3 November 2016

Name and Specifications of the project:

Sealed tenders are invited in Two Parts, (I- Technical Bid and II- Price Bid) on behalf of the Director, IISC, Bangalore for the work "**Up- gradation and revamping of existing room into ABSL 3 (Animal Facility - ABSL 3) facility including Design, engineering, Supply, Installation, Commissioning, Testing and 3rd, Party Validation&Documentation along with Operation & Comprehensive Maintenance of the facility for 12 months after successful handing over to IISC-CIDR"** at IISC, Bangalore, Centre for Infectious Disease Research (CIDR) Biological Sciences Division. IISC, Bangalore-560012, Karnataka" from well experienced and specialized companies, as per the schedule of work and General Terms & Conditions available in the Institute office and on the Institute's website **www.iisc.ernet.in.**

Please send your best technical and price quotation for the following item with various accessories on C.I.P. IISC, Bangalore basis to the undersigned. Your quotations for the upgradationandrevamping of existing room including design, supply, installation, commissioning, testing, 3rd Party validation & documentation along with operation & comprehensive Maintenance of the facility for 12 months after successful handing over to IISC-CIDRat 'IISC', Bangalore, India needs to be distinct and should clearly indicate the terms of delivery, delivery schedule, entry tax, payment terms, etc.

The tender should be submitted in two separate sealed envelopes: onecontaining the technical bid and the other containing the commercial bid, both of which should reach the undersigned, duly signed on or before 1700 hours November 25, 2016. All vendors are permitted to visit the facility for physical inspection after setting up an appointment with CIDR authorities (please send email to office@cidr.iisc.ernet.in) latest by November 20, 2016. The technical bid must include details of design considerations, technical specifications of the equipment along with commercial terms and conditions; however, the price components should **NOT** be shown. The commercial bid must include the price of the item indicating the break-up of the following:

(i) The price of the goods quoted in CIF CIDR, IISC, Bangalore.
(ii) The charges for insurance and transportation of the goods by Air/Road upto IISc, Bangalore.
(iii) The installation, commissioning and training charges including any incidental services, if any.
(iv) Quotation for Operation & Comprehensive Maintenance of the facility for 12 months after successful handing over
(v) Please enclose a compliance certificate along with the technical bid.

IISC, Bangalore intended to up-grade and revamp the existing room adjacent to BSL 3 laboratory facility located at CIDR centre inside the institute campus according to the minimum acceptable regulatory recommendations established by WHO and CPSEA related to regular operation of ABSL: 3 lab. This is an educational-research & development establishment. Users will not go for commercial production of any vials/ ampoule in large scale and should be used as an R&D study establishment. The existing facility is located at the ground floor of the specific CIDR building. Animal facilities should be supplied with 100% fresh air. Air should NOT be re-circulated within the facility. There should be no possibility within the system for cross- contamination of fresh air with exhaust air. Air must be exhausted efficiently so that the contaminants in the facility environment do not accumulate beyond acceptable levels and the air exhausted out should be free from contaminants and below the permissible limits.

The specific requirement of the Animal ABSL 3 requirements along with stipulated indoor climate guidelines confirming to WHO recommendations as applicable for the ABSL 3 lab facility. The HVAC and other system with dedicated once through HVAC system with other accessories including DX air chilling/conditioning supply, fully auto control system, 3 stage filtration system to ensure supply of treated and filtered air flow into the specified area confirming to class-100,000, necessary GI ducting, Chiller to AHU piping including manifold, necessary automation and control system for maintaining and monitoring ABSL 3 lab internal environment, Electricals & controls, ducting insulation etc complete in all respect to maintained the desired Temperature 21±2°C & RH 55±5% and required NEGATIVE pressure cascade. CCTV camera monitoring systems should be installed to monitor the work inside the ABSL3.

Scope of work:

- Dismantling, repairing and modification of existing building, internal finishing comprising of wall, ceiling, window, access door, partition wall system, revamping and modification of etc as per suggested layout and up-grade it as per site requirement including supply/installation of all applicable materials and necessary labours etc related for specified area & route (route for installation of system) of the lab.

