by the Government. GADVASU will not be responsible for any delay in enrolment/registration as bidder or submitting /uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website URL:<http://eproc.punjab.gov.in> and obtain their Digital Signature Certificate and upload their bids/documents well in advance.
8. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority or the relevant contact person indicated in the tender.
9. For any clarification/difficulty regarding e-tendering Process please contact on helpdesk at Punjab State e Governance Society, Plot No. D-241, Industrial Area, Phase 8, Sector 74, Mohali, Phone No. 0172-2970263 & 0172-2970284. E-mail: eproc@punjab.gov.in and niceproc.punjab@gmail.com

10. Intimation Regarding Payment of Online Fees :

1. *The bidders using Net Banking Service of banks other than SBI are advised to submit their EMD and other fees (if any) in advance at least (3) three working days prior to the last date of submission of the Bid.*

2. *The bidders are hereby informed not to close/suspend their Bank Accounts, from which the EMD/Tender Fee/Processing Fee is being paid for respective Tender. In case of any refund issue relating to the respective tender, the Department would not be liable or responsible in anyway.*

11. Intimation Regarding Payment through NEFT / RTGS Mode *The bidders are hereby informed that settlement of NEFT / RTGS transaction does not take place on Sundays, 2nd and 4th Saturdays of a Month, and Declared Bank Holidays.*

General Terms & Conditions / Instructions for bidders:-

1. The interested, bona fide and reputed dealers/distributors/stockists/manufacturers or Indian agents (on behalf of their foreign principals) may submit online bids for each of the required item(s) along with all requisite documents, Tender Fee, Processing Fee and EMD.
2. EMD(s) for different required item(s) as indicated in respective cell(s) under the EMD column of the above table should be submitted separately for each item(s).
3. Tender shall be accepted only from Manufacturer/Sole Selling Agent/Distributor/Authorized Dealer.
4. The units registered with National Small Industries Corporation (NSIC) or the concerned Ministry or Department shall be exempted from the payment of Bid Security (Earnest Money Deposit) as defined under General Financial Rules, 2017. In such case, copy of the certificate showing registration with the above mentioned institutions to be uploaded in Cover-I of the e-tender in PDF format.
5. The EMD will be returned to the unsuccessful bidders automatically by the State Public Portal i.e. <http://eproc.punjab.gov.in>.
6. The EMD will be forfeited if the bidder fails to accept the order based on his/her offer/bid or fails to supply the items.
7. The supplier will have to complete the supply of materials within due time from receiving of purchase order. The liquidated charges @1% per week shall be imposed if supply is made after expiry of delivery period subject to maximum 10% of the total value of the order. After 10 weeks order shall stand cancelled. However competent authority of the University has reserves to right to accept the material even after stipulated period without any liquidated charges.
8. The quoted equipment shall be in compliance with the required specifications mentioned in tender and shall be of the latest technology, best quality and high standards. Any optional accessories/ tooling, besides the standard equipment recommended for the better performance of the equipment, if offered, be provided with their full technical details including their use and advantage in a separate sheet with the tender documents. No extra payment shall be paid on account of any discrepancy in nomenclature of items.
9. The item should be delivered F.O.R. at GADVASU/Research Stations/KVKs/Colleges etc. as mentioned in Tender document and the supplier shall be responsible for any damage during the transit of goods. The FOR price should be inclusive of all incidental charges i.e. freight, forwarding, insurance, etc.
10. The clearing charges from custom house will be borne by the Indian Agent of supplier.

