APPENDIX E

FOR

SUPPORT EQUIPMENT

AT

GRISSOM ARB, INDIANA

BUILDINGS 613

CSN VGR601

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1. GENERAL SCOPE

This appendix establishes the minimum performance, design, fabrication, installation, and test requirements for support equipment at Grissom ARB, Building 613. The work shall be completed in accordance with this appendix, the Cover Purchase Description (PD), and Air Force (AF) Drawing VGR601-01. This appendix covers all equipment, materials, and labor necessary to complete installation of the system.

2. APPLICABLE DOCUMENTS

Applicable documents shall be in accordance with Section 2 of the Cover PD.

3. REQUIREMENTS

3.1. SYSTEM DESCRIPTION

Support equipment shall be provided as part of turn-key storage aid system.

3.2. CHARACTERISTICS

Support equipment shall conform to the following requirements.

3.2.1. CONFIGURATION REQUIREMENTS

Support equipment shall be located and configured as shown on AF Drawing VGR601-01 or as outlined below.

3.2.2. STRUCTURE AND INSTALLATION

- **Stock Assist Vehicles**
  - (2) stock assist vehicles delivered to Building 613
  - Minimum lift height for operator platform: 118 inches
  - Operator platform capacity: 300 pounds
  - Powered load tray capacity: 200 pounds
  - Features
    - Minimum 200 amp-hour maintenance free battery pack with on board battery charger
    - Battery discharge indicators
    - Key switch
    - Front and rear strobe lights
    - Simultaneous travel and lift
    - Interlocking operator compartment gates
    - Dual feet sensors
    - Hour meter
    - Horn
    - Front and side bumpers
    - Retractable charger cord

        - Remote manual descent
        - Minimum 42” high operator compartment
        - Mast and platform storage pockets
        - Service, Parts, and Operator Manuals

- **10K Pallet Jack**
    - (1) Electric pallet jack delivered to Building 613
    - Performance Requirements
        - Load Capacity: 10,000 lbs minimum
        - Power Steering: Required
        - Fork Design: Blunt nose, compatible with 463L pallets
    - Dimensional Requirements
        - Fork Dimensions: 96 inches (length) x 54 inches (width)
        - Individual Fork Width: 10 inches
        - Clear Opening Between Forks: 36 inches
        - Load Backrest Height: 48 inches
        - Fork Height (Lowered): 3.25 inches
        - Fork Height (Raised): 9.25 inches
    - Electrical System
        - Battery Type: Lithium-Ion
        - Charger: On-board, 110V AC, compatible with standard wall outlet power sources
    - Instrumentation and Safety Features
        - Battery Discharge Indicator: Required
        - Lift Interrupt System: Required
        - Hour Meter: Required

- **Processing Counters**
    - (4) Processing counters shall be delivered.
    - 120”L x 30”W with 1-3/4” thick hardwood top
    - Supported by (1) steel leg and (1) Modular Cabinet Pedestal (29-inch wide) with 5 drawers
    - 45”H providing a countertop height worksurface
    - Solid metal backpanel completely enclosing back end

- **Collapsible Storage Bins**
    - (100) Collapsible Storage Bins shall be delivered to Building 613 as outlined in the table below
    - Collapsible and stackable up to 6 High
    - Include lids
    - Black in color
    - (3) Dollies of appropriate size shall be provided
        - (4) lockable swivel 5” casters
        - Steel construction

Count	Length	Width	Height	Weight Cap
50	48”	40”	34”	1,500 pounds
50	48”	40”	50”	1,750 pounds

- **Bollards**
  - Provided as shown on AF Drawing VGR601-01
  - Minimum 5”W by 5”D x 42”H and 3/16” tick steel with a welded base plate. The top of each bollard shall be enclosed/covered
  - Anchored in accordance with the manufacturer’s installation procedures

- **Rolling Ladder**
  - (1) Rolling ladder shall be delivered to Building 613
  - 10-step (100-inch platform)
  - 24” wide metal steps
  - Minimum 450 pound weight capacity
  - Minimum 20-inch deep top step
  - Lock-out bar prevents movement of ladder when in use

- **AV Cart**
  - (2) AV carts shall be delivered to Building 613
  - Nominal dimensions: 26”L x 20”W x 30”H
  - Minimum weight capacity: 400 pounds
  - Powder-coated steel
  - 4” rubber swivel casters, (2) locking
  - Slide-out keyboard tray
  - 3-outlet power strip with 15’ cord
  - Conceptual Picture:

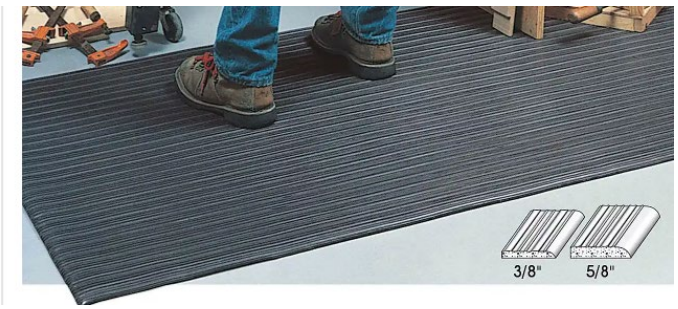


- **Work Height Platform Truck**
  - (4) Work Height Platform Trucks shall be delivered to Building 613
  - Nominal dimensions: 48”L x 24”W
  - Nominal deck height: 27”H
  - Minimum weight capacity: 2,000 pounds

- Hardwood worksurface
- 5” Non-marking caster wheels, (2) swivel, (2) rigid
- Conceptual Picture:



- **Ergonomic Mat**
  - (1) Ergonomic anti-fatigue mat shall be delivered to Building 613
  - Nominal dimensions: 40’L x 4’W
  - Minimum thickenss: 5/8”
  - Beveled edges to prevent tripping hazard
  - PVC foam, rubber, or equivalent material
  - Conceptual Picture:



- **Electric Pallet Jack**
  - (2) Electric pallet jacks shall be delivered to Building 613
  - Minimum load capacity of 3,000 pounds
  - Minimum fork length of 42”
  - Maintenance-free battery
  - Polyurethane wheels
  - Push button lift controls and forward/reverse thumb wheels
  - Reverse safety switch

- **Corner safety marker**
  - (20) Corner safety markers shall be delivered to Building 613
  - Nominal dimensions: 24”L x 12”H (side) x 24”H (center)
  - ¼” thick
  - Yellow powder coated steel
  - Black hazard stripes and “Safety First” or equivalent text

- Ability to be bolted to floor
- Conceptual Picture:



- **Deluxe Cart**
  - (3) Deluxe carts shall be delivered to Building 613
  - Nominal dimensions: 72”L x 36”W
  - Minimum weight capacity: 2,500 pounds
  - (2) 8” swivel, (2) 8” rigid casters
  - Conceptual Picture:



- **Jumbo Cart**
  - (4) Jumbo Wheel Platform Trucks shall be delivered to Building 613
  - Nominal dimensions: 60”L x 30”W
  - Nominal platform height: 20 3/4 “H
  - Minimum weight capacity: 2,500 pounds
  - Steel deck
  - (2) 16” fixed wheels, (2) 12” swivel casters
  - Conceptual Picture:



- **Hoppers**
  - (2) Heavy-Duty Poly Box Truck/Hoppers shall be delivered to Building 613
  - Nominal dimensions: 48”L x 32”W x 38”H
  - Minimum weight capacity: 1,200 pounds
  - Removable vinyl closures
  - (2) swivel and (2) rigid casters
  - Conceptual Picture:



4. QUALITY ASSURANCE PROVISIONS

4.1. INSPECTION

The support equipment shall be inspected to verify that it meets all the requirements of sections 1, 2, and 3 of this appendix and the Cover PD. These inspections shall be completed as part of the system checkout test and again as a part of the quality conformance test.

4.2. TESTS

The following tests shall be performed on the system as part of the system checkout test and again as a part of the quality conformance test.

No.	Description	Result
1.	Stock assist vehicle delivered as specified	☐ Pass ☐ Fail
2.	10K Pallet Jack delivered as specified	☐ Pass ☐ Fail
3.	Processing Counters delivered as specified	☐ Pass ☐ Fail
4.	Collapsible Bins delivered as specified	☐ Pass ☐ Fail
5.	Bollards installed as specified	☐ Pass ☐ Fail

6.	Rolling Ladder delivered as specified	☐ Pass ☐ Fail
7.	AV Cart delivered as specified	☐ Pass ☐ Fail
8.	Work Height Platform Truck delivered as specified	☐ Pass ☐ Fail
9.	Ergonomic Mat delivered as specified	☐ Pass ☐ Fail
10.	Electric Pallet Jacks delivered as specified	☐ Pass ☐ Fail
11.	Corner Safety Markers delivered as specified	☐ Pass ☐ Fail
12.	Deluxe Carts delivered as specified	☐ Pass ☐ Fail
13.	Jumbo Carts delivered as specified	☐ Pass ☐ Fail
14.	Hoppers delivered as specified	☐ Pass ☐ Fail