- Supply, installation, testing and commissioning of newly installed AHU with 3-stage filtration system, heater, motor blower, wiring etc complete in all respect. DX type AHU system, Dedicated Exhaust Air System installed and connected air distribution system through PVC/GI outside/inside ducting up-to the lab area complete in all respect with all materials and labours etc including dismantling and repairing of civil parts.
- Supply, Installation, Testing and commissioning of new set of air-cooled condensing units required for interconnection with new AHU system complete with all necessary valves and controls as required.
- SA Duct Mounted heater section fitted with Tubular Air Heating Elements filled with best quality MGO Powder, Stainless Steel - 304. Sheathed with G.I. Finns. Terminal Box in G.I dust-proof construction, 16 SWG GI enclosure complete with Primary and Secondary step control system in sequences to be configured according to the sensors to be installed in Animal Facility in different locations, corresponding mapping to be arranged for sequential ON/OFF command to trigger the respective heating element for effective control of RH as per stated parameter.
- Out-door type Main Electrical LT Panel with bus bar and sub MODULES for HVAC control system. Panels shall have aluminium bus bar and required necessary tripping arrangement. Free floor/wall mounted, indoor type, front operated, Top/Bottom cable entry. Panels made out of powder coated 2 mm sheet steel, PVC colour coded. With Humidity control system.
- Field communication cabling system network to be completed between TEMP / RH sensors and controllers and finally with power distribution boards / MCC. All field instruments shall be located in close vicinity of the working staff enabling them to check and operate accordingly.
- Field mounted Humidity and Temperature control deviceto be installed and mapped for working in sequence with operating parameters of the ABSL 3 lab. Control panel box with step operation module is proposed in technical room only.
- The Tubular heating section (multiple section stage) to be installed at the AHU / Duct in specific location inside technical plant room space only for easy check and operation-maintenance.
- EA duct/room mounted Temp sensors to be installed which shall be guided by control system to be installed in coordination with solenoid valve in PLC panel of the existing condensing units to work in sequence to the command received from input status of EA.
- Required GI / PVC / FRP ducting network to be done with all air flow control devices mainly VCDs and registers / diffusers, Fire Dampers should be throttled in stages according to flow balancing as required with reference to required negative air flow pattern in main ABSL 3 labs only.

- Magnahelic gauges are proposed for installation at entry door top of the ABSL 3 labs to check status of air flow movement before entering the lab space.
- Provision kept for 100% stand by drive arrangement designed inside the AHU itself.
- SITC of Automation and BMS system and integrated Operator Terminal to view the DATA (Temp & RH) through device control configuration. Automatic Temperature and Humidity control arrangement.
- Dedicated exhaust system to be installed for interconnection between IVC exhaust outlets and system exhaust for effective removal of air from IVC
- Auto commanded VFD arrangement to ensure desired constant air supply/ACPH to lab area.
- Visual check device near AHU itself for maintaining healthy condition of filters.
- DX type condensing unit proposed for independent operation of the specified HVAC system for the lab.
- Testing and commissioning of system and 3rd, Party Validation of specified ABSL 3 lab room ambiance with documentation in co-ordination with IISC team.
- Providing & fixing SS 304 matt finish Laboratory work bench of size 700 x 1250 mm. with revolving sitting arrangement 4 nos and 1 set Animal Change station of SS-304 / 316 grade

Air cooled condensing Units: -

Supply, installation, testing and commissioning of Air cooled condensing unit of nominal capacity 16.5 TR comprising of multiple scroll compressors with air cooled condenser unit, inbuilt/fitted control panel with all other accessories as per original manufacturer. These compressors shall be operating with R22 refrigerant. Complete with necessary copper piping and insulation with fittings. The Refrigeration piping with insulation from Air cooled condensing unit to Air Handling Unit with all accessories, supports, Expansion Valve, Solenoid valve, pressure/leak testing and R22 refrigerant gas top-up or charging complete in all respect.

