



STATE OF HAWAII
DEPARTMENT OF HEALTH
STATE LABORATORIES DIVISION
2725 WAIMANO HOME ROAD
PEARL CITY, HAWAII 96782-1496

In reply, please refer to:
File: SLD/ADMIN

October 10, 2016

The Department of Health, State Laboratories Division is soliciting for bids for the purchase, installation, calibration, and training for one (1) unit Automated Total Nucleic Acid Extraction System. The Automated Total Nucleic Acid Extraction unit shall be installed, calibrated and validated in our laboratory by qualified and trained individuals (s). Vendors will also provide on-site training of our laboratory staff by qualified and trained personnel.

I. EQUIPMENT

Automated Total Nucleic Acid Extraction System,
The system must include the following at the time of solicitation:

- Utilize solid phase extraction technique using magnetic silica particles from extracting nucleic acid from a cell.
- Must have capacity for 24 simultaneous extractions, with the options of downgrading to 1 or 2 sets of 8 extractions.
- Must be able to automatically isolate Total Nucleic Acids, using a single universal, unique bar-coded set of reagents for all sample types and volumes.
- Must allow for the addition of an internal or inhibition control.
- Must be able to process various sample types and sample volumes (from 10ul's up to 1000ul's of serum/plasma) within the same run.
- Must allow the user to select different elution volumes for each sample within a run, as low as 25 ul's.
- Must be able to have the elute ready for downstream applications without further manipulation.
- Must be able to verify by bar code and disposable placement of the sample and tip set insertion.
- Reagents must be monitored by the system for volumes, expiration dates, waste, and lot numbers via bar coding
- Must have the option of reading a bar code label off the patient specimen for sample data input.
- Must be able to give the user the option of either internal or external lysis.
- The system should have minimal plastics, (only 2 pieces as a set) minimizing waste and inventory volumes and procedures.
- Must have a small footprint that will fit a bench-top space measuring 60" wide, 30" deep, with a 40" clearance height and a computer monitor.
- System must not require ultra-centrifugation of primary samples.

- System Must not require addition of other organic solvents or ethanol.

The System Software must include:

- The system must have a “windows- type” software platform.
- System must utilize a touch screen, icon-based interface.
- System must include ability for user login for tracking.
- System will be compatible to feed into downstream lab software.
- High-speed computer per spec requirements of the software.

The System must include the following:

- Extraction reagents must be on-board, and bar-coded for monitoring, and stable for a minimum of 30 days.
- Installation Kits and any standards required for verification of performance.
- Delivery, set up, calibration and validation in our laboratory by qualified and trained personnel
- On-site training (Pearl City, Hawaii) by qualified and trained personnel
- A minimum of one (1) year on-site warranty on all components, **plus** an additional year of service contract coverage.

***The successful vendor must be capable of providing annual maintenance and calibration of this instrument by properly trained and qualified personnel

II. SCHEDULE

The State Laboratories Division building opened in 1995 and operates during the hours of 7:45 A.M. to 4:30 P.M. Monday to Friday and is closed on the weekends and State holidays.

Please submit your price quotation by 12pm (Hawaii time), **October 21, 2016** on HlePRO. Award will be made to the lowest responsive, responsible offer. The offeror must be able to produce a Certificate of Vendor Compliance at the time of award and for final payment.

For information on the Certificate of Vendor Compliance, please refer to the SPO website, www.spo.hawaii.gov.

III. Criteria by which the “best value” to the state will be determined:

If all criteria mentioned above are met, the responsive, responsible offer will be determined by the lowest bid price for the unit

- Bidders must be “Compliant” with Hawaii Compliance Express (HCE) at noon (Hawaii time), “date of the award”, **October 21, 2016**.

OTHER CONDITIONS:

Price shall include shipping charges and all applicable taxes and fees. HlePRO may charge transaction fees that the awarded bidder shall be responsible for paying.

If you have any questions or require more information, please contact Remedios B. Gose (e-mail: remedios.gose@doh.hawaii.gov /phone: 808-453-5984) or Ms. Rebecca Sciulli (e-mail: rebecca.sciulli@doh.hawaii.gov /phone: 808-453-5993)