



PM Force Projection



Mr. Kyle Bruner
Project Manager

PM Force Projection Portfolio



BRIDGING



Tactical Bridging



Support Bridging



ENGINEER, MAINTENANCE AND SUPPORT EQUIPMENT



Blade



Bucket



Diving, Boat, and Motors



Ordnance



Lift



PETROLEUM AND WATER SYSTEMS



Fuel Systems



Water Systems



ROBOT LOGISTICS SUPPORT CENTER



Non-Standard



Program of Record



TEST, MEASUREMENT & DIAGNOSTIC EQUIPMENT



At Platform Automatic Test Systems



Test Equipment Modernization



Calibration Sets



Off Platform Automatic Test Systems



ROBOTIC AND AUTONOMOUS SYSTEMS



Autonomous Transport Vehicle - System



Unmanned Ground Vehicle Systems



Robotic and Autonomous Systems



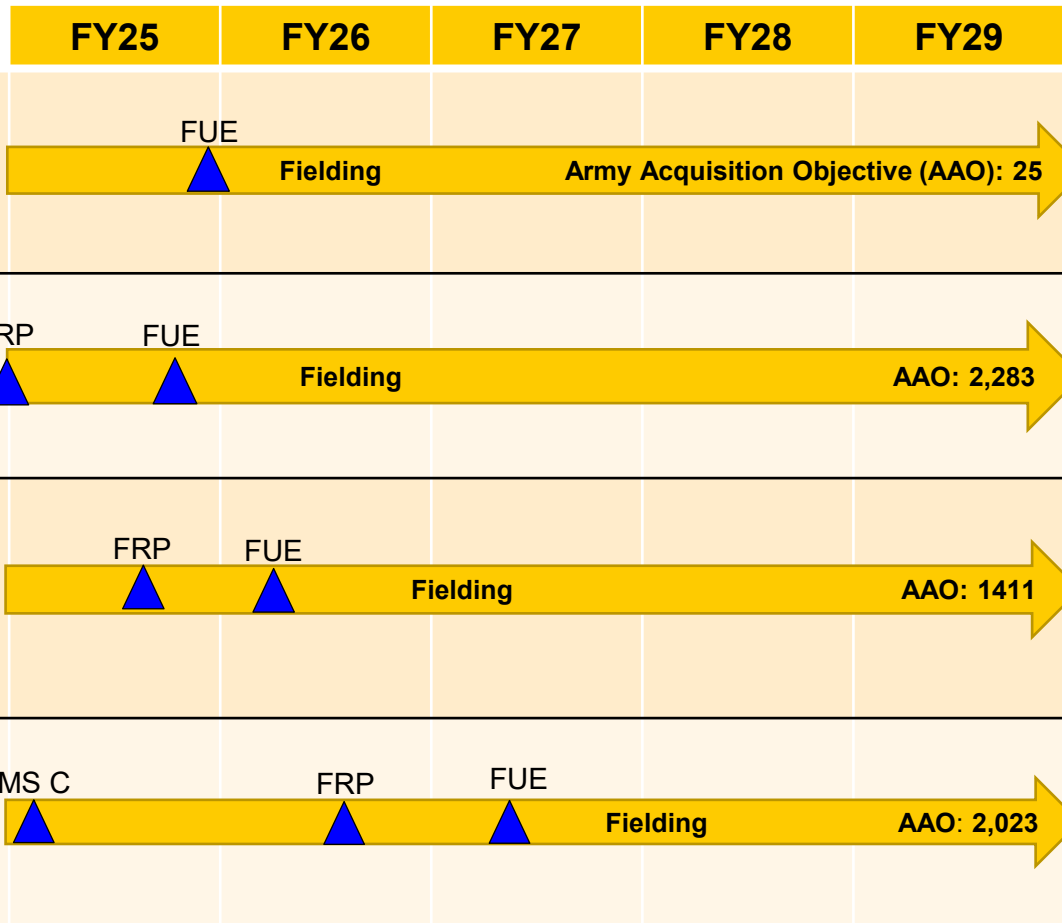
Autonomous Transport Vehicle System (ATV-S) - Competitive Rapid Prototyping entered Phase 2 (USG Testing and Operational Demonstration)

- The ATV-S capability is a suite of robotic applique sensors, controllers and autonomy software that provide manned and unmanned teaming capability for convoy operations.
- ATV-S provides increased force protection and increased logistics throughput for convoy missions. ATV-S equipped Palletized Load System (PLS) Tactical Wheeled Vehicles (TWVs) will allow a single Soldier to lead a convoy of four wirelessly linked unmanned PLS TWVs reducing Soldier exposure to hostile threats while increasing transportation throughput.
- The Army's priority is initially outfitting PLS A2 variants in Composite Truck Companies. We expect to expand capability across the heavy fleet as CTT comes online and expands.