Air Handling System: -

ONCE THRU TYPE - Modular double skin air handling unit factory fabricated from aluminium extruded section from structure. The panel shall be 43±2mm thick having PUF in-fill in between two skins, inner skin in 24G GI plain and outer skin in 24G GI pre-coated construction. The twin blower and motor assembly shall be on a common base frame and shall be mounted on vibration isolators within the blower section, fresh air capacity: 5500 cfm / static Pr 140mm wg. Fan discharge ducting shall be isolated from AHU casing by a fire retardant type flexible connection. Inspection doors shall be provided in blower section (as per site requirement). All section shall be mounted on a common skid with coving. AHU shall be complete with:

- Air Handling Units shall be Modular Double skin of 43±2mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI as outer skin. Complete in all respect.
- The centrifugal DIDW fan with twin TEFC motor.
- AHU shall have Fresh / Supply air/Exhaust air intake louver with insect screen and aluminium VCD.
- The Pre filter section with EU-3 filters (50mm deep), Fine Filter section (EU-9) and EU-13 HEPA filters mounted on common frame.
- Electric Tubular Heater section shall be provided at the downstream of cooling coil inside AHU to achieve desired Temp. & RH during Monsoon.
- The DX type cooling Coil section with distributors and 8 Row deep DX coil (16.5 TR, cooper tubing with aluminium fins) with SS drain tray duly insulated.

Exhaust System:

EXHAUST AIR UNIT - Modular Double skin Exhaust Air Handling Units of 25+/-2 mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI outer skin all as per specification including centrifugal DIDW fan with twin TEFC motor. AHU shall have aluminium Exhaust air VCD, Micro Filter section (EU-9), HEPA filter section (EU-13), static pressure of 110 mm/Wg - With TWIN MOTOR ARRGT. AHU Capacity: 6300 cfm

Air Circulation and filtration System: -

- The supply air is transported to the ABSL 3 area (PVC/GI/FRP - ducted) through the SA/RA Diffusers/Register with VCD into the ABSL 3. Exhaust air from ABSL 3 areas are taken back through Exhaust air registers with suitable VCD and control devices. This supply and Exhaust air ducting shall be routed through ceiling space of the building, the ducting should be duly insulated with factory fitted Aluminium foil faced Trocellen/Armaflex, 19 mm insulation. All duct supports shall be of MS construction duly painted with 2 coats of primer followed by enamel painting.
- All supply/Exhaust air ducting shall be sealed with RTV silicon sealant

Electrical Panel: -

- The Main Electrical LT Panel shall have bus bar for HVAC, Power System and laboratory Equipment. Panels shall have suitable aluminium bus bar, Incomer MCCB and required outgoing MCB breakers, starters, connector, contactors, meter, selector switch, CT & PT etc and necessary tripping arrangement etc. (Free floor mounted, outdoor type, front operated, Top/Bottom cable entry.
- Panels shall be made out of powder coated 2 mm sheet steel, PVC colour coded bus bar. With VFD enclosure along with ventilation fan. Suitable for AHUs, EXUs, Condensing unit, PDB / LDB, & IBMS control system.

Electrical System:

Main incoming power shall be 1.1 KV grade PVC/ XLPE insulated aluminium/ copper conductor armoured/ Un-armoured cables on cable tray and flexible cable through MS/PVC conduit on cable tray. Main Electrical control panel MCC shall be provided dedicated for all equipment supplied under this scope of work. The electrical panels are to be placed at Technical area near installation site of AHU. Necessary Earthling strip / wire shall be provided

Automation and Controls: -

Automation and Building Management System, to monitor and control of HVAC System. Room temperature, Pressure and RH shall be controlled through Programmable Logic Controller - supported by port operator Terminal. DDC panel Enclosure for automatic control arrangement. RH shall be controlled by tubular type electrical heater mounted inside AHU/SA duct. The same heater shall be used for winter heating. Room differential pressure shall be maintained by VFD, supported by Air-Velocity sensors installed inside SA and EA main duct, this will ensure constant calculated air flow inside the ABSL 3 lab facility.

