



MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

Armored Reconnaissance Vehicle (ARV)

Notional Acquisition Strategy

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The ARV program will leverage the output of the ONR S&T program including the technology demonstration effort, Whole System Trade Study, and Industry IR&D

- ▲ **Acquisition Strategy will be informed by:**
 - Results of technology demonstration and trade study efforts
 - Requirements generation
 - Programmed funding
 - Higher headquarters' direction



- ▲ Program enters the acquisition lifecycle at Milestone (MS) B
- ▲ Production quantity is estimated at 500 vehicles for purposes of developing cost and schedule estimates
- ▲ All technologies proposed for EMD will be high Technology Readiness Level (TRL) to support integration and testing
- ▲ Contractors will not require an extended ramp up for development and building of EMD vehicles
- ▲ Expected to be an ACAT IC program with an estimated Initial Operational Capability (IOC) 4QFY27
- ▲ Focused on providing a "base vehicle" capable of meeting evolving threats via open systems architecture and sufficient Size, Weight, & Power (SWAP) to accommodate future growth



▲ Request for Information (RFI):

- Survey potential interest based on acquisition strategy, schedule, etc.
- Soliciting questions on acquisition strategy

▲ Industry Day:

- In person brief on acquisition strategy to determine industry interest in ARV and respond to questions
- Refinement of acquisition strategy and soliciting questions

▲ RFP Generation and Release:

- Leveraging information from RFIs, Industry Days, and draft RFP postings

▲ Key Events

- 1st RFI 4QFY18
- 1st Industry Day 2QFY19
- 2nd RFI 1QFY20
- 2nd Industry Day 3QFY20
- 3rd Industry Day 1QFY21
- RFP release 3QFY21



- ▲ **Upon MS B decision to proceed into EMD:**
 - Source selection will be executed
 - Award of two or more development contracts with production options
- ▲ **Each selected contractor will develop ten vehicles for testing**
 - Eight for Performance, Reliability, and Operational Assessment
 - Two for destructive Live Fire Assessment

- ▲ **Key Events**
 - MS B 4QFY21
 - EMD Contract Award 3QFY22
 - Vehicle delivery complete 4QFY23
 - Testing/OA complete 3QFY25



- ▲ **Down-select to single contractor at MS C after testing and operation assessments**
- ▲ **Low Rate Initial Production (LRIP) #1 producing 25 vehicles**
 - Supporting Production Verification Testing, Live Fire, Initial Operational Test & Evaluation, Initial Operational Capability (IOC) fielding
- ▲ **LRIP #2 procuring another 25 vehicles to fill out IOC fielding**
- ▲ **Decision to continue into Full Rate Production (FRP) dependent on test results/reports**
- ▲ **Overall production quantity estimated at 500 vehicles including LRIPs**
- ▲ **Key Events**
 - Down select / MS C 4QFY25
 - LRIP begins 1QFY26
 - IOC 4QFY27
 - FRP begins 1QFY28
 - Full Operational Capability (FOC) 3QFY32



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Take Aways

- ▲ ***ARV requires Industry IR&D investment and engagement from today forward***
- ▲ ***Be ready to respond to RFIs and participate in Industry Days***
- ▲ ***Provide comments on draft RFP***
- ▲ ***Be ready for EMD phase execution***

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