

## SALIENT CHARACTERISTICS

*Salient characteristics are those characteristics that make an item equal to the brand name item we specify. Specifically, salient characteristics, are those characteristics of the brand name item that the VA needs.*

### **Patient Lift Features**

#### **Lift Unit**

- a. Must meet all Underwriters Laboratory requirements, life safety codes, national electric codes, fire safety codes, and all other applicable federal, state and local codes. Appropriate documentation should be provided.
- b. Must comply with ISO 10535 (Hoists for the transfer of disabled persons – Requirements and test methods).
- c. Must be motorized (optional upgrade).
- d. Must interface with a hand control for electronic lifting and lowering of patients.
- e. Must recharge automatically, by recharging at any location on the rail.
- f. Must include electronic soft start and soft stop.
- g. Must have a capacity for lifting 550 pounds for standard rooms. (105 each)
- h. Must not beep or flash during normal operation to avoid alarming or disturbing staff and patients.
- i. Must be compatible to allow for smooth operation for interface trolley that works on the existing GH2 rails and seamlessly works with the continuous charge system that allows for the hoist to charge anywhere on the rail, and to be ready at all times.
- j. Must have an emergency stop pull cord that is easily accessible from standing person's height.
- k. Must have an emergency patient lowering option to safely lower patients from a standing person's height without use of tools in the event of equipment malfunction.
- l. Must be capable of picking patients up off the floor- lifting strap length 96 inches or more.
- m. Must have an integrated patient scale with accuracy that meets or exceeds +/- 0.5% at max load.
  1. Integrated scale must have a readout in the hand controller and must not decrease the lifting height of the system.
- n. Must be upgradable to allow for positioning lock of the hoist.
- o. Must have capability for displaying data in the hand controller that provides time of lift, amount of weight of lift, duration of lift total lift count, total hours, last/next service plus visual alerts for preventative maintenance inspections.
- p. Must have a three-year warranty on all parts and labor including batteries. Warranty shall include all travel or shipping associated with any warranty repair.
- q. Must accept the Nickel Metal Hydride (NIMH) battery
- r. Must have 15-year average life span
- s. Must have a wireless interface that is Wi-Fi ready which would allow for connectivity to the VA's network infrastructure.
  1. The lift system must have capability to be monitored remotely via web access.

### Hangar Bars/Accessories

- a. System must include a hanger bar without easily breakable parts such as rubber flaps.
- b. Hangar bars must be easily interchangeable without need of tools.

### Batteries

- a. The system will utilize Nickel Metal Hydride (NIMH) batteries
- b. Batteries provided will have a three-year warranty. Warranty shall include all travel or shipping associated with any warranty repair.
- c. The system will have visual and audio low battery indicator(s).

### Vendor

- a. Must provide proof of ongoing service quality and consistent management, including failure reports and any other applicable documentation, to be presented with the bid.

### Training/Service

- a. Vendor to provide certified in-service training for all shifts of direct patient care staff in units where lifts are installed at no additional cost to the Government (up to 10 sessions). This training must include hands-on lift use and be extensive enough to prepare participants to train others.
- b. Vendor to provide service maintenance training to Biomedical Engineering personnel. Training to include preventive maintenance, inspections and repairs.
- c. Vendor must provide localized service support.

### Planning and Installation

- a. Contractor will provide all qualified personnel, materials, equipment and services necessary to install new hoist with conversion trolley to operate on existing GH2 continuous charge rail, and hanger bar, attachment hardware, and all other equipment necessary for safe operation.
  - b. Contractor will reinstall traverse rail and test all lifts to manufacturer specifications and VA checklist requirements.
    1. To include all anchor, pull testing for lifts attached to the ceiling infrastructure
    2. To include calibration/testing of integrated patient scales
    3. Must comply with requirement of VHA Patient Safety Alert AL14-07, including the Checklist for Installation and Relocations. Installation checklist must be filled out for each lift in addition to any checklist required by the manufacturer.
    4. Must be weight tested at 1.5 times the 550 pounds hoist maximum lifting capacity.
  - c. Contractor will use calibrated weights for testing of lifts.
  - d. Contractor will provide evidence of testing of all lift systems provided.
  - e. Contractor will be responsible for the removal and disposal of the existing GH2 model hoist and give a credit back to the VA.
- 2) Complete generic identification** –Replacement hoist and conversion trolley to operate on existing continuous charge rails, hanger bars, integrated patient scale, and wireless interface to allow to connect to the hospital Wi-Fi wireless system.

**3) Applicable model/make/catalog number – Goldmann GH3+ Lifting Module**

**4) Manufacturer name – Goldmann**

Per VAAR 811.104 and 811.105, I certify the following regarding the above information:

- The salient characteristics listed above are essential to the Government's requirements.
- To my knowledge, the restrictions listed above will not limit the acquisition to an item peculiar to one manufacturer.