LABORATORY TESTING SCHEDULES

ABSL 3 laboratory rooms shall be tested for the following parameters. All tests shall be carried out in coordination and presence of nominated IISC, executive and 3rd, party invigilator.

a. Particle count forABSL 3 cleanliness (class-100,000)
b. HEPA filter installation leak test
c. Differential Pressure check
d. Room Temperature **21±2˚C**
e. Room Humidity **55±5%**
f. ACPH as per actual flow rate
g. Room Illumination test (400 LUX)

Primary Schedule of Material

S.No	Description	Unit	Qty	Rate(Rs)	Amount (Rs)
1	**Air Conditioning System.**				
1.1	Supply, Installation Testing & Commissioning of DX - Air cooled condensing unit of nominal capacity 16.5 TR comprising of multiple scroll compressors. Complete with necessary copper piping and insulation with fittings.	Set	1		
1.2	Supply, Installation Testing & Commissioning including necessary control system installation in condensing units in coordination to air-flow check as required	Set	1		
1.3	Refrigeration piping with insulation from Air cooled condensing unit to Air Handling Unit with all accessories, Expansion Valve Solenoid and R22 refrigerant gas top-up charging	Set	1		
2	**Air Handling Units**				
2.1	ONCE THRU TYPE - Modular Double skin Air Handling Units of 43+/-2 mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI outer skin all as per specification including centrifugal DIDW fan with TEFC motor. AHU shall have Supply air aluminium air-intake louver, Pre filter (EU-3), Fine Filter section (EU-9), HEPA filter section (EU-13), Tubular Heater section with heater bank, DX type Coil section with 6 Row DX coil (16.5 TR), static pressure of 140 mm/Wg - *With TWIN MOTOR ARRGT*. AHU Capacity: 5500 cfm	Set	1		
2.2	Structural framing arrangement as required for site duly painted	Set	1		
2.3	EXHAUST AIR UNIT - Modular Double skinExhaust Air Handling Units of 25+/-2 mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI outer skin all as per specification including centrifugal DIDW fan with TEFC motor. AHU shall have aluminium Exhaust air VCD, Micro Filter section (EU-9), HEPA filter section (EU-13), static pressure of 110 mm/Wg - With TWIN MOTOR ARRGT. AHU Capacity: 6300 cfm	Set	1		
3.0	**Air Distribution System**				
	GI Ducting complete with MS painted flanges, all joints sealed with RTD silicon sealant with MS painted supports as per IS-266 with Zinc deposition 120gms/sqm. Along with required duct-thermal insulation in new duct sections				
3.1	GSS-24 Swg ducting including accessories, Support arrangement and Thermal insulation	Sqmt.	75		
3.2	GSS-22 Swg ducting including accessories, Support arrangement and Thermal insulation	Sqmt.	35		
3.3	Aluminium Aerofoil Gear Operated volume control dampers for AHU and Ducting	Sqmt.	5		
3.4	Duct Insulation with 19 mm thick aluminium foil faced ARMAFLEX and all joints shall be provided with 2" aluminium tape.	Sqmt.	140		

