

TENDER DOCUMENT

Supply, Installation, Testing and Commissioning of Lab Equipments For Diagnostic Lab Facility at Sector 39, Gurugram



PROJECTS DIVISION

HLL LIFECARE LIMITED

(A GOVT. OF INDIA ENTERPRISE)

Corporate and Registered Office:

HLL Bhavan, Poojappura,

Thiruvananthapuram – 695012, Kerala, India

Phone +91 471 2354949 / 2775500/ 2775588

Web: www.lifecarehll.com

December 2018

HLL LIFECARE LIMITED
(A Government of India Enterprise)
Projects Division
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012, Kerala, India
Phn: 0471- 2354949, 2775588

INVITATION FOR BIDS (IFB)

IFB No : HLL/CHO/PROJ/HCS/MCG-EQP/LABEQUIP/18-19

Date : 10.12.2018

HLL Lifecare Limited (HLL), a Government of India Enterprise, invites sealed and super scribed bids from competent and experienced Suppliers/Dealers/OEMs who are capable of executing the following work meeting their requirements as per our tender.

Sl. No	Brief Description of Item/Work	Qty	EMD in Rs
1	Supply, Installation, Testing and Commissioning of following equipments for Diagnostic Lab Facility at Sector 39, Gurugram as per the Technical Specifications enclosed.		
A.	Hot Air Oven	1 No.	Rs. 2,000/-
B.	Incubator	1 No.	Rs. 2,000/-
C.	BOD Incubator	1 No.	Rs. 2,000/-
D.	Autoclave - 60 L	1 No.	Rs. 1,500/-
E.	Autoclave - 175 L	1 No.	Rs. 2,000/-

2. Qualification Criteria: The Bidder should be the Original Equipment Manufacturer (OEM) of the equipments or an Authorized Dealer / Agent / Distributor / Channel Partner of the OEM in India with at least 1 service facility in NCR.
3. The Tender Documents can be downloaded from our Website www.lifecarehll.com from the date of issue of tender document. Any amendments or updates on this tender will be available only in our website. For further details, visit tenders section of www.lifecarehll.com or www.eprocure.gov.in/cppp. Amendment, if any, shall be posted only in the website.
4. Tender forms shall be filled in ink or typed. No tender filled in pencil shall be considered. The Tenderer shall sign and seal the form at each page and at the end, in token of acceptance of all the terms and conditions of the tender.
5. The bid documents will be available up to 15.00 Hrs. on the previous working day of the opening of the bids. The scheduled date for issue, receipt and opening of bids is as follows.

- a) Date of issue of tender document - 10-12-2018 onwards
- b) Last date and time for receipt of bids - 24-12-2018 up to 15.00 Hrs.
- c) Date and time of opening of bids - 24-12-2018, 15.30 Hrs.
- d) Address for communication, receipt and place of opening of bids:

SENIOR MANAGER (PROJECTS),

Projects Division,

HLL Lifecare Limited (A Government of India Enterprise)

Corporate Head Office, Poojappura.P.O, Thiruvananthapuram – 695012,
Kerala, India

Phn: 0471- 2354949, 2775588

E-mail: harikrishnankp@lifecarehll.com, choprojects@lifecarehll.com

6. In addition to the invitation for bids, the bidding documents include the following schedules.

Schedule I	-	Conditions of Bid
Schedule II	-	Specifications
Schedule III	-	Credentials of Contractors
Schedule IV	-	Acceptance Form
Schedule V	-	Price Schedule

7. The completed and sealed bid documents should be submitted to Senior Manager (Projects), in the above address along with the EMD. The outer cover should bear the Enquiry No, closing date and General description of item tendered, and the words "DO NOT OPEN BEFORE" 15.30 Hrs (IST) on -----
-- (Indicate the Closing Date). EMD shall be submitted in the form of demand draft drawn from a nationalized bank in favor of HLL Lifecare Limited payable at Thiruvananthapuram. Bids received after due date and time will be rejected. Any bid not accompanied by EMD will be rejected.

8. The EMD should be enclosed in a separate envelope and super scribed as "EMD" and to be attached in the main cover.

9. SSI / MSME units interested in availing exemption from payment of EMD should submit a valid copy of their registration certificate issued by the concerned DIC or NSIC / Udyog Aadhaar. But the Party has to provide Security Deposit, if work is awarded to them.

