

July 07, 2021
NOTICE TO THE PUBLIC
Request for Quotation (RFQ) - 1245423

The Food and Drug Administration (FDA) seeks competitive offers which will be awarded via a purchase order.

Project Title

UPLC Multi-Column Compartment (UMC) and Installation

Period of Performance

07/12/2021-07/11/2022

Statement of Work
UPLC Multi-Column Compartment (UMC) and Installation

The salient characteristics for the equipment are as follows:

Item 1: Compact Bench-top Multi-column Compartment:

The column compartment shall meet the following specifications:

- Shall be able to be incorporated into the exiting Waters Acquity H-Class UPLC system
- Shall be operated with Waters Empower 3 software
- Shall be designed for ultra-performance or ultra-high-pressure liquid chromatography with operating pressure up to 15,000 psi.
- Shall have low volume active preheater to pre-heat the mobile phase and enhance method transfer between column compartments
- Shall provide a delay volume <5 μ L with active pre-heaters and switching valves as well as excellent thermal transfer properties without added system volume.
- Shall provide a temperature range of 4.0-90.0 °C, settable in 0.1 °C increments with temperature accuracy of \pm 0.5 °C and temperature stability of \pm 0.3 °C.
- Shall allow for stacking to support up to six columns with pre-filters or guard columns, from 1.0mm to 4.6mm ID and up to 150mm length, each

with individual low-volume active pre-heaters.

- Shall support optional column switching, with integral column bypass and waste channels, without any plumbing changes.
- Shall support independently controlled temperature zones for each individual column.
- Shall provide decompressing function to protect column lifetimes when column is switched.
- Shall support the e-Cord technology on empower 3 software for traceability of each individual column and document column usage including sample and injection total, temperature and operation pressure.
- Shall be able to stack into current Waters Acquity H-Class UPLC system to reduce overall system dead volume.

Item 2: Warranty:

- Shall have a warranty, including parts and labor, for at least one year.

Item 3: Delivery, Installation, and On-site training

- The vendor shall cover all costs associated with system crating, shipping, and delivery.
- The vendor shall verify proper system operation via on-site performance testing including hardware and software configuration with existing instrument and software

Delivery Location:

The US Food and Drug Administration
White Oak Campus
10903 New Hampshire Avenue
WO Building 62 Loading Dock
Silver Spring, MD 20993

Installation Location:

10903 New Hampshire Ave
Building 64 Room 1065
Silver Spring, MD 20993

All quotes must be received by 10:00 a.m., Eastern Standard Time on July 09, 2021 via email to Linda Troutman at Linda.Troutman@fda.hhs.gov. When submitting the quotation please include the **RFQ#1245329 in the subject line. The FDA intends to make an award immediately after the response date of this notice. The award will be made in accordance with FAR Part 13, Simplified Acquisition.**