

November 18 2021

Chatham County Health Department

## Re. TruMed Systems AccuVax<sup>®</sup> is a Proprietary and Sole Source Product

We humbly submit our **Proprietary Purchase Justification** for **Services**. It is TruMed System's mission to help reduce health care costs by providing innovative, efficient, effective point-of-care vaccine supply management, which in turn reduces chances for medication errors and increases a healthcare providers' interaction time with patients. Our patented AccuVax Vaccine Management System is **the first and only** fully automated vaccine storage and inventory management system purpose built for Pediatric Practices, Family Health Clinics and Community Health Centers.

### Proprietary/Sole Source Purchase Justification

1. *Identify the operational features or functions that are unique or proprietary to the requested good(s) or service(s). For services, identify the special and/or unique qualifications of the individual/company providing the services.*

The Patented AccuVax<sup>®</sup> Vaccine Management System is the first and only fully automated vaccine storage and inventory management systems that contains the following proprietary operational features and functions.

- a. Provides vaccine inventory security through by biometric login access
- b. Barcode scanning upon loading to ensure lot and expiry are always accurately tracked
- c. Reduces waste and loss from expiry by automatically rotating vaccine inventory and utilizes a robot to store and always dispense the next to expire dose
- d. Protects vaccine integrity helping ensure patients receive vaccine at optimal potency by monitoring and controlling temperatures consistent with vaccine manufacturers methodology and includes a built-in 9-hour battery backup to address almost all power loss situations
- e. Automates vaccine workflow and frees up nursing time to focus on patient care
- f. Automates VFC (Vaccines For Children federal program) controls and segregates VFC inventory from clinic's Privately owned stock
- g. Provides opportunity to integrate with Electronic Health Record suppliers to eliminate pick errors and facilitate accurate recordkeeping
- h. Prevents expired does from being administered to patients
- i. Constantly tracks exact vaccine inventory and reduces on hand inventory while preventing vaccine stock-out by instantly updating inventory and then sending text or email alerts notifying of low inventory levels
- j. Improves workplace safety due to an ergonomic design that eliminates nurses stressful bending and reaching
- k. Provides 24/7/365 remote monitoring as well as, email and text alerting for power outages or temperature variations
- l. Insuring vaccine inventory against loss from unit performance
- m. Supports optional automatic reordering of vaccines based on pre-set par levels

2. *For equipment, software, or systems, please explain why no other vendor or distributor can fulfill this request.*

AccuVax<sup>®</sup> is the first **and only** fully automated vaccine storage and inventory management system. Until AccuVax, Pediatric Practices, Family Health Clinics and Community Health Centers manually performed many of the tasks and functions listed in Item 1. While there is individual componentry such as Data loggers to monitor temperature and 3<sup>rd</sup> party battery backup modules, Pediatric Practices, Family Health Clinics and Community Health Centers must independently source and attempt to integrate these disconnected components into their manual daily workflow to manage their vaccine inventory. AccuVax is the only solution on the market that combines all the vaccine management requirements into a single patented automated system and this innovation.

3. *Briefly explain the need for the unique features or characteristics outlined in the order. For services, explain the reason any unique qualifications are necessary in the performance of the project requirements.*

Managing a vaccine business and doing it cost-effectively has always been a challenge. To provide better patient care means investing time and resources in a line of business that has traditionally been fraught with medication errors, inefficiency and financial risk. It is costly to administer vaccines in terms of physician, nurse and staff time. Billing, inventory management, registry and medical record documentation, supplies and waste disposal all take up valuable time and lack of automation can lead to human induced errors. Automating these processes using AccuVax<sup>®</sup> has major advantages and provides the ability to offer more immunizations to more patients without extensive cost, investment, time, or hassle.

4. *Explain the reasons competitive products or services are not satisfactory. Identify all other sources whose products/services have been considered for this project and explain why they were found unsatisfactory. Also, attach any quotes/proposals received from other sources, if applicable*

AccuVax is the only fully automated vaccine storage and inventory management systems. There are no competitive products.

5. *For products: Give brand and model number of existing equipment if product will be used with existing equipment. List the purchase order number, if applicable.*

N/A

6. *For services: If the service is related to an existing contract for service, list the existing purchase order number.*

N/A

If you have any questions, or would like additional information about the AccuVax<sup>®</sup> Vaccine Management System features or benefits please contact Jessica Fill @ [Jessica@accuvax.com](mailto:Jessica@accuvax.com).