11. All miscellaneous charges on foreign transactions make Form 15A and its subsequent charges on verification by Chartered Accountant would be borne by the bidder.
12. The documents will be provided to the Indian Agent on request by GADVASU.
13. Tenderer shall take into account all costs including installation, commissioning, cartage, etc. for giving delivery of material at site before quoting the rates. In this regard no claim for any extra payment for any reason shall be entertained.
14. The payment will be made after deducting TDS as per GST/Govt. Rules as applicable.
15. Our Institute is registered with DSIR and is exempted from Excise Duty & Custom Duty. Hence, CDEC/DSIR will be provided to the firm, if demanded. Rates should be quoted accordingly.
16. The quantity can be increased/decreased as per the actual requirement.
17. The supplier should give an undertaking that they will be responsible to carry out the preventive maintenance and to repair the equipment during guarantee and post guarantee period.
18. Full details of after sale service offered during the post guarantee period should be furnished along with tender specified.
19. Information of actual users of the equipment in India supported with evidences and performances should be furnished alongwith tender.
20. If required the working of the equipment must be demonstrated in any place to be specified by the supplier.
21. The supplier shall train to the satisfaction of the purchaser one or two technicians at site/factory for operating, servicing and undertaking minor repairs without extra cost.
22. The bidder is required to furnish the non-blacklisting certificate as per Annexure – II.
23. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any tender stipulate any condition of his own, such conditional tender is liable to be rejected.
24. GADVASU reserves the right to accept/reject any or all the tenders in part/full without assigning any reason thereof.
25. All disputes shall be subject to Ludhiana jurisdiction only.

Place: Ludhiana

Sd/-
Assistant Store Officer (Purchase)
Purchase Cell

Checklist		
Sr.No.	Details	
1.	Name and Complete Address of the Firm	
2.	Email Id and Contact number of the bidder	
3.	Permanent Account Number (PAN) No. of the Firm	
4.	Bank details of the Firm: Bank Name, Branch Address, Account Number., Type of Account (Current/Savings), MICR Number , RTGS/NEFT Code etc.	
5.	Details of Quoted item(s) i.e. Name, Make, Model Number etc.	
6.	Attached scanned copy of Full Details of item(s), Sub systems and additional items/accessories to be quoted (i.e. Full name, Model number, Name of accessories, Manufacture details, Literatures/Brochures/Write-ups, Guarantee/ Warranty, AMC details etc.) as mentioned in the technical bid. (Write YES OR NO)	
7.	Attached scanned copy of the Authorization dealer/distributor/stockist certificate issued by manufacturer (Write YES OR NO)	
8.	In case of imported equipment, Attached scanned copy of Manufacturers Authorization certificate issued by Principal Manufacturer duly verified by the Indian Agent. (Write YES OR NO)	
9.	Attached scanned copies of all other document(s)/ certificate(s) mentioned/required in the DNIT. (Write YES OR NO)	
10.	Attached scanned copy of Tender Acceptance letter & Undertaking (Annexure-I). (Write YES OR NO)	
11.	Attached scanned of firm's Registration, PAN Card, GSTIN. (Write YES OR NO)	
12.	Attached scanned copy of Income Tax Statement for the last year. (Write YES OR NO)	
13.	Whether the accessories (if any) are included in price of equipment item(s) quoted by you? (Write YES OR NO)	

Date:

Place:

**Signature of the Bidder
with Official Seal**

Name -----

Designation-----

TENDER ACCEPTANCE LETTER & UNDERTAKING

(To be given on firm letter head)

Date:

To,

Assistant Store Officer,
Purchase Cell O/o Comptroller
Guru Angad Dev Veterinary and Animal Sciences University
Ludhiana

Tender Reference No: _____

Name of the tender/work:- _____

Sir,

1. I/we have downloaded the tender documents for the above mentioned Tender/Work from the website(s) www.eproc.punjab.gov.in as per your advertisement.
2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page **First** to **Last** (including all documents like Annexure(s), schedules(s), etc.,) of **DETAILED NOTICE INVITING e-TENDER** which form part of the contract agreement and I/we shall hereby abide the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization has also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender terms and conditions of above mentioned tender document (s)/corrigendum(s) in its totality /entirety.
5. I/we certify that the items/products quoted by our firm comply all required Technical Specifications as mentioned in the DNIT (Detailed Notice Inviting Tender) under 'Detailed Specifications of the required items'.
6. I/we hereby certify that all miscellaneous charges on foreign transactions, make Form 15A and its subsequent charges on verification by Chartered Accountant would be borne by our firm /dealer/distributor.
7. I/we hereby certify that our company/Firm and Manufacturer/Principal Firm have not been **blacklisted/debarred** by any Govt. Department/Public Sector Undertaking/ Research Institution/Statutory body/University in India during the last **Five** years.
8. I/we certify that all information furnished by our Firm is true and correct and in the event the information is found to be incorrect/untrue, then your department/organization shall without giving any notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully

Date:

Place:

**Signature of the Bidder
with Official Seal**

Name -----

Designation-----