

From: Eric Davidson

To: Behnam Ghaffari

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Subject: FCC File No. 0059-EX-ML-2009

Message:

Government Contract: Yes

Contract Number: W31P4Q-08-C-A123

Agency: DoD

Foreign Government Use: No

Research Project: No

Program Description

Multiple variants of HELLFIRE, TOW, and Maverick missiles are currently utilized by Joint service helicopters and fixed wing aircraft against similar target classes. Most of the HELLFIRE, TOW, and Maverick missiles currently in inventory are aging and are experiencing reliability, shelf life, and recapitalization issues. Current HELLFIRE and TOW missiles also lack the strike range capability for Standoff Outside Point Defense. Joint fighter/attack aircraft employ a number of weapons to attack fixed targets but have limited weapon options for attack of moving targets. These shortfalls cumulatively created the need for development of one or more follow-on or replacement missile system programs. Additionally, experience has demonstrated that the total life-cycle cost for such a capability could be significantly reduced by combination and integration of joint requirements into a single missile system. Consequently, the needs for a single missile system that addresses current shortfalls and satisfies Joint service requirements were identified. The requirements for this single missile system are captured in MIS-PRF-54639 and the missile system has been defined as the Joint Air to Ground Missile (JAGM) System. The JAGM provides enhanced capabilities beyond current systems. Per MIS-PRF-54639, the JAGM provides both fire and forget (FF) and precision point targeting (PPT) operational modes for lock-on before launch (LOBL) and lock-on after launch (LOAL) engagements in clear and adverse weather.