

SECTION B – STATEMENT OF WORK (SOW)

1. Background:

The SFVAHCS has a requirement for an automated medication dispensing cabinet system for its VA medical center (VAMC) and community based outpatient clinics (CBOCs). This includes the equipment, software, related items, and turnkey installation.

2. Scope of Work:

The scope of work includes providing the equipment, software, and turnkey installation. The equipment will be installed in the VAMC and CBOCs within the SFVAHCS. Equipment and software must be fully compatible/interface with the VA Integrated System Technology Architecture (VISTA) software, be fully compatible/interface with the Swisslog Boxpicker automated pharmacy storage system, be fully compatible/interface with the ATP machine (TCGRx), and be fully compatible with the VA server infrastructure.

3. Supplies/Services:

The items shall be completely new, and shall not be used, refurbished, recycled, or in any other form, including substitutions. Contractor shall not add or substitute any component(s) without prior approval from the contracting officer. The contractor shall be fully licensed to perform the work. A formal on-site survey may be conducted, if needed, to finalize system requirements prior to beginning any installation activities.

4. Specific mandatory deliverables, tasks, salient characteristics:

4.1 Brand name Pyxis MedStation ES 6-drawer Main or equal item(s):

4.1.1 Must meet or be within the dimensions of 22.8” wide (W) x 27” deep (D) x 55” high (H),

4.1.2 Must accommodate a wide range of drawer options: matrix drawer with optional return bin, secure single-wide MiniDrawer, and full-height and half-height smart CUBIE® pockets,

4.1.3 Must have a large touch screen, flat-panel monitor, sealed keyboard, biometric access system, and a scanner port;

4.1.4 Must have a standard alternating current (AC) outlet (110 volts [V]),

4.1.5 Must have a heat dissipation of three hundred and fifty-five (355) British thermal units (BTU)/hour or less,

4.1.6 Must store at least two hundred (200) items,

4.1.7 Must be fully compatible/integrate with existing Knowledge Portal system platform,

4.1.8 Must be able to connect to more than one (1) auxiliary cabinet at a time,

4.1.9 Operating system must be Windows 7 or newer, and

4.1.10 Must be designed for use in a hospital.

SECTION B – SOW

4.2 Brand name Pyxis MedStation ES 7-drawer Auxiliary or equal item(s):

- 4.2.1** Must meet or be within the dimensions: 22.8” W x 27” D x 55” H,
- 4.2.2** Must accommodate a wide range of drawer options: accessible deep bin drawer, matrix drawer with optional return bin, secure single-wide MiniDrawer, and full-height and half-height smart CUBIE® pockets,
- 4.2.3** Must have a large touch screen, flat-panel monitor, sealed keyboard, biometric access system, and a scanner port;
- 4.2.4** Must have a return bin,
- 4.2.5** Must have a standard AC outlet (110V),
- 4.2.6** Must have a heat dissipation of three hundred and fifty-five (355) BTU/hour or less,
- 4.2.7** Must store at least two hundred (200) items,
- 4.2.8** Must be fully compatible/integrate with existing Knowledge Portal system platform,
- 4.2.9** Must be able to connect to more than one (1) auxiliary cabinet at a time,
- 4.2.10** Operating system must be Windows 7 or newer, and
- 4.2.11** Must be designed for use in a hospital.

4.3 Brand name Pyxis MedStation ES 5-drawer Main with Bin or equal item(s):

- 4.3.1** Must meet or be within the dimensions of 22.8” W x 27” D x 55” H,
- 4.3.2** Must accommodate a wide range of drawer options: accessible deep bin drawer, matrix drawer with optional return bin, secure single-wide MiniDrawer, and full-height and half-height smart CUBIE® pockets,
- 4.3.3** Must have a large touch screen, flat-panel monitor, sealed keyboard, biometric access system, and a scanner port;
- 4.3.4** Must have a return bin,
- 4.3.5** Must have a standard AC outlet (110V),
- 4.3.6** Must have a heat dissipation of three hundred and fifty-five (355) BTU/hour or less,
- 4.3.7** Must store at least two hundred (200) items,
- 4.3.8** Must be fully compatible/integrate with existing Knowledge Portal system platform,
- 4.3.9** Must be able to connect to more than one auxiliary cabinet at a time,
- 4.3.10** Operating system must be Windows 7 or newer,
- 4.3.11** Must be designed for use in a hospital.

