



NEST 25-02 Statements of Need

Requirement	Title	Anticipated Funding	Customer
AGA-25-02-001	5-Inch High Energy Propelling Charge	\$12,000,000	NSWC-IHD
CUXS-25-02-001	Subterranean (SbT) sUAS NEST System	\$2,100,000	IWTSD
ENRM-25-02-001	Prototype BTTN continuous flow downstream neutralization and solvent-swap processing system	\$1,200,000	NSWC-IHD
ENRM-25-02-002	Prototype Energetics Manufacturing Processes for Critical Chemicals	\$1,000,000	NSWC-IHD
ENRM-25-02-003	AI/ML Modeling for Prototype Energetics Manufacturing Processes for Critical Chemicals	TBD	NSWC-IHD
ENRM-25-02-005	Industrial Base Technologies for Manufacturing Resiliency	\$8,000,000	DEVCOM
ENRM-25-02-006	Advanced Technologies for Energetic Byproduct Remediation in Industrial Base Manufacturing	\$10,000,000	DEVCOM
ENRS-25-02-001	Manufacturing support and design validation of prototype weapon components	TBD	NSWC-IHD
ENRS-25-02-002	C-17 FEDS PANEL PROTOTYPING	\$1,000,000	NSWC-IHD
ENRS-25-02-004	Unmanned System (UXS) Rapid Experimentation and Prototype Development	\$25,000,000	NSWC-IHD
OTH-25-02-002	Barium Chemical Release Canisters (BCRC) for Space-based Plasma Physics Experimentation Prototype	\$85,000,000	NAVY
PHST-25-02-001	MK 129 Rocket Motor Assembly Shipping Container and Pallet	\$1,700,000	NSWC-IHD
PHST-25-02-002	Shipboard 6000 LBS. Capacity, Diesel, DS Safety Rated, Sit-Down, Counterbalanced, Forklift Truck	\$4,000,000	NAVSUP
PHST-25-02-003	Breacher Support Vehicle Package (BSV)