

Load Handling System Compatible Water Tank Rack (Hippo)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

To provide a mobile, hard-wall water tanker for bulk distribution of potable water to the division and brigade areas.

DESCRIPTION

The Load Handling System Compatible Water Tank Rack (Hippo) represents the latest in bulk water distribution systems technology. It replaces the 3K and 5K Semi-trailer Mounted Fabric Tanks (SMFTs). The Hippo consists of a 2,000-gallon potable water tank in an ISO frame with an integrated pump, engine, alternator, filling stand, and 70-foot hose reel with bulk suction and discharge hoses. It has the capacity to pump 125 gallons of water per minute. The Hippo is fully functional mounted or dismounted and is transportable when full, partially full, or empty. It is designed to operate in cold weather environments and can prevent water from freezing at -25 degrees Fahrenheit. The Hippo can be moved, set up, and established rapidly using minimal assets and personnel.

SYSTEM INTERDEPENDENCIES

HEMTT-LHS, PLS, and PLS Trailer

PROGRAM STATUS

- **2QFY07:** Full material release
- **FY08:** Production and fielding
- **2QFY08:** Hippo discoloration issue
- **4QFY08:** Placed additional quantities to current contract

PROJECTED ACTIVITIES

- **FY09:** Continue production and fielding
- **FY09:** New competitive production contract
- **FY09:** Update integrated electronic technical manuals
- **FY10:** Continue production and fielding
- **FY11:** Continue production and fielding

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

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FOREIGN MILITARY SALES

None

CONTRACTORS

Mil-Mar Century, Inc. (Miamisburg, OH)