3.5	Fuseable link type UL 99 rated Fire dampers at AHUs & EAUs (Supply air and Exhaust air unit)	Nos	4		
3.6	SA terminals and connected GI ducting system with VCD installation as required at site.	Job	1		
4.0	**Electricals / Controls**				
4.1	Main Electrical LT Panel with bus bar and sub panels for HVAC control system. Panels shall have aluminium bus bar and required breakers and necessary tripping arrangement. (Free floor/wall mounted, indoor type, front operated, Top/Bottom cable entry. Panels made out of powder coated 2 mm sheet steel, PVC colour coded. With Humidity control system	Set	1		
4.2	Duct Mounted Tubular Heating Element complete with 4-step heater bank and interlocked cable circuit including GI duct section and control wiring	Set	1		
4.3	Field mounted Temp. and Humidity control device complete with control panel and connected communication wiring	Set	8		
4.4	Ambient Temperature/RH sensors	Set	8		
4.5	Variable Frequency Drive (VFD) ACS 510 with IP 45 protection and enclosure – ABB	Set	4		
4.6	BMS View port operator Terminal. DDC panel Enclosure Powder coated wall type with Transformer, MCB & terminal block	Set	1		
4.7	Programmable Logic Controller	Set	1		
4.8	Duct mounted Air velocity sensor and Room DPT	Set	4		
5.0	Power & Communication cable SITC as required	Set	1		
6.0	**Civil & Structural**				
6.1	Dismantling, repairing , reconstruction activity required for up-gradation and setting up ABSL 3 lab facility as required	Set	1		
6.2	Wall preparation with necessary water proofing compound and finishing with PU painting complete with Wall to Wall and Wall to ceiling coving of R-45	Set	1		
6.3	Re-construction and modification of floor finish complete with Polyvinyl-Antistatic Wonderfloor Vinyl flooring made from polyvinyl chloride (PVC or Vinyl) 2.5 mm Thk. All joints fusion welded (Roll sections should be used in-place of tile for lesser joints)	Set	1		
6.4	Clean room compatible 40mm Thk. CRCA powder coated double skin PUF insulated access door complete with all accessories like double glazing, SS D handle, drop seal SS Kick-plate, Dorma door closure and SS locking arrangement. 900 x 2100	Set	4		
6.5	Clean room compatible 40mm Thk. CRCA powder coated double skin PUF insulated access door complete with all accessories like double glazing, SS D handle, Drop seal, Dorma door closure and SS locking arrangement.1500 x 2100	Set	2		
6.6	Clean room compatible Double Glass fixed type Window pane (toughened glass of 6mm thk min.) 1200 x 1000 mm.	Set	4		
6.7	Clean room compatible Double Glass fixed type Window pane (toughened glass of 6mm thk min.) 1800 x 1000 mm.	Set	1		
6.8	False Ceiling System- Walkable Double skin sand witch type GSS/CRCA Powder coated Metallic ceiling panels of 0.6 mm thickness on both sides,50 mm thick PUF in-filled with 40+/-2 Kg/m3 density insulation. Complete with Extruded aluminium powder coated supports and hanging arrangement, with aluminium profiles that create uniform seams. The Partition seams are sealed by RTV silicone with a perfectly flush finishing. PUF insulation material is sandwiched between the two skin layers and sealed from the exterior by the GI frame work including all cut outs factory fitted, for Air terminals/Diffusers and	Sqm	48		

	lighting etc.				
7	**Power sockets & Lighting arrangement**				
7.1	Cleanroom Light fixtures : BSL lab compatible, 'O' leak, fitted with 5 mm Thk Toughened Glass, 2 x 36 watts CFL top opening type with electronic ballast with; Housing : CRCA powder coated frame-less Lens: To provide Toughened glass with 3 M adhesive tape (to be fixed inside the opening provided in 60 mm ceiling)Reflector : Preanodized imported aluminium Ballast : Philips electronic with pf>0.98 & THD < 10 %	Set	14		
7.2	Light fixtures : 2 x 36 watts FTL for plant room & General area above False ceiling	Set	6		
7.3	4/8 Module Box with inner plate and SS outer plate, suitable for 2 no 5/15 amp. Socket + 2 Nos. 15 amp. Switch (for power socket and light)	Set	15		
7.4	Lighting DB/ Power DB with MCBs / MCCBs	Set	1		
8	Dismantling and removal complete with cleaning of site, of existing installations, Related Civil work including RCC Foundations for HVAC & Electrical equipment's on including, AHUs, EXUs, BSC EX Fans, MCC Panel, with Structural supporting structures AND HANGERS FOR DUCT INSTALLATION. Construction of mechanical room shed and wire mesh as per site.	Lot	1		
9	**Operation & Comprehensive Maintenance** of the animal facility including all services covered in this tender for the ABSL 3 facility, inwhich minimum; minimum Two skilled technician for 2 Shift & One skilled technician for 1 Shift (during Night) with periodical supervision by experienced Engineer. for the running of facility on 24 x 7days and 12 months (1 Years from date of handing over to IISC-CIDR, Bangalore)	Lot	1		
10	Individually Ventilated Cage System – suitable for bio-containment lab facility complete with dedicated exhaust air arrangement. Cage-racks should be suitable to **house 100 Guniapigs**. Quoted price should be inclusive of necessary exhaust air connection, civil and structural cost for foundation in all respect as required.	Set	RATE ONLY		
11	Providing and fixing ABC type (Dry Powder Type) extinguisher as per IS: 15683 consisting of welded MS cylindrical body ,with discharge hose, discharge valve, suspension bracket, initial filling etc complete as required. Capacity 6 Kg.	Set	3		
12	**3rd, Party Validation, Testing, commissioning and Documentation**	Lot	1		

