

Bid specs for liquid chromatography system.

LC pump will be a binary mixing pump with integrated degassing unit.

Pump will operate up to 600 bar with flow rates of .05- 5ml/min and $\leq 0.07\%$ RSD or $\leq .02$ Min SD.

Pump flow accuracy will be $\pm 1\%$ or 10 $\mu\text{L}/\text{min}$, whatever is greater; pumping degassed H_2O at 10 MPa (100 bar)

Autosampler will have injection volumes capability between 0.1 – 100 μL in 0.1 μL steps.

Autosampler will come with 2 x 54 (2 mL) vial plate, 100 μL and 40 μL sample loops.

Autosampler will have internal volume of 300 μL or less

Autosampler will be Peltier temperature controlled from 4-40 degrees C

Column compartment will handle up to 300mm columns and have temperature control of up to 100°C above to 10 degrees below ambient temperature.

Column compartment temps will be stable to $\pm 0.05\text{ }^\circ\text{C}$ and accurate to $\pm 0.5\text{ }^\circ\text{C}$

LC system must be able to control and collect data from an Agilent 1260 FLD

LC system must be controllable by LC Chemstation software.

System will include a computer and printer.

Existing Chemstation software and methods are to be transferred to the new computer.

Vender will install the instrument system and provide familiarization training

Vender will provide 2 day onsite training if needed in addition to familiarization.

Vender will provide an extended warranty (see attached specifications)

5 year service contract at or above the level of Agilent Advantage Silver.

Warranty specifications:

The vendor will provide a bid for the above specified instrument configuration to include a 5-year service agreement .

Agreement will supply a comprehensive range of services, which will include:

All-inclusive repair for rapidly resolving problems, minimizing disruptions to lab operations

Real-time remote diagnostics and predictive support technology to optimize instrument availability and deliver detailed asset reporting for workflow optimization.

Fast response time

Unlimited, on-demand hardware service visits to restore systems to operating condition and minimize downtime. Coverage includes travel and labor.

Only instrument manufacturer genuine parts are to be used for repairs.

Includes normal wear-and-tear items such as liners, seals, lamps and tubing.

Annual on-site scheduled preventive maintenance visit.

Hardware and software telephone support

Remote diagnosis of problems

Detailed, on-demand reports on inventory, system configuration, usage and utilization.

Proactive text and email notifications

100% repair coverage guarantee. If vendor cannot fix instrument covered by service agreement, vendor will replace the instrument.