



પબ્લીક હેલ્થ લેબોરેટરી  
સુરત મહાનગર પાલિકા  
બીજો માળ, વેસુ સામુહિક આરોગ્ય કેન્દ્ર  
વેસુ ફાયર સ્ટેશનની સામે, વી.આઈ.પી. રોડ  
વેસુ, સુરત-૩૯૫૦૦૭ ગુજરાત  
ઓ.ટેલી.નં. ૬૩૫૯૯૦૯૯૨૪

પીએચડી/પીએચએલ/આ.નં.૯૨૫  
તા.૨૫/૦૩/૨૦૨૬

### ભાવપત્રક/ કવોટેશન

વિષય :- જાહેર આરોગ્યખાતાના પબ્લીક હેલ્થ લેબોરેટરીનાં ઉપયોગ માટે ખરીદ કરવામાં આવેલ લેબોરેટરી સાધન (1) GC with FID, ECD and NPD નો A.M.C.(Annual Maintenance Contract), (2) HPLC with PDA Fluorescence RI નો A.M.C.(Annual Maintenance Contract) આપવા બાબત.

મહાશય,

સવિનય ઉપરોક્ત વિષય અન્વયે જણાવવાનું કે, સુરત મહાનગર પાલિકાના જાહેર આરોગ્યખાતા સંચાલિત પબ્લીક હેલ્થ લેબોરેટરીના ઉપયોગ માટે ખરીદ કરવામાં આવેલ લેબોરેટરી સાધન (1) GC with FID, ECD and NPD નો A.M.C.(Annual Maintenance Contract), (2) HPLC with PDA Fluorescence RI નો A.M.C.(Annual Maintenance Contract) ટુક સમયમાં પૂર્ણ થનાર હોય,

Sr.No.	Equipment details	AMC Period	Total Price (Inclusive of GST, all Applicable Expense)
1	GC with FID (Model : Thermo fisher GC1300)	One Year from the work order date	
2	HPLC with PDA Fluorescence RI (Model : Shimadzu P Series)	One Year from the work order date	

ઉપરોક્ત વિષય અંગેના ભાવ (GST + તમામ પ્રકારના ખર્ચ સહિત) આપવાના રહેશે. સદર ભાવો તમારા લેટર પેડ ઉપર આપવાના રહેશે. ભાવ પત્રક સાથે ગર્વમેન્ટનું નોંધણી પત્રક, GST નંબર વિગેરે બિનચુક સામેલ કરી સીલ બંધ કવરમાં મુકવાના રહેશે. આ સીલ બંધ કવર ઉપર ખાતાનું નામ (પબ્લીક હેલ્થ લેબોરેટરી) અને કામનું નામ (વિષયમાં જણાવ્યા મુજબ) સ્પષ્ટ વાંચી શકાય તે રીતે લખી, તા.૦૭/૦૪/૨૦૨૬, સાંજે ૫:૦૦ કલાક સુધીમાં મુખ્ય હિશાબનીશશ્રી, હિશાબીશાખા, સુરત મહાનગર પાલિકા, મુગલીસરા, સુરત ખાતે ફક્ત સ્પિડપોસ્ટ/આર.પી.એડી. થી પહોંચતા કરવાના રહેશે. નિયત સમય મર્યાદામાં પ્રાપ્ત થયેલ બંધ કવરો જ ધ્યાને લેવામાં આવશે. તમો ધ્વારા આપવામાં આવેલ ભાવોની વેલીડિટી, ભાવપત્રક/કવોટેશન ખુલ્યાની તારીખ થી ૬૦ દિવસ ગણવાની રહેશે.

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કુડ એનાલીસ્ટ,  
પબ્લીક હેલ્થ લેબોરેટરી  
સુરત મહાનગર પાલિકા

## TERMS & CONDITIONS

1. You have to pay 5% of the total amt. as security deposit within 15 days by cash or D.D. in favour of Commissioner, surat municipal corporation, surat (single name) expected. Otherwise S.D. Delay Penalty 0.065% per day will be applicable.
2. You have to enter into an Agreement, undertaking on non-judicial stamp of Gujarat state worth Rs. 300/- each by computer type and have to produce before undersigned.
3. The service provider must work above within stipulated time frame, otherwise delay supply penalty 0.2% per day of the entire work order amount will be applicable as per tem & condition of the said order value.
4. In all cases of dispute or difference the decision of the purchase authority shall be final and binding on the Contractor.
5. Service provider's quotation/ bills must clearly state G.S.T. (Goods & Service Tax) other or other levies wherever applicable in case the supplier fails to mention it on their Quotation/bills, any subsequent claim raised by the suppliers will not be accepted by the purchase authority.
6. The purchase authority reserves to itself the right to cancel or modify or amend the order/contract wholly in part any time before its execution without assigning any reason whatsoever.
7. The service should be delivered between Monday to Saturday at the timings specified.
8. Any litigation arising out of this purchase Order/ Contract will be subjects to surat jurisdiction.
9. Supplier must replace free of charge any part of equipment broken by service engineer during visit and while service.
10. Payment will be made only after submission of the satisfactory certificate by concern officer/ Employee.
11. Scope of work and terms and condition need to be signed and stamp by the agency and has to upload with the bid.
12. Quotation submitted must be printed on letter head of the service provider, and cello tape must be pasted where the total price is mentioned to avoid any discrepancy for the quote amount.
13. Authorisation letter from the manufacturer of equipment should be attached in case of dealer or other service provider.
14. Below check list of document must be submitted along in the envelope,
  - a. Quotation for AMC on company letter head
  - b. GST certificate
  - c. Pan card
  - d. company registration
  - e. authorization letter in case of dealer



