

FAMILY OF CONSTRUCTION EQUIPMENT

DESCRIPTION

The Marine Corps Family of Construction Equipment encompasses a wide variety of construction equipment, ranging from heavy earthmoving to small excavation vehicles. It includes the D7G bulldozer (with ripper and winch), the Scraper 621B wheeled hydraulic excavator, the small 1155 bucket loader, the 1150 angle-blade bulldozer, the road grader 130G, runway sweepers, backhoe loaders, and engineer equipment trailers and 260 CFM compressors.

OPERATIONAL IMPACT

The Family of Construction Equipment provides the MAGTF with the ability to conduct mobility, survivability,

and general and civil engineering tasks in support of operating forces. Examples include building airfields, emplacing pads for vertical/short take-off and landing aircraft, clearing landing zones, creating fuel berms, and general construction.

PROGRAM STATUS

The Family of Construction Equipment program maintains the Marine Corps' construction capability. As such, various items are replaced as determined appropriate by the life cycle manager, Program Manager Engineer Systems. Specific items may be managed as acquisition or abbreviated acquisition programs. However there are several in progress at any point in time.

PROCUREMENT PROFILE:

Quantity:

FY 04

Various

FY 05

Various

DEVELOPER/MANUFACTURER

D7G bulldozer, motorized road grader scraper, wheeled tractor, backhoe loader:

Caterpillar Defense & Federal Products, Mossville, IL

Ultimate Building Machine: MIC Industries, Elton, PA

Welder: Power Manufacturing, Inc., Plymouth, MN

Sweeper: Elgin Sweeper Company, Elgin, IL

260 CFM compressor: Ingersoll-Rand Company, Monksville, NC

Wheeled hydraulic excavator: Badger Equipment Company, Winona, MN

Vibratory roller/compactor: Caterpillar Paving Products, Champlin, MN

Laserplane leveling system: Spectra Precision, Dayton, OH