Petroleum Systems – Programs of Interest



PETROLEUM SYSTEMS



Sustainment opportunities as production and fielding expands for petroleum and water systems






ACRONYMS:

AFCTK: Aviation Fuels Contamination Test Kit
FRP: Full Rate Production
FUE: First Unit Equipped
MS-C: Milestone C





Water Systems – Programs of Interest

	FY25	FY26	FY27	FY28	FY29	
 <p>Hippo 2,000-gallon water transport, storage, and distribution system. <i>Replaces: FAWPSS & SMFT.</i></p>	FRP ▲	FUE ▲	Fielding		AAO: 3,100	
 <p>100k Water Storage Distribution System (WSDS) Provides storage, receiving and distribution of potable water to remote areas. <i>Replaces: 40k WSDS.</i></p>	FRP ▲	FUE ▲	Fielding		AAO: 114	
 <p>Water Bison 500-gallon water distribution trailer. <i>Replaces: Water Buffalo.</i></p>		FRP ▲	FUE ▲	Fielding		AAO: 10,280
 <p>3k Tactical Water Purification System (TWPS) 3,000 GPH reverse osmosis water purification system. <i>Replaces: 3k ROWPU.</i></p>	MS C ▲		FRP ▲	FUE ▲	AAO: 190	
 <p>Chemical, Biological, Radiological, Nuclear (CBRN) Water Hauler 800-gallon water tank on MTV for decontamination operations. <i>Replaces: TPU. RFP Q2FY26</i></p>		RFP ■	MS C ▲	FRP ▲	FUE ▲	AAO: 398

Acronyms:





- FAWPSS:** Forward Area Water Point Supply System
- MTV:** Medium Tactical Vehicle
- ROWPU:** Reverse Osmosis Water Purification Unit
- SMFT:** Semi-Trailer Mounted Fabric Tank
- TPU:** Tank & Pump Unit

CBRN Water Hauler Request for Proposal Q2FY26



PM FP Other Programs of Interest



	FY25	FY26	FY27	FY28	FY29
 <p>Next Generation Shop Equipment Contact Maintenance (SECM) Enclosure for maintainers that conduct field level maintenance on <i>HMMWV/JLTV</i></p>			Fielding		AAO: 3,797
<p>Maintenance Support Device (MSD) Army standard, Soldier portable, at-platform fault isolation, diagnosis and troubleshooting</p>	RFP	Follow-on Award	Fielding		AAO: 36,522
<p>Next Generation Automatic Test System (NGATS) Army off-platform automatic test system, fault isolation, NEOF screening/troubleshooting</p>	RFP	Follow-on Award	Fielding		AAO: 158
 <p>Autonomous Transport Vehicle – System (ATV-S) Applique kit enabling autonomous driving behaviors on “by-wire” equipped tactical wheeled vehicles</p>		Decision Point	Middle Tier Acq – Rapid Prototype Outcome Determination	Fielding	First Unit Issued
 <p>Hydraulic Excavator (HYEX) Excavator for Combat Engineer to perform precision excavation. Prime Movers: LET/40T Trailer</p>			MS C		FRP AAO : 485
 <p>Joint Assault Bridge (JAB) M1A1 Based Chassis with Bridge Launch Mechanism for Heavy Assault Scissor Bridge. <i>RFP 3QFY25</i></p>	RFP	Follow-on Award	Fielding		AAO: 297

Requests for Proposal - JAB 3QFY25, NGATS 4QFY25

Potential Requirements and Key Takeaways

PED CS&CSS



Potential Requirements:

- Single Axle lightweight platform with electrical assist with 500lb+ capacity. Allows leaders at platoon-level to reduce Soldier load.
- Mobile truck mounted, rapidly emplaced and modular tactical bridge system organic to Multi-Role Bridge Company
- Autonomous wet gap rafting capabilities
- Replacement for the Common Bridge Transporter (CBT)

Key Challenges/Takeaways

- RFPs for JAB, NGATS follow-on production. CBRN Water Hauler new production
- Petroleum and Water programs continue production and sustainment ramp-up
- Part obsolescence and supply chain risk management impacts readiness
- Fighting to keep price in check – our goal is to maximize the use of commercial systems/components/configurations for mutual defense and industry benefit
- The use of Industry R&D can reduce the time to deliver capability

PM FP Contact Information



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Questions

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BRIDGING



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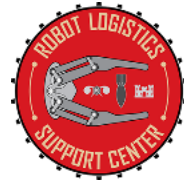
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