4.4 Brand name Pyxis MedStation ES 7-drawer Auxiliary or equal item:

SECTION B – SOW

4.4.1 Must be fully compatible with and able to attach to the Pyxis MedStation ES Main or equal item(s),

4.4.2 Must meet dimensions: 22.8” W x 27” D x 47” H,

4.4.3 Must accommodate a wide range of drawer options: accessible deep bin drawer, matrix drawer with optional return bin, secure single-wide and triple-wide MiniDrawer, and full-height and half-height smart CUBIE® pockets;

4.4.4 Must have a standard AC outlet (110V),

4.4.5 Must store at least two hundred and fifty (250) items,

4.4.6 Must be fully compatible/integrate with existing Knowledge Portal system platform, and

4.4.7 Must be designed for use in a hospital.

4.5 Brand name Pyxis Refrigerator Remote Manager or equal item(s):

4.5.1 Must provide controlled point-of-use access, electronic tracking and transaction data recording for temperature-sensitive medications,

4.5.2 Must generate reports for inventory management,

4.5.3 Must use an electronic locking latch that can be compatible on flat- or round-door units and left- or right-side refrigerators,

4.5.4 Must be compatible with medical-grade, consumer-grade, freezer-less, and frost-free refrigerators,

4.5.5 Must integrate with Pyxis MedStation or equal items, and

4.5.6 Must be designed for use in a hospital.

4.6 Brand name Pyxis MedStation ES Single Column Auxiliary or equal item(s):

4.6.1 Must be fully compatible with and attach to Pyxis MedStation ES Main or equal items,

4.6.2 Must meet or be within the dimensions: 31” W x 28” D x 79.5” H,

4.6.3 Must accommodate at least nine (9) shelves through four (4) individually locked doors,

4.6.4 Must have a standard AC outlet (110V),

4.6.5 Must store at least sixty (60) large items,

4.6.6 Must be fully compatible/integrate with existing Knowledge Portal system platform, and

4.6.7. Must be designed for use in a medical facility.

4.7 Brand name CareFusion Knowledge Portal or equal item(s):

4.7.1 Must generate medication dispensing analytics quickly and accurately,

4.7.2 Must be a web-based application,

SECTION B – SOW

4.7.3 Reports generated must include information about problem areas, stockouts, and trends;

4.7.4 Must be able to support more than one-hundred and fifty (150) medical beds, and

4.7.5 Must be designed for use in a medical facility.

4.8 Brand name Pyxis ES system or equal item(s):

4.8.1 Must allow for management centralization of remote locations,

4.8.2 Must include workflow functionality to queue orders at the bedside,

4.8.3 Must be fully compatible/integrate with existing CareFusion Security Module for operating system and anti-virus patches,

4.8.4 Must support system backup software provided by hospital,

4.8.5 Must have capability to integrate with Active Directory

4.8.6 Must be fully compatible/interface with existing medication management system Swisslog Boxpicker automated pharmacy storage system;

4.8.7 Must be fully compatible/interface with existing ATP machine, TCGRx;

4.8.8 Must be fully compatible/interface with existing VISTA software, and

4.8.9 Must be designed for use in a medical facility.

4.8 Brand name Pyxis Enterprise Server or equal item(s):

4.8.1 Must be able to deploy to virtualized environment VMware,

4.8.2 Must be manageable on a single database,

4.8.3 Operating system must be Windows Server 2008 R2 or newer,

4.8.4 Database must be SQL 2012 or newer,

4.8.5 Must be equivalent to Dell 630 XL server hardware or higher,

4.8.6 Must have Intel Xeon Quad Core Processor E5520 or higher, and

4.8.7 Must be designed for use in a medical facility.

5. Installation:

5.1 All work and installation will be coordinated with the VA POC and individual VA facility locations within the SFVAHCS pharmacy, Office of Information and Technology, and biomedical engineering departments.

5.2 A detailed installation schedule will be provided during the project implementation kick-off meeting.

5.3 The contractor shall coordinate the phasing schedule with the VA POC, and shall submit a phasing schedule in writing to the VA POC for approval two (2) weeks prior to the start of any work.

SECTION B – SOW

5.4 The contractor will confine operations (including storage of materials) on the Government's premises to areas authorized and approved by the VA POC. Work space(s) and/or any other space(s) available shall be as determined by the VA POC.

5.5 The contractor shall verify that the automated medication dispensing cabinet system is turnkey ready and meets all the requirements in the contract through demonstration and validation prior to any sign off and/or acceptance of the system.

5.6 The VA POC may sign off and/or accept the system after the system has been verified to be turnkey ready, and it has been verified that all of the requirements of the contract have been met.

5.7 The contractor shall provide three (3) copies of each Material Safety Data Sheet (MSDS) for every product, chemical, etcetera used on this project that has an MSDS. MSDS sheets shall be provided on the same day that the applicable items arrive on VA property. At no time shall the contractor have, or permit subcontractors to have, any applicable product(s), chemical(s), etcetera on VA property without an MSDS sheet. All instructions for use on MSDS sheets shall be followed. Product(s), chemical(s), etcetera will not be used until MSDS sheets have been submitted to the VA POC. The contractor shall maintain a current loose-leaf notebook that is green in color on the job site(s) at the VA facilities at all times, and it shall be readily available for viewing by the VA POC and/or VA Safety Officer at all times.

6. System Support:

6.1 Contractor will provide a call back response for any needed repair(s) of the system within four (4) hours of a call from the VA during the normal working hours of 7 a.m. – 5 p.m. Pacific Standard Time, Monday through Friday, for one (1) year following the date of acceptance of the system.