List of approved Makes

S NO.	ITEM DESCRIPTIOPN	MANUFACTURER / SUPPLIER
1	Motor	ABB/Siemens/Crompton/GEC/Equv.
2	Double skin Air handling units	ZECO/Flaktwoods/Citizen
3	Condensing Unit	Voltas/Blue Star/Daikine/Hitachi
4	Centrifugal Fan	Kruger/Nicotra/Comefri
5	Air filters (Pre, Micro & HEPA)	Thermadyne/AAF/Dyna/Trijama
6	VFD	ABB/Dahfoss
7	Fire Damper (Fusible-link type)	Caryaire/system air/Ajanta/Continental
8	GI sheet	SAIL/TATA/Bhusan
9	Closed Cell Nitrile Rubber Insulation Aluminium faced – Class “O”	Armacell / Armaflex/Vidoflex
10	Extruded aluminium Grill/Diffuser/ Damper	Caryair/Suvidha/Ajanta
11	MCCB	Siemens/Schneider/L&T/GE
12	High pressure Industrial Exhaust air Fan	GEC/Alstom/CGL
13	BMS & Automation	Honeywell/Siemens/Alarton
14	Field Sensors	Alarton/Saurter/Honeywell
15	MCC Panel	Tricolite/Khokar/Power Control & Switchgear
16	Power Cable	Polycab/CCE/Finolex/Skytone
17	Control Cable	Polycab/Finolex/Kalinga
18	PUSH BUTTON STN	Siemens/Schneider/ABB
19	Electric Tubular Heater	DASS-PASS/KEPL/Rapid cool
20	Supply Air Terminal Perforated baffle	Fabtech / GMP
21	Individually Ventilated Cage System-IVC	Citizen / Technoplast

Terms and conditions:

1. **Prequalification criteria**:

a. The company should have successfully completed independently at least one similar work costing not less than 25% of estimated value [the similar works means set-up/up-gradation/conversion/consultancy/revamping/ of uncontaminated Animal facility, ABSL 3 laboratory] in any Central Govt./State Govt./PSU/Autonomous Bodies/Reputed laboratory institutes and other Govt. Department etc during last Two financial years. This may be inspected (at the risk and cost of participating company) by the competent authority of IISC, if required. Tenders shall be submitted with all supporting documents i.e. formal contracts received from the institutes, satisfactory Completion certificate with schedule of work/Bill of Quantity etc.