Note: If the bidder is a MSME, it shall declare in the bid document the Udyog Aadhar Memorandum Number issued to it under the MSMED Act, 2006. If a MSME bidder do not furnish the UAM Number along with bid documents, such MSME unit will not be eligible for the benefits available under Public Procurement Policy for MSEs Order 2012.

10. The bidder will be disqualified if they have any record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.

11. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the above purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.

12. HLL may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents or any other reasons, in which case all rights and obligations of HLL and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

13. HLL will not be held responsible for the postal delay, if any, in the delivery of the bidding document or the non-receipt of the same. Bids sent by Telex / Fax / Telegraph / E-mail will not be accepted.
14. Bids will be opened in the presence of Bidders representative(s) who choose to attend on the specified date and time, at the office of HLL at the address given in Clause 5 (d) above.
15. **The bidder can quote for any one or more of the items listed in Schedule V. The lowest quoted eligible bidder for each item shall be considered for supply/award of work for that item.**
16. The company reserves the right to club or split the items of works, change the qualifying criteria at their discretion and to reject or cancel the Invitation for bids without assigning any reason thereof

SENIOR MANAGER (PROJECTS)

SCHEDULE I

CONDITIONS OF CONTRACT

1) PRICE

The price quoted should be inclusive of all material cost, loading and unloading charges, all applicable taxes and other levies, labour charges, insurance etc. The **Schedule** is enclosed as **Schedule V**.

Price quoted should be firm without any escalation till the order is completely executed.

2) TAXES/DUTIES/LEVIES

The contractor shall be entirely responsible for all applicable taxes including GST, duties, license fees etc. incurred until successful completion of contract.

3) ESCALATION

The rates quoted by the Contractor in the contract documents shall be final and shall not be subjected to any change due to the increase in labour wages or inflation in the cost of materials or any other price variations due to any reason during the stipulated time period of the contract or during the extended time period of completion.

Rates quoted should be inclusive of all cost of materials, Tools/Equipments labor charges, conveyance to site, handling charges, loading and unloading charges, hiring charges, clearing of debris, statutory payments etc.

4) COMPLETION TIME

Work should be completed within **4 Weeks** from the date of issuing the Letter Of Intent or Work Order.

5) PAYMENT TERMS

A) 90% of the bill value including all taxes will be paid on completion of work after issue of Work Completion certificate by Engineer In Charge/Officer In Charge of HLL Lifecare Ltd.

B) Balance 10% of the total contract value (excluding taxes) of the equipment will be released after the completion of comprehensive warranty period of 1 year.

Tax Deduction: All statutory deductions like GST, Income Tax, Works Contract Tax, E.S.I., P.F. or any other government-imposed liabilities shall be borne by the Contractor (as applicable at the time of execution of job) and shall be deducted from each bill submitted by the Contractor.

6) EARNEST MONEY

6.1 Each bid must be accompanied by E.M.D.

6.2 The EMD is required to protect the Purchaser/Owner against risk of Bidder's conduct, which would warrant the security's forfeiture.

- a. The EMD shall be in the form of cash deposit or demand draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram.
- b. E.M.D. from unsuccessful bidders will be returned after the acceptance of order by the L1 party.
- c. In the case of successful bidder, the Earnest Money will be considered as security deposit and will be retained until the successful completion of work.

6.3 The EMD may be forfeited:

- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bidding Document; or
- (b) In case of the successful Bidder, if the Bidder fails:
 - (i) to sign the Contract
 - (ii) to furnish security deposit
 - (iii) Fail to perform as per the tender conditions.

7) SECURITY DEPOSIT

- a) On receipt of notification of award from HLL, within 10 days the successful Bidder shall furnish the security deposit in the form of a bank guarantee or a Demand Draft from a nationalized bank drawn in favor of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram for an amount equal to 5% of the contract value as security deposit for his faithful execution of contract.
- b) The Security deposit should be valid until successful completion of the contract and acceptance and handing over of the equipment and will be released after acceptance by HLL.
- c) Failure of the successful Bidder to accept the notification of award or submission of security deposit within the timeframe shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD, in which event HLL may make the award to the next lowest evaluated bidder or call for new bids.
- d) The EMD submitted by the successful bidder shall be converted to Security Deposit and the bidder shall be allowed to remit the balance amount.
- e) Forfeiture of Security Deposit - If the successful bidder/Contractor fails to supply the ordered material at the rate finalized or execute the work and / or supplies only part quantity / partially execute the work or fails to comply with the terms and conditions of the purchase order / work order the security deposit furnished will be forfeited / Bank Guarantee en-cashed.

