

## **Joint Light Tactical Vehicle**

The Joint Light Tactical Vehicle (JLTV) team is presented the David Packard Excellence in Acquisition Award for its cost-saving efforts in restoring the mobility, payload-carrying capacity, rotary-wing transportability, and overall safety of Army and Marine Corps light tactical vehicles. By incorporating investment planning in the Technology Demonstration phase to derive an affordability cap based on what the Services could afford while considering the entire Tactical Wheeled Vehicle fleet needs, the Average Unit Manufacturing Costs and Average Procurement Unit Costs targets were established and fully embraced by both program and combat development partners and codified in the Milestone B Acquisition Decision Memorandum. By exercising a rigorous and innovative Requirements Management and Analysis Plan process to scrutinize every requirements change proposal and better understand the trade-offs, the JLTV team reduced the Average Unit Manufacturing Cost from over \$600K to under \$250K, thereby saving the Services over \$19B in planned procurement funding without sacrificing capability. In addition, by implementing a very detailed and thorough Should Cost based management approach, the team was able to conclude the remaining Technology Demonstration phase activities \$3.7M under budget without degradation in effective competition. Finally, by revising the cost plus contracting strategy to firm-fixed price, based on moving from a traditional developmental to a COTS based strategy, and reducing vendor risk by providing stable and prioritized requirements up-front and authorizing trade between these requirements to maximize functionality within the cost targets, the team was able to reduce the Engineering, Manufacturing and Development (EMD) schedule from 48 to 33 months. This lowered development costs by over \$107M. Through these initiatives, the team received full funding certification and award of three competitive prototyping contracts for EMD phase that is on pace to deliver dominating capabilities to our warfighters.