GLADIATOR TACTICAL UNMANNED GROUND VEHICLE

DESCRIPTION

The Gladiator Tactical Unmanned Ground Vehicle (TUGV) will provide Marine Corps forces with an unmanned, tele-operated, semi-autonomous ground vehicle that is able to perform remote combat tasks and neutralize threats in a way that reduces the risk to Marine lives. The Gladiator is designed principally to support dismounted infantry during the performance of their mission, across the spectrum of conflict and range of military operations. The primary function of the Gladiator will be to provide the Ground Combat Element with unmanned scouting and reconnaissance, surveillance, and target acquisition.

The Gladiator system will utilize a modular configuration and will be capable of employing the Anti-Personnel/Obstacle Breaching System (APOBS), Light Vehicle Obscurant Smoke System (LVOSS), Joint Chemical Agent Detection (JCAD), and direct fire weapons.

OPERATIONAL IMPACT

Operating forward of GCE units, the Gladiator will perform scouting and reconnaissance tasks while permitting the operator to remain covered and concealed some distance away (one to four kilometers), thereby reducing the exposure of individual Marines to enemy action.

PROGRAM STATUS

Milestone B projected in May 2004.

PROCUREMENT PROFILE

The system is programmed for production beginning in FY 2006.

DEVELOPER/MANUFACTURER

Current FNC prime contractors:
Lockheed-Martin, Dallas, TX
SAIC, Denver, CO
General Dynamics Robotic Systems, Westminster, MD
Carnegie-Mellon University, Pittsburgh, PA