



Product Manager CE/MHE

PM – LTC Kerley Nelson

DPM – John Daniele



Cranes • Dozers • Graders • Scrapers • Lifts • Container Handlers • Excavators •



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Product Manager –

Combat Engineer/Material Handling Equipment

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Product Manager

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MISSION

Lead the acquisition of Combat Engineer and Material Handling systems to provide soldiers with equipment that fulfills their wartime and peacetime operational requirements.

VISION

To be recognized as a Ready, Reliable, Responsive and Innovative Department of the Army Expert in Commercial and Non-Developmental Item (CaNDI) Acquisition.

SYSTEMS

- Medium Dozer Type 1 & Type 2
- Light Dozer Type 1 & Type 2
- Heavy Loader Type 1 & Type 2
- Light Loader Type 2
- Heavy Grader Type 1 & Type 2
- Heavy Scraper
- Hydraulic Excavator Type 1
- High Mob Eng Excavator Type 1 & Type 2
- Back Hoe Loader
- Asphalt Mixing Plant
- Skid Steer Loader Type 2 & 3
- EMM Water Distributor
- Hasty Road Repair
- Soil Density Tester
- Vibratory Plate Compactor
- Eng Rapid Airfield Cont Capability II
- Eng Rapid Airfield Cont Capability III
- Eng Rapid Airfield Cont Capability IV
- Bituminous Paving Machine
- Type 2 Heavy ATEC
- Water Well Drill Rig
 - Support Truck
 - Mud Trailer
 - Compressor Trailer
- Vegetation removal Tool
- Machine Powered Mower
- Self Propelled Concrete Saw
- Portable Asphalt Patcher
- Dust Palliative Dispenser
- Wide Area Mower
- Portable Concrete Mixer
- CE Service Life Extension Program
- Route Clearance Interrogation System
- AoA



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Family Of Dozers FUE 4th QTR FY12 AAO Medium: 1378 AAO Light: 175

Prime Contractor: Caterpillar Inc, Mossville, IL

MISSION: The FOD consists of a light T-5 dozer and a medium T-9 dozer. Both vehicles will have either a winch or a ripper. The FOD provides support to the joint Future Force Capability in maneuver support, enable theater access, assured mobility, and airstrip/airfield construction. The FOD also provides earthmoving operational capabilities, will enhance entry capabilities and infrastructure, enable theater air and ground lines of communications (LOC), and protect/facilitate multiple theater entry points. TC/MR Package for medium dozers sent forward 05 Apr. Still working C17 air-drop requirement for light dozer. Will process TC/MR package for release to non airborne by Jun.

PERFORMANCE: Dozing, grading, cutting and filling.



Family of Loaders Fielding through FY13 AAO Heavy :322 AAO Light: 256

Prime Contractor: Caterpillar Inc, Mossville, IL

MISSION: Program consists of light loader (2.5 cu yd), Ca

terpillar 924H and heavy loader 4.5 – 5.0 cu yd), Caterpillar 966H. Both types support the Combat Support Brigades as part of the Air/Ground Lines of Communication force and is used for repair/improve roads, trails, bridges, and airfields.

PERFORMANCE: Air transportable with C-130 Light Loader w/o armor and C-17/C-5 with armor .



Motorized Grader FUE Was 27 Mar 2012 AAO: 753

Prime Contractor: Caterpillar Inc, Mossville, IL

MISSION: Vehicle is used to grade roads and runways in Horizontal Companies, Engineer Support Companies, Asphalt and Quarry Platoons.

PERFORMANCE:

Vehicle is air transportable, equipped with a diesel engine, 4 wheel drive and joystick control.



Heavy Scraper USMC Contract, FUE 4QFY13 AAO: 747

Prime Contractor: Caterpillar Inc, Mossville, IL

MISSION: The heavy Scraper is used for cutting, scraping, self-loading, hauling, dumping and spreading of earth during earthmoving operations.

