

July 07, 2021
NOTICE TO THE PUBLIC
Request for Quotation (RFQ) - 1245422

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

Project Title

PDA Detector

Period of Performance

07/12/2021-07/11/2022

Statement of Work for PDA Detector

Salient Characteristics for the equipment are as follows:

Item 1: Photodiode Array (PDA) detector:

The PDA detector must meet the following specifications:

- Shall be able to connect to the SCIEX 6500+ QTRAP System (6500+ LC-MS/MS)
- Shall have element resolution of 0.5 nm /element.
- Shall have linearity of 2.0 AU (caffeine, 272 nm, 1 nm slit).
- Shall have spectral resolution of 1.4 nm or less (under specified conditions).
- Shall have a Slit width of 1 nm, 8 nm, selectable.
- Shall have a Noise level of $\pm 0.2 \times 10^{-5}$ AU max. (under specified conditions).
- Shall stand pH range of 1-13 (using mobile phases with a pH of 10 or above for long periods may damage the flow cell)
- Shall have robust performance even with complex sample matrix

Item 2: Warranty (Period of Performance):

- 12 months starting at time of equipment installation and validation, including parts and labor.

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

- The vendor shall cover all costs associated with the following:

- System crating, shipping, and delivery.
- Full system software and peripheral installation.
- On-site hardware and software training.
- The vendor shall verify proper system operation via on-site performance testing including hardware and software configuration with existing instrument and software

Delivery and Performance Requirements

FDA Campus Point of Entry Address:

Food and Drug Administration

White Oak Campus

WO Building 62; Loading Dock

Silver Spring, MD 20993

Equipment Installation/Service Performance Location:

Food and Drug Administration

White Oak Campus

WO Building 64 Lab 1027

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#1245421 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.**