## (1) Scope of work for GC FID Annual maintenance contract

- a. Preventive maintenance services
  - a. The service provider has to perform minimum two PM visit i.e. one in the interval of every six months to ensure the following:
- b. GC system checks:
  - a. Inlet maintenance: Replacing the septum, cleaning or replacing the inlet liner, and replacing critical seals.
  - b. Column care: Trimming the column and checking for contamination, or replacing the column if performance degrades beyond recovery.
  - c. Gas supply: Checking and replacing gas filters, such as carrier gas and split vent filters, as needed.
  - d. Leak checks: Using an electronic leak detector to test all fittings and connections.
  - e. Auto sampler: Inspecting and cleaning the syringe, and checking the performance of the auto sampler, including the valve components. •
- c. FID system checks: Source : Through cleaning of the FID System:
  - a. Removing and cleaning the ion source to remove contamination and restore sensitivity.
  - b. leak check:
  - c. Tuning and calibration: Recalibration of the detector with standard.
  - d. Filament check: Inspecting the filament and replacing it when aging. •
- d. Software and system verification: Checking and, with customer approval, updating firmware and software. Saving instrument control settings and reviewing the instrument's logbook.

Breakdown maintenance services: The service provider offers on-demand repairs in the event of equipment failure. Key aspects include:

- a. Response time: A guaranteed maximum response time, such as 24 to 72 hours, from when the fault is reported.
- b. Repair time: A commitment to restore the equipment to full operation within a specific timeframe, such as 14 working days.
- c. Emergency visits: A provision for unlimited emergency service calls as needed.
- d. Service reports: The service engineer provides a detailed report after each maintenance or repair visit.
- e. Penalty clauses: Contracts often include a penalty clause, or liquidated damages.



## (2) Scope of work for HPLC PDA, RI, Fluorescence detector Annual maintenance contract

- a. Preventive maintenance services
  - a. The service provider has to perform minimum two PM visit i.e. one in the interval of every six months to ensure the following:
- b. HPLC system checks:
  - a. Pump & Solvent Module: Sonicate solvent inlet filters and check valves; inspect and replace plunger seals and plungers if worn.
  - b. Auto-sampler: Clean injector tubes, perform purge tests, and verify needle/seal pack alignment.
  - c. Column Oven: Verify temperature precision/stability and test leak sensors
- c. PDA detector check
  - a. Lamp Intensity: Record Deuterium (D2) and Tungsten (W) lamp hours; recommend replacement if intensity drops below 50% (Note: Lamps are usually consumables, billed separately unless specified)
- d. Fluorescence Detector (FLD)
  - a. Lamp Alignment: Check Xenon (flash) or Mercury lamp hours. Perform lamp optimization/alignment if signal intensity is low.
  - b. Wavelength Accuracy: Verify excitation and emission wavelength accuracy using the built-in mercury lamp or standard validation filter.
  - c. S/N Ratio Check: Perform the Raman Band of Water test (or Anthracene test) to verify Signal-to-Noise ratio meets OEM specifications (e.g., > 1000:1).
  - d. Flow Cell Inspection: Inspect the flow cell for blockages or clouding; sonicate if necessary.
- e. Refractive Index (RI) Detector
  - a. Optical Zeroing & Purging: Perform automatic purge and optical zero adjustment to ensure baseline stability.
  - b. Flow Cell Cleaning: Flush the reference and sample cells with appropriate solvents (e.g., IPA/Water) to remove deposits; check for internal leaks (RI cells are highly pressure-sensitive).
  - c. Energy Check: Verify LED/Lamp intensity and check the balance between the reference and sample photodiodes.
  - d. Temperature Stability: Validate the internal heater/cooler stability (typically  $\pm 0.1^{\circ}\text{C}$ ) as RI sensitivity depends heavily on temperature control.
  - e. Performance Verification: Conduct a noise and drift test (Standard Spec: Noise <math> < 2.5 \times 10^{-9}</math> RIU).
- f. Software and system verification: Checking and, with customer approval, updating firmware and software. Saving instrument control settings and reviewing the instrument's logbook.

Breakdown maintenance services: The service provider offers on-demand repairs in the event of equipment failure. Key aspects include:

- a. Response time: A guaranteed maximum response time, such as 24 to 72 hours, from when the fault is reported.
- b. Repair time: A commitment to restore the equipment to full operation within a specific timeframe, such as 14 working days.
- c. Emergency visits: A provision for unlimited emergency service calls as needed.
- d. Service reports: The service engineer provides a detailed report after each maintenance or repair visit.
- e. Penalty clauses: Contracts often include a penalty clause, or liquidated damages.