PERFORMANCE: The Heavy Scraper is a diesel engine driven, self propelled, two-axle, pneumatic-tire, 14-18 cu yd minimum struck capacity commercial open bowl machine



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Hydraulic Excavator (HYEX) Last Fielding FY13 AAO:259

Prime Contractor: John Deere, Moline, IL

MISSION: The HYEX, Type I is a commercial piece of construction equipment with minor military modifications and is used to excavate and load earth, blasted rock, sand and other types of aggregate into standard Army trucks, concrete mobiles, and rock-crushing units. Capable of conducting rapid runway repair, initial base camp construction, reconstruction, repair and maintenance of ground lines of communication.

PERFORMANCE: Transportable by C-5 & C-17 aircraft. Capable of accepting armor.



High Mobility Engineer Excavator (HMEE-I) Fielding through FY16 AAO: 723 (Up From 624)

Prime Contractor: JCB, Pooler, GA

MISSION: The HMEE-I will support the BCTs and Route Clearance Teams. It is a high speed, self-deployable, excavator capable of keeping pace with combat vehicles. New requirement to field to Route Clearance Companies and QM units. Requires 3 year contract extension.

PERFORMANCE: Top speed of 60 mph on highway, 25 mph on secondary roads. Self-deployable and C-130 transportable (w/o armor). Capable of accepting armor.



Backhoe Loader (BHL) Last Fielding FY11 AAO:646

Prime Contractor: Case New Holland. Racine, WI

MISSION: The BHL is a Case Model 580SM, a lightweight backhoe with minor military modifications. Replaces the Small Emplacement Excavator in selected units. Supports the Combat Support Brigades as part of the Air/Ground Lines of Communication force and is used for repair/improve roads, trails, bridges, and airfields.

PERFORMANCE: Travels at speeds up to 25 mph on primary roads, and 7 mph cross country. Air transportable in C-130 (w/o armor), and highway transportable with M916/M870 and M915/M172 truck trailer combination. Capable of accepting armor.



Upcoming Products

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- Engineer Rapid Airfield Construction Capability
 - Four Types Of ERACC
 - Gaining = ESCs
 - Type I Managed By PM CTIS
 - Type II Blade Leveling
 - AAO = 360 / Fully Funded
 - Funding = FY13–15 / Budget = \$26.26M
 - FUE = Dec 2014
 - Now Prepping MS-C / TC-LP / FRP Decision Package
 - Using USMC Contract - TAD Nov 2012
 - Type III Mobile Technical Engineer Laboratory
 - AAO = 86 / Fully Funded
 - Funding = FY15–17 / Budget = \$25.07M
 - FUE = TBD
 - Now Conducting Market Research
 - TARDEC Developed TDP / Competitive Contract
 - Type IV Soil Stabilizer
 - AAO = 40 / Fully Funded
 - Funding = FY14–16 / Budget = \$7.2M
 - FUE = TBD
 - Market Research Complete
 - Now Prepping Key PM Documents
- Type II Heavy All Terrain Crane
 - AAO = 187 / Affordable = 104
 - Gaining = Horiz, Clear Co, ESP, MRBC, USAES, USARS
 - Funding = FY13–17 / Budget = \$107M
 - UFR Qty = 83 / UFR \$ = \$77M
 - FUE = Dec 2014
 - Now Prepping MS-C / TC-LP / FRP Decision Package
- Vibratory Plate Compactor
 - AAO = 484 / Fully Funded
 - Gaining = Horiz, Vert, ESC
 - Funding = FY12 / Budget = \$2.89M
 - FUE = Nov 2014
 - Now Prepping MS-C / TC-LP / FRP Decision Package
- Route Remediation Systems
 - Vegetation Removal Tool On Contract
 - Machine Powered Moving System 88/FY11–14/\$13.8M
 - Portable Concrete Mixer 128 / FY12–15 / \$16.2M
 - Self Propelled Concrete Saw 74 / FY14–16 / \$7.1M
 - Portable Asphalt Patcher 23 / FY15–17 / \$5.9M
 - Wide Area Mower 88 / FY15–16 / \$1.2M
 - Dust Palliative Dispenser 88 / FY16–17 / \$8.6M



QUESTIONS?

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