

COMMONWEALTH OF PENNSYLVANIA
Department of Health
BUREAU OF LABORATORIES
110 Pickering Way
Exton, PA 19341

Technical Submittal/Bid Specifications

The Pennsylvania Department of Health, Bureau of Laboratories (BOL) is seeking bids for one (1) high resolution time of flight mass spectrometer (HRQTOFMS), one (1) ultra-high pressure liquid chromatograph (UHPLC), one (1) gas generator. The instruments will be used in the identification and quantitation of potential chemical terrorism agents as part of the Laboratory Response Network for Chemical Threats (LRN-C) and the identification and quantitation of drugs of abuse including fentanyl and overdose biosurveillance. All products must be new, and the bidder is responsible for delivery of products to the BOL as well as installation.

1. High resolution mass spectrometer capable of less than 2 ppm mass accuracy
2. Analysis software and PC bundle capable of running it
3. All in one HR-MS/MS Spectral Library
4. UHPLC System, which can be controlled from the same analysis software
5. UHPLC must have, at a minimum, a binary pump with each unit or module capable of being used with both aqueous and organic mobile phases or mixtures thereof
6. Gas generator to provide gasses necessary for the instrument's anticipated daily operation
7. All regulators, tubing and gas purification, including all materials to properly set up and run the UHPLC-HRQTOFMS systems, excluding gas generators, generally used during the first year of use excluding consumables
8. Calibration Solutions needed during the initial year of use
9. On-site Training for at least four participants for all above instruments and all software
10. Complete warranty coverage for the first year of use after installation of all supplied equipment and software
11. All parts, components, and consumables required for installing, tuning, calibrating, running the instrument, as well as training must be supplied, including, but not limited to, all appropriately sized (PEEK or equivalent): tubing, T-connectors, fittings, sample loop, nebulizer, sample inlet, capillary tubing, needle assembly, electrode, vials, caps, cables, etc., for initial set up including any calibration
12. Include cost for three years' worth of service agreements. Service agreements must include, but are not limited to guaranteed on-site response time (24-48 hours or two business days), full parts, labor and travel required for repairs, hardware updates, software updates and upgrades to latest versions, hardware, software, and application telephone support during business hours, access to training courses, preventative maintenance (PM) visits (at least twice per year) and all costs related to the PM, (travel, labor, and parts) for the UHPLC, QTOFMS, and gas generator, as well as discounts on additional software licenses.

Bid cost submittal must be FOB Destination (Net delivery cost) per the Commonwealth Terms & Conditions. DO NOT include separate freight charges.

BID AWARD:

This contract shall be awarded to the bidder providing the lowest priced total dollar amount bid for the project as outlined in the specifications to include manufacture, training, installation, and delivery charges.