The firm should have in-house personnel with experience in setting up/consultancy and maintaining experience of minimum four ABSL/ BSL-3 facilities in INDIA on turnkey basis in the last Four years. The firm should have proven track record of successful operation and maintenance services of minimum three ABSL 3 lab facilities in last four years. Certificate of satisfaction a must from at least four institutions on original letter head. (Please DO NOT submit any information pertaining to either clean room or ABSL 2 facility)

b. A proof to the effect along with PAN card in the name of the company must be furnished.

c. The company shall attached copy of ITCC of last 3 years or ITR of last 3 years otherwise bids will not be considered.

d. The company has to give an undertaking on their 'Letter Pad' that they have not been engaged in any legal litigations or appeared in any type of court trial during five years or blacklisted by any of the Govt. Depts./Govt. Institutions etc.

e. An affidavit in a e-stamp paper of Rs. 50/- (duly notarized) to the effect that the company undertakes that :

i. The documents submitted by the company are genuine and undisputable and in the event of it coming to notice at a later date that the documents are not genuine, company shall be liable for criminal action.

ii. The company will not withdraw his/their Tender after opening of Technical Bid and if done so; the said company will be blacklisted

iii. The company will not sublet or subcontract the work (if awarded to them) and if done so; the penalty decided by IISC authority shall be payable to IISC as may be decided by the Institute.

Copy of all documents of pre-qualification criteria and as asked for in the tender may please be attached with the Technical Bid ONLY. In case of short fall of any documents/cost of tender, tender will summarily be rejected and no queries will be entertained in this regards. Decision of the IISC, Bangalore authority shall be final in this regards. The offer shall remain open for at least 60 days from the date of opening of Price Bids. The cost of tender (if down loaded from web site) and Earnest Money shall be accepted only in the form of Demand Draft/Pay order drawn in favour of the 'Director, IISC' & payable at Bangalore, failing which the bid will summarily be rejected.

2. **Criteria for evaluation of the technical BID**:

All offers should be in two parts viz., Technical and Price Bids separately. The proposal should include details of the technical design and bill of quantities (BOQ). (Interested contractors are strongly urged to visit the site for physical check and status of the site condition, the contact no. +91-7022666129 or 080-22932604 may be used for this purpose for prior appointment).

The details submitted by the bidders will be evaluated in the following manner:

a. Experience in similar nature of work during the last ten years and financial strength (30 marks)
b. Performance on works (20 marks)
c. Personnel Experience, potential understanding and establishment (30 marks)
d. Technical expertise (20 marks)

To become eligible for short listing for opening of the price bid the bidder must secure at least **fifty percent** marks in each and **sixty percent** marks in aggregate. The institute, however, reserves the right to restrict the list of such qualified contractors to any number deemed suitable by it. Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:

a. made misleading or false representation or deliberately withheld information in the forms, statements and enclosures required in the eligibility criteria document
b. record of poor performance such as abandoning work, not properly completing the contract, or financial failures/ weaknesses etc.

Other conditions

- The vendor should have qualified technical service personnel for the equipment based in India (preferably in Bangalore).The payment will be through a Cheque/NEFT/Letter of Credit.
- The lead time for the delivery of the equipments as well as final commissioning of facility and completion of project should not be more than 7 months from the date of receipt of our purchase order.
- The validity period of the quotation should be 90 days. Kindly indicate the import code of the items.
- If the goods are found to be defective, they have to be replaced or rectified at the cost of the supplier within 15 days from the date of receipt of written communication from us. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.
- The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time period to award of construction without thereby incurring any liability of the affected bidder or bidders.
- The Institute or authorized executive/officer/committee has every right to reject any offer without assigning any reason.
- All litigations should be under the jurisdiction of Bangalore, Karnataka region.

Payment terms as follow: -

a) 30% will be paid as advance payment of the project along with formal order against a bank guarantee.

b) 30% payment will be released after adjusting advance against supply of material at site on pro-rata basis against submission of duly certified authorized lab in-charge.

c) 30% payment will be released after successful installation of the material.

d) 10% will be released after commissioning and validation of the facility against submission of Performance Bank Guarantee of similar amount valid for 12 months from the date of handing over or after satisfactory operation of the animal facility.

Yours Sincerely,

Convener
Center for Infectious Disease Research (CIDR)
Indian Institute of Science
Bangalore-560012

http://www.cidr.iisc.ernet.in/

(on behalf of the purchase committee)