6.2 Contractor will be available for any repair(s) of the system and provide repair(s) of the system on site twenty-four hours per day and three-hundred and sixty-five (365) days per year for one (1) year following the date of acceptance of the system.

6.3 Contractor will conduct one (1) preventive maintenance visit for each unit during the one (1) year period following acceptance of the system.

6.4 Service reports, along with, quarterly aggregate reports, shall be emailed or mailed or faxed to SFVAMC's chief of biomedical engineering or designee.

6.5 The VA shall have full access to the hardware and software of the entire system, including, but not limited to, any diagnostic software features and general administration rights. The contractor shall brief the VA engineering POC on any software upgrades and/or

SECTION B – SOW

changes prior to making any upgrades and/or changes, and the VA engineering POC must agree to any software upgrades and/or changes prior to any upgrade or installation. The contractor shall provide and install manufacturer recommended software upgrades and changes at no additional charge during the warranty and/or contract time period.

6.6 For any repairs or services that will be performed during normal working hours, the contractor's service representative will report to the VA POC or designee upon arrival. Upon completion of the work, the vendor's service representative must report in person to the Point of Contact and must present a copy of his/her field service report signed by the service using the equipment. This report must reflect date and time of service, name of company, and the name of the vendor's service representative. At a minimum, this report must contain a detailed description of any services or repairs performed and identification of the units serviced. It must include a listing of replacement parts, when applicable. The report will also include the vendor's recommendations necessary to maintain the equipment in best operating condition. Preventive maintenance procedures followed should be thoroughly documented (step-by-step) on the service report.

7. User and Service Manuals:

7.1 Two (2) complete and unabridged printed copies of operator manuals shall be provided to the VA, and two (2) complete and unabridged printed copies of service manuals shall be provided to the VA at the time of installation of the equipment.

7.2 One (1) electronic version (CD) of the unabridged operator manual and service manual shall be provided to the VA at the time of installation of the equipment.

7.3 Upgrades to the manuals shall be provided to the VA by the contractor free of charge.

8. Delivery:

8.1 The equipment, related parts, and other deliverables shall be delivered to the VA warehouse.

8.2 The VA will transport the equipment, related parts, and other deliverables from the warehouse to the SFVAHCS facilities for installation.

9. Packaging:

9.1 All items shall be marked clearly with the order number, obligation number, and delivery location within the hospital (e.g. warehouse).

9.2 All items shall be adequately packaged to prevent damage during shipping, handling, and storage. Bags or boxes or containers shall be whole, intact, and not otherwise torn or damaged.

9.3 Upon delivery, the Government shall examine all packages. The contractor shall be required to replace damaged products at the contractor's expense.

SECTION B – SOW

10. Administrative Data:

10.1 Upon Contractor Point of Contact: The contractor shall designate one (1) employee as the point of contact (POC) responsible for administrative matters in the performance of services under this contract. The POC shall have full authority to act for the contractor on all matters relating to the daily performance of this contract. An alternate may be designated, but the contractor shall notify the contracting officer and VA POC, in writing for those times when the alternate shall act as the POC.

The contractor shall provide the name and telephone number of the person designated as POC and alternate POC on the space below:

POC

Name:

Telephone Number:

Alternate Point of Contact, Name:

Telephone Number:

Alternate POC

Name:

Telephone Number:

Alternate Point of Contact, Name:

Telephone Number:

10.2 Hours of Work:

10.2.1 Installation will be conducted Monday(s) through Friday(s) during normal working hours from 7:30 a.m. to 4:30 p.m. Pacific Standard Time. Working after hours or on weekends or on holidays is not authorized unless the VA POC has provided written authorization.

10.2.2 Any request(s) to work during weekend(s), holiday(s) or after hours must be submitted in writing to the VA POC at least two (2) weeks prior to the requested date(s). The request(s) must include the extent of the work, workers involved, the affected areas, and the estimated times of the work.

10.2.3 Work will be executed so as to interfere as little as possible with the normal operations and/or functioning of the VA facilities.

10.3 Identification (ID) Badges:

SECTION B – SOW

10.3.1 All contractor personnel are required to wear a time-limited, VA ID badge at all times while at any of the SFVAHCS facilities. The contractor's employees must have a valid state driver's license or state identification card to obtain a VA ID badge.

10.3.2 Identification badges shall be obtained from the SFVAHS police department located on the ground floor of building number 203.

10.3.3 All contractor personnel are required to sign in and out at the VA police dispatch at the corresponding SFVAHCS locations as directed by the VA POC or designee at each VA facility.

10.4 Clean-up and Storage:

10.4.1 The contractor shall clean-up the work, storage, and staging areas daily, and areas shall be kept clean and neat. The contractor shall provide sufficient trash containers so that debris is not left lying around. The containers shall be emptied at least weekly, and more frequently, if needed.

10.4.2 Materials and/or equipment shall be stored in designated contractor storage areas.

10.5 Parking:

All vehicles shall be parked at the contractor's staging area, which shall be off site of the VA premises.