

SECTION B – STATEMENT OF WORK (SOW)

1. Background:

The VASNHS has a requirement for a patient elopement and wandering (PEW) system. Inpatients often become confused and disoriented for a variety of reasons. Caregivers, who accompany patients to the medical center, have patients under their care who often wander or are at risk for wandering. Emergency room (ER) patients often leave the area to receive examination and at times elope. The PEW system will assist in mitigating the risk associated with wandering patients from all covered areas within the VA hospital.

2. Scope of Work:

The scope of work includes providing the hardware, software, installation, and training for a patient PEW system. The system is for the ER on the 1st floor, intensive care unit (ICU)/step-down unit (SDU) on the 5th floor, and the inpatient wards on the 6th floor of the VA hospital. Hardware is to be installed on-site. Software may be installed off-site. Schematics are attached to this solicitation. Please note that elevators have been removed from the design.

3. Supplies/Services:

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

Specific mandatory Tasks and/or Deliverables and/or salient characteristics:

PEW System:

- 3.1 Must be compatible with the existing CenTrak access control and fire alarm system,
- 3.2 Must be automated,
- 3.3 Must be a turnkey system,
- 3.4 Must be capable of tracking patient elopement and wandering events twenty-four (24) hours per day, three-hundred and sixty-five (365) days per year,
- 3.5 Must include system design and implementation services that includes the preliminary design, site survey, final design, installation instructions, configuration of software/firmware parameters, system testing, and turnkey project management,
- 3.6 Must include twenty-two (22) door controllers, twenty-two (22) maglocks, one (1) server computer with monitor and server software license, seven (7) workstation computers with monitors and workstation software licenses, 24 Volt power supplies, Ethernet cabling, 18/2 wiring, and 100 patient tags.
- 3.7 Must include PEW software for twenty-two (22) door controllers, and twenty-two (22) maglocks,
- 3.8 Must provide two (2) days of on-site training for staff during all shifts,

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- 3.9 Must be compatible with VA Real Time Location System (RTLS),
- 3.10 Software must be compatible with STARS,
- 3.11 Must have the capability to lock doors when tagged patients are approaching,
- 3.12 Must have the capability to unlock doors when tagged patients move far enough away from doors,
- 3.13 Must track patients wirelessly,
- 3.14 Radio-frequency identification (RFID) chip must be in a wristband for patients,
- 3.15 Must be a stand-alone system with the ability to integrate into the VA RTLS system,
- 3.16 Must generate reports that provide information on door accesses and denials,
- 3.17 Users must be able to dictate the programming and responsiveness of the system in their areas,
- 3.18 Must be configurable to permit patient transport and staff permissions through guarded doors,
- 3.19 After installation, must provide as built schematics,
- 3.20 Must include at least one hundred (100) patient wristbands that are used with the PEW system,
- 3.21 Staff must be able to adjust rules and access at the individual level,
- 3.22 Staff must be able to customize by severity (high-risk vs. low-risk patients),
- 3.23 Must be designed for hospital use, and
- 3.24 Must be a complete and fully operational system at the conclusion of the hardware and software installation.

4. Administrative Data:

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:



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Telephone Number:



The POC shall be available by telephone during normal business hours; Mon-Fri 0730 – 1600 Pacific Standard Time.