

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/TMT/2019-20

Date : 07-09-2019

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

S. No	Brief Description of Item/Work	Qty
1	Supply, Installation, Testing & Commissioning of ECG Workstation with TMT & its accessories at Diagnostic Lab Facility, Gurugram	As per Specification

2. The scheduled date for issue, receipt and opening of bids is as follows.

- a) Last date and time for receipt of bids - 21-09-2019 up to 15.00 Hrs.
- b) Date and time of opening of bids - 21-09-2019, 15.30 Hrs.
- c) Address for receipt and place of opening of bids:

**HLL Lifecare Limited,
Corporate Head Office, Poojappura.P.O,
Thiruvananthapuram – 695012, Kerala.**

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

3. **Price:** The price quoted should be inclusive of all material cost, loading and unloading charges, installation & commissioning charges, Warranty charges, GST and all applicable taxes and other levies, labor charges, insurance etc. Price quoted should be firm without any escalation till the order is completely executed.

4. **Completion Time:** Supply and installation should be completed within 10 days from the date of issuing the Letter Of Intent or Order.

5. **Payment Terms:** 90% payment will be paid after satisfactory Supply, Installation, Testing and Commissioning of the item as per the schedule at Diagnostic Lab Facility, Gurugram, and submission of original warranty certificate.

Balance 10% of the total contract value of the equipment will be paid against submission of Performance Bank Guarantee (from a nationalized bank) equal to 10% of the contract value valid for one year.

6. **Guarantee/Warranty Period:** The Guarantee against any possible manufacturing defects shall be given for a period of 24 months from the date of supply and inspection of the item at HLL site or more.

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 OF ITEMS

Sub:	Supply, Installation, Testing & Commissioning of ECG Workstation with TMT & its accessories at Diagnostic Lab Facility, Gurugram			
SI No	Item Description	Qty	Unit	Amount in Rs.
1	Supply, Installation, Testing & Commissioning of ECG WORKSTATION WITH TMT & its accessories at Diagnostic Lab Facility, Gurugram as per attached specifications	1	No.	
TOTAL				
APPLICABLE GST				
TOTAL AMOUNT IN Rs.				

I agree to supply the scheduled items at the rates quoted by me as above.

SIGN & SEAL OF THE BIDDER

SPECIFICATIONS

General Specification for Diagnostic ECG Workstation with TMT

System Hardware:

- ~ System should acquire 12 lead ECG simultaneously
- ~ System should be able to convert analog ECG signal to Digital signal at the patient end through Digital Acquisition Module.
- ~ System should be compatible to connect Pneumotacho sensor for spirometry testing (optional)
- ~ Sensor for spirometry should be light in weight (optional)

Software features:

- ~ Should be able to record Resting ECG, Exercise ECG.
- ~ During exercise mode system should display following parameters on the single screen during exercise mode.
 1. 12 lead raw ECG with average complexes
 2. Real time ST analysis & ST-HR trends of all 12 leads
 3. Enlarged QRS complex with Dynamic scanning
 4. Superimposition of Basal Complex over Real Time Complex
 5. Protocol, METS, Max HR, Target HR, Current HR, BP, Stage time, exercise time, treadmill speed & grade
 6. HR detection lead, mains filter status, amplitude.
 7. Online display of Time based METs calculation
- ~ System should have auto voice prompt for BP entry
- ~ System should provide treadmill soft stop option for stopping the treadmill after 20 secs in recovery mode.
- ~ System should have customized lead sequence display.
- ~ Software should have choice of more than 3 fonts for printouts
- ~ Should have multiple screen formats (6x2, 3x4, 3x 2 etc.)
- ~ System should have facility for Online enable or disable stage – wise printouts
- ~ Software should be able to display full disclosure of all 12 leads
- ~ User should be able to mark the ECG waveform to enter comment at any stage
- ~ System should provide facility to hold the stage
- ~ User configurable E, J & Post J point during the exercise & review mode
- ~ Software should have facility to change the background, grid lines, trace colors
- ~ System software should have grid at the background of tracing to measure the ST levels manually
- ~ Should have facility to store & recall the complete test and revalidate the ECG
- ~ Should be able to play the complete test beat by beat for reanalysis
- ~ System should be able to view & print ST graphs & tables
- ~ System should have facility to view, compare & print averages of all stages
- ~ System should have facility to email the test as an image file
- ~ Software should feature auto statements at the end of the test
- ~ System should provide Identity card ECG printout for further reference.
- ~ System should have shortcut keys for operating important functions.

System should be upgradeable to Spirometry testing

System should have following printout settings:

- ~ Print raw rhythm & Linked Median during online stage wise printouts
- ~ Printouts should be on ordinary pre-printed graph papers through laser or desk jet printer
- ~ Multiple print formats in landscape or portrait
- ~ Facility to print the complete test report in review mode with a single click of mouse
- ~ Facility to mark the strip & take the print of marked strips
- ~ Facility to print the ECG of any time

System should be provided with heavy duty noiseless Treadmill with following specifications -

- ~ Patient Load Capacity more than 250 kgs
- ~ Walking surface area: more than : 450 x 1400 mms
- ~ Speed Range: 0 to 14 kmph or more
- ~ Grade Range: 0 – 21 %
- ~ should be supplied with suitable Servo Stabiliser – 3 KVA

System should have latest PC configuration

With Licensed Windows

Suitable UPS for PC

Suitable Trolley for the PC

I agree to supply the scheduled items as per the specifications listed above.

SIGN & SEAL OF THE BIDDER