8) INDEMNIFICATION CLAUSE

The Supplier shall indemnify and hold harmless the Purchaser from and against all claims, liability, loss damage or expense, including counsel fees arising from or by reason of any actual or claimed trade mark, patent or copy right infringement or any litigation based thereon with respect to any part of the items covered by the Contract, and such obligations shall survive acceptance of payment for the items.

9) DEFECT LIABILITY PERIOD:

The defect liability period of the work shall be 24 months from the date of completion of the work and this date will start from successful completion and handing over. If any damage or defect occurs in the work during this period then the Contractor shall rectify the damage or defect at his own expense to the satisfaction of the Purchaser/Owner. If the Contractor fails to do so, then the Purchaser/Owner shall have the authority to get the work done by other means and the expenditure incurred shall be recovered from the Contractor.

Even if Inspection and/or tests are fully carried out by Purchaser/Owner or their representatives, the Contractor is not absolved to any degree of his responsibility to ensure that all equipment fabricated comply strictly with the requirements as per specifications given in the order, and the Purchaser/Owner shall be free to point out any defect till the defect liability period is over.

10) FORCE MAJEURE

- a. Neither the Contractor nor the Purchaser/Owner shall be considered in default in the performance of their obligations as per the Contract so long as such performance is prevented or delayed because of strikes, war, hostilities, revolution, civil commotion, epidemics, accidents, fire, cyclone, flood or because of any law and order proclamation, regulation or ordinance of Government or subdivision thereof or because of any act of God. The proof of existence of force majeure shall be provided by the party claiming it to the satisfaction of the other.
- b. The Contractor shall advise Purchaser/Owner initially by a Fax, followed by post, the beginning and end of any of the above causes of delay, failing which Purchaser/Owner shall not be liable to consider delays due to the above reasons. Notice as stated above should be given even in case where only the Contractor's bids are under the consideration of the Purchaser/Owner and no acceptance of the same has been given and detailed order issued.
- c. In the event of definite delay even if arising out of reasons due to force majeure, Purchaser/Owner shall have the right at their discretion to cancel the Order or part of the Order without any liability on their part to make any payment to the Contractor while reserving the right to claim refund of and any payment if advanced or paid to Contractor.

11) DELAY IN WORK EXECUTION DUE TO REASONS BEYOND CONTRACTOR'S CONTROL

- a. Force majeure: If the execution of work is delayed due to force majeure, then Purchaser/Owner as per the affected period may extend the time period.
- b. In case work is delayed due to non-availability of stores supplied by Owner or any decision by Owner holding the progress of work, the contractor then upon any such happening causing delay shall immediately but not later than 10 days, give notice thereof in writing to the Owner, but nevertheless use constantly his best effort to prevent or make good delay. The Owner may in his discretion grant such extension of time as may appear reasonable to him and the same shall be communicated to the contractor in writing and shall be final and binding on him and the contractor shall be bound to complete the work within such extended time.

12) LIQUIDATED DAMAGES FOR DELAYS

If the work is not completed and handed over to the Purchaser/Owner within the time stipulated in the Order, Purchaser/Owner may at their option, either (1) recover from the Contractor liquidated damages at the rate of 0.5 % of the total contract value for every week of delay, subject to a maximum of 7.5 % of the total contract value, or (2) at the risk and cost of the Contractor and without prejudice to the other remedies/rights as per the Contract, terminate the order wholly or partially and complete it themselves or reassign it to other contractors.

13) INSPECTION AND TESTING

Purchaser shall have the right of access to the Supplier's works at all reasonable time to inspect and measure the progress of execution of the Order. The Supplier should make available all tools, instruments, apparatus, equipment, facilities, services and materials to enable the Purchaser's nominee to carryout such inspection/tests without obligations. Notwithstanding such tests/inspection conducted at the Supplier's works from time to time, goods under the Order shall not be dispatched unless they have been finally inspected by the purchaser or inspection waived and despatch specifically authorized in writing, wherever inspection during various stages of execution of the order and prior to despatch are specifically provided for in the order, sufficient advance notice shall be given to the purchaser for the purpose, and as a consequence of such inspection, if necessary, the Supplier shall arrange re-work at his own cost. Not withstanding any such inspection/tests carried out at Supplier's works, the equipment shall be accepted only after receipt and successful commissioning at the site and the inspection/tests carried out at Supplier's works will not relieve his contractual obligations for conforming to the specifications under the Order.

14) PERFORMANCE GUARANTEE

The Supplier shall fully guarantee all of the equipment supplied to perform in accordance with the specifications and to be free of all defects in design, material and workmanship. Should any equipment not performing as intended or should the design, material or workmanship prove defective within a period of 12 months from the date of successful commissioning, the equipment shall, upon notification of deficiency or defect, be promptly corrected by the Supplier to the satisfaction of Purchaser without delay and at no extra cost. If the Supplier fails to take proper corrective action to replace or repair the deficiency within a reasonable time of Purchaser's notification to this effect, the Purchaser shall be free to take such corrective action at the Supplier's risk and cost.

Even if Inspection and/or tests are fully carried out by Purchaser or their representatives, the Supplier is not absolved to any degree of his responsibility to ensure that all equipment and materials supplied comply strictly with the requirements as per specifications given in the order, and the Purchaser shall be free to point out any defect till the guarantee period is over.

Simultaneously with the successful completion of the contract, supplier shall furnish a Performance Bond in the form of a Demand Draft or a Bank Guarantee from a Scheduled bank or from balance payment to be paid to the supplier as per contract, acceptable to the purchaser, for an amount equal to 10% of the total price on the value of the contract as Deposit for his faithful execution of Performance Guarantee. The Performance Bond should be valid for the comprehensive warranty Period of 1 year.

15) SCOPE OF SERVICES, SUPPLIES AND MATERIALS:

The scope will include all services, supplies etc. for the satisfactory execution of the Contract except in so far as any of those are expressly excluded.

16) SPECIAL INSTRUCTIONS

- a) The bidder shall visit the site before quoting for the work and also take their own assessments before quoting of bids.
- b) The work should be carried out without causing any inconvenience to the public and shall ensure that no damages are caused to the existing site premises.
- c) During the execution of work, the contractor or authorized representative should be present at site.
- d) All Materials, Equipment's/ Tools required for the work should be arranged by the contractor and brought to site for the timely completion of the work.
- e) The materials used shall be as per specification and of good quality.
- f) The Contractor has to arrange necessary insurance coverage for the machine, workmen etc. deployed by him. He shall arrange all safety measures to protect his workmen and also the properties of HLL/Hospital. The work site safety of all employees, their ESI, PF etc will have to be borne by the contractor.
- g) The Purchaser/Owner should be immediately informed for any discrepancy in specifications and instructions in the execution of job before actual execution of particular item having discrepancy.
- h) Any item found to be having been executed with poor workmanship then the Contractor shall have to rectify the work as specified by Purchaser/Owner. No extra charge will be admissible in such case. If CONTRACTORS fails to do so, the Purchaser/Owner reserved the right to rectify the work through some other agency at the expenses of Contractor.
- i) The schedule of activities as submitted by the Contractor shall have to be strictly adhered to. Regular progress reports shall have to be submitted by the Contractor giving all details for monitoring of the schedule.
- j) The Contractor shall have to co-operate with the agencies executing other works in the same area.
- k) While executing the work, the Contractor shall ensure safety and security of the property of the Purchaser/Owner so as to avoid theft etc.
- l) The Quantity shown in the schedule is an approximate estimated quantity and subject to vary as per each site conditions. No rate revision will be entertained if the quantity increases/decreases due to the site condition while executing the work.
- m) During the execution of work, the contractor or authorized representative/s at least one person having technical qualification should be present at site.

- n) Final payment shall be paid only after clearing the site as per direction of Engineer-in-charge/ Officer in charge.

17) ENTIRETY OF THE AGREEMENT

All of the terms agreed to between the Supplier and Purchaser will be included in the Purchase/work Order/Contract and no their communication, proposal or understanding, written, oral or implied, will be considered to be included in the Purchase/work Order/Contract or form part of the Contract between the Supplier and Purchaser unless specifically agreed to in that behalf in writing between Purchaser and Supplier.

18) CORRESPONDENCE

All correspondence relating to this Order including Invoice shall be in English, to:

SENIOR MANAGER (PROJECTS),
PROJECTS DIVISION,
HLL LIFECARE LIMITED (A Government of India Enterprise)
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012,
Kerala, India
Phn: 0471- 2354949, 2775588
E-mail: harikrishnankp@lifecarehll.com, choprojects@lifecarehll.com

19) SETTLEMENT OF DISPUTES

Arbitration shall not be a means of settlement of any dispute or claim arising out of the contract relating to the work. Any disputes or difference arising between the parties with respect to the performance of any part of this agreement or any thing connected therewith, etc shall as far as possible be mutually settled by the process of dialog and negotiation.

The Courts at Thiruvananthapuram alone shall have jurisdiction in respect of settlement of any matter arising out or in connection with the contract.

SCHEDULE II

Sub: Supply, Installation, Testing and Commissioning of following lab equipments for Diagnostic Lab Facility at Sector 39, Gurugram, Haryana as per the tender specifications – reg.

Technical Specifications

1) Hot Air Oven

Quantity: 1 No.

SI.No	Specification
	Operational Requirements
1	Microprocessor based system temperature controller cum indicator
2	Thermostatically/ PID controlled system.
	Technical Specifications
3	External: GI powder coated Internal: SS304
4	Interior – w x h x d: 605mm x 605mm x 605mm (all dimensions will have a tolerance of 50 mm) easy-to- clean interior, made of stainless steel, with supports on the three sides for three adjustable perforated stainless steel shelves..
7	Forced air circulation by quiet air turbine/ fan to ensure uniform temperature.
8	Temperature variation +/- 2° C.
9	Temperature Range – 5 to 150 ° C OR HIGHER
	System, Configuration Accessories, spares and consumables
10	Stainless steel Trays – 2 Nos.
11	Should provide available spares and consumables
	Standards and Safety
12	Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
13	Manufacturer/Supplier should have ISO certification for quality standards

2) Incubator -

Quantity: 1 No.

SI.No	Specification
1	It should have Chamber capacity of 150ltr.
2	It should have Internal dimensions (L x D x H): 500 x 500 x 600 mm
3	It should have Exterior construction of mild steel plate with heat cured epoxy coating.

4	It should have Chamber thickness of at least 1mm.
5	It should have Interior construction of stainless steel.
6	It should be provided with Frameless tempered safety glass inner door enables easy monitoring without variation in temperature.
7	It should have Special Quartz tube enclosed heaters for safety and efficient heating
8	It should be provided with SS Wire Mesh Shelves 3 nos, adjustable height in steps of 25 mm.
9	It should be provided with Seamless round cornered internal chamber ensures easy cleaning.
10	It should have Eye level door mounted controller for easy access and check operating status.
11	It should have internal circulating fan.
12	It should have Solid and plain bottom without electrical.
13	It should have Digital PID temperature controller with PT100 sensor for precise monitoring & control
14	Controller should be Equipped with timer, auto tuning and alarms.
15	Controller should have seven segment LED display.
16	Incubator Temperature range: ambient +5°C to 80°C
17	Control accuracy $\pm 0.5 - 1^{\circ}\text{C}$
	Safety Features:
18	It should have independent over temperature safety protection.
19	It should have over current protection.
20	Inner glass door should of High tempered safety glass of 5mm.
21	Incubator should be CE certified

3) BOD Incubator

Quantity: 1 No.

Sl.No	Specification
1	Temperature Range: 2 to 60°C OR HIGHER
2	Temperature Accuracy: + / - 0.5°C
3	Temperature Uniformity: + / - 0.5°C
4	Power Rating: 220 Volt / 50 Hz
5	Temperature Control Microprocessor Control
6	Power Failure Alarm: Optional
7	Cabinet MOC: M.S. Steel Powder Coated
8	Inner Chamber MOC: 304 Stainless Steel

9	Shelves 1 to 5: Stainless Steel
10	Insulation: Polyurethane Foam
11	Glass Door: Optional
12	Inner Clear Door: Yes
13	Cooling: CFC Free
14	Refrigerant: R134a
15	Heating System: S. S. Nichrome Wire Air Heater
16	Air Circulation: Fan or Blower
17	Door: Lock 1
18	Interior Light: Mandatory
19	Display: LED / LCD

4) Autoclave - 60 L

Quantity: 1 No.

Sl.No	Specification
1	The Vertical Autoclave should have Chamber Capacity of min 60 ltr.
2	The Unit should be able to accommodate dressing drums of size 15" x 12" with separator
3	The Vertical Autoclave external dimension shall be 660mm Length X 480 mm Breadth X 890 mm Height (with Lid closed).
4	The units internal chamber, cover lid and all wetted parts should be fabricated from stainless steel of 304 grade.
5	The Vertical Autoclave's all joints should be smooth finished for crevice free internals.
6	The chamber should be hydrostatically tested at 1.5 times of its working pressure.
7	The outer body should be made up of MS sheet with heat cured epoxy coating on both sides.
8	The cover lid should be equipped with single lever lock mechanism and lever handle molded from Industrial grade plastic.
9	The lid cover should be provided with auto purge cum vacuum breaker valve and a manually operable valve for exhaust.
10	The unit should have a solenoid valve for additionally purging the air & normal exhaust.
11	The Vertical Autoclave should have stainless steel pressure gauge with dual range dial display in KPA and PSI along with a correlated temperature scale for steam in degrees Celsius.
12	The operations of the unit should be controlled by a microprocessor based controller.
13	The user should be able to set the temperature up to 122°C in steps of 0°C each.
14	The user should be able to set the Sterilization hold time in steps of 1 minute each.

15	The timer range should be up to 95 mins.
16	In case of abrupt power failure / switching off, the Last Cycle which was set should remain in the memory.
17	The display for the parameters should be Two line Alpha-Numeric digital display.
18	The unit should be equipped with Low Water Detection unit and should give Audio-Visual alarm in case of Low Water in the chamber and cut off the supply to the heater.
19	The unit should have safety valve to protect the equipment in case of over pressurization.
20	The cover should be equipped with pressure interlock device. Also the heater should not start if the cover is open.
21	It should be provided with safety cut-out for high temperature.
22	The unit should give indication by audio-visual alarm on completion of set autoclave cycle.
23	The electrical safety should be ensured by inbuilt MCB.
24	The unit should be mounted on 04 Nos. PU coated castors out of which atleast 2 should have locking mechanism
25	The Vertical Autoclave is pressure equipment & hence from safety point of view chamber should be designed as per ASME guidelines & Should PED certified.
26	The Vertical Autoclave should be CE certified.
27	Supply Voltage: 230 V AC, 50 HZ, Single phase.
28	Calibration reports with NABL traceability.
29	Manufacturer shall be ISO 13485 certified & should submit photocopy for the same.

5) Autoclave - 175 L

Quantity: 1 No.

SI.No	Specification
1	The Vertical Autoclave should have Chamber Capacity of min 175 ltr.
2	The Unit should be able to accommodate dressing drums of size 22" x 36" with separator
3	The Vertical Autoclave external dimension shall be 700 mm Length X 500 mm Breadth X 900 mm Height (with Lid closed).
4	The units internal chamber, cover lid and all wetted parts should be fabricated from stainless steel of 304 grade.
5	The Vertical Autoclave's all joints should be smooth finished for crevice free internals.
6	The chamber should be hydrostatically tested at 1.5 times of its working pressure.
7	The outer body should be made up of MS sheet with heat cured epoxy coating on both sides.
8	The cover lid should be equipped with single lever lock mechanism and lever handle molded from Industrial grade plastic.

9	The lid cover should be provided with auto purge cum vacuum breaker valve and a manually operable valve for exhaust.
10	The unit should have a solenoid valve for additionally purging the air & normal exhaust.
11	The Vertical Autoclave should have stainless steel pressure gauge with dual range dial display in KPA and PSI along with a correlated temperature scale for steam in degrees Celsius.
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19	The unit should have safety valve to protect the equipment in case of over pressurization.
20	The cover should be equipped with pressure interlock device. Also the heater should not start if the cover is open.
21	It should be provided with safety cut-out for high temperature.
22	The unit should give indication by audio-visual alarm on completion of set autoclave cycle.
23	The electrical safety should be ensured by inbuilt MCB.
24	The unit should be mounted on 04 Nos. PU coated castors out of which atleast 2 should have locking mechanism
25	The Vertical Autoclave is pressure equipment & hence from safety point of view chamber should be designed as per ASME guidelines & Should PED certified.
26	The Vertical Autoclave should be CE certified.
27	Supply Voltage: 230 V AC, 50 HZ, Single phase.
28	Calibration reports with NABL traceability.
29	Manufacturer shall be ISO 13485 certified & should submit photocopy for the same.

GENERAL SPECIFICATIONS

1. Power Supply: The equipment offered should be suitable for Indian electrical ratings as follows:
Power supply: 200-230V, 50 Hz (Single Phase) or 400-440 V, 50 Hz (3 Phase)
2. The unit should be complete with all accessories and interconnections required for machine operation.

3. Instrument should have quality certificate as mentioned in the receptive technical specifications.
4. The supplier shall install, calibrate and validate the equipment at the location specified in the purchase order / Notification of award at the suppliers cost.
5. The supplier shall provide brand new machines only.
6. All electrical parts and control panel shall be conforming to and shall be done as per relevant BIS and any other standard stipulated by Electrical Inspectorate.
7. All the bought out items should be of standard and reputed make.
8. The suppliers should submit 3 copies of the following documents, relevant to their scope of supply, along with delivery & commissioning of the Unit :
 - a) Relevant Test Certificates, Operation & Maintenance Manual, Installation Manual, Troubleshooting Manuals, Guarantee Certificate
 - b) Any other related documents
9. The bidder should attach to their bid detailed specifications, catalogues and other details of all the equipments quoted by them.
10. The supplier should submit necessary test certificates of the equipment.
11. Comprehensive Warranty: 1 year comprehensive on-site warranty shall be provided free of cost with the equipments.
11. After sales service center should be available at the city of Diagnostic Lab on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 12 hrs. The service should be provided directly by Tenderer / Indian Agent. The spares for the equipment shall be available for at least 10 years from the date of supply.
12. Any deviations from the bid documents shall be clearly indicated.

SCHEDULE III

CREDENTIALS OF CONTRACTORS

- a. Particulars of prior experience in similar contracts / if any, successfully executed should be entered in the form given below.

Item No.	Name of customer	Name, performance and period of execution, together with its value.

- b. The performance certificate from the client(s) may also be attached.
- c. Reference/Certificates from your Bankers about your financial position.
- d. List of equipment and Infrastructure facilities, which you intend to use on this work, to be attached.
- e. List of other customers

CERTIFICATE

I / We hereby certify that the information given above is correct. If, at any stage, it is found to be incorrect, I / We understand that the contract will be liable to be terminated/rescinded and action could be taken against me/us by the Company for damages.

SIGNATURE (S) OF BIDDER

SCHEDULE IV

ACCEPTANCE FORM

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

From

To

SENIOR MANAGER (PROJECTS),
PROJECTS DIVISION,
HLL LIFECARE LIMITED (A Government of India Enterprise)
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012, Kerala, India
Phn: 0471- 2354949
E-mail: choprojects@lifecarehll.com, harikrishnankp@lifecarehll.com

Dear Sir,

I / We, hereby offer to supply/erect/install/commission as detailed in schedule hereto or such portion thereof as you may specify in the acceptance of Bid at the price given in the price bid and agree to hold this offer open till **120 days** after the date of bid opening prescribed by the purchaser. I/We have understood the terms and conditions mentioned in the invitation for bid and Conditions of Contract furnished by you and have thoroughly examined the specifications and drawings in the bid document hereto and are fully aware of the nature of the scope of work required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above.

Yours faithfully,

SIGNATURE OF THE BIDDER

SCHEDULE V**PRICE SCHEDULE V**

Sl. No	Item Description	Qty	Unit Price	G.S.T. as applicable	Unit Price Inclusive of G.S.T	Total Price
1	Supply, Installation, Testing and Commissioning of following equipments for Diagnostic Lab Facility at Sector 39, Gurugram as per the Technical Specifications enclosed.					
A.	Hot Air Oven	1 No.				
C.	Incubator	1 No.				
C.	BOD Incubator	1 No.				
D.	Autoclave - 60 L	1 No.				
E.	Autoclave - 175 L	1 No.				
GRAND TOTAL						

I agree to complete the work as per the schedule at the rates quoted by me as above.

Seal and Signature of Bidder