

High Mobility Engineer Excavator (HMEE) I and III

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides the Army with earthmoving vehicles that support self-deployability, mobility, and speed to keep pace with the Brigade Combat Teams (BCTs) within the future engineer force.

DESCRIPTION

The High Mobility Engineer Excavator Type I (HMEE-I) is a non-developmental, military-unique vehicle that will be fielded to the Army's BCTs and other selected engineer units. The HMEE-I can travel up to 60 miles per hour on primary roads and up to 25 miles per hour on secondary roads. The high mobility of the HMEE-I provides earthmoving machines capable of maintaining pace with the Army's current combat systems. All HMEE-Is will be capable of accepting armor, are C-130 transportable, and diesel driven. HMEE-I will meet all Operational Requirements Document requirements and replaces Small Emplacement Excavators (SEEs) in BCTs and IHMEEs in Stryker BCTs.

The HMEE-III is a commercial-based backhoe loader with military modifications that is intended for units that are relatively stationary and do not require the speed and rapid deployability of the HMEE-I. Its maximum speed is 25 miles per hour on improved roads, and seven miles per hour off-road. The HMEE-III is used by Combat Support Brigades in support of the Air/Ground Lines of Communication (A/G LOC) force. Tasks performed by the HMEE-III include repair and improvement of roads, trails, bridges, and airfields.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- All ballistics and vehicle performance testing completed
- **FY09:** Type classification—standard and full material release granted

PROJECTED ACTIVITIES

- Fielding is ongoing

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support



High Mobility Engineer Excavator (HMEE) I and III

FOREIGN MILITARY SALES

HMEE-I

New Zealand

CONTRACTORS

OEM:

JCB Inc. (Pooler, GA)

Armor:

ADSI (Hicksville, NY)

Logistics:

XMCO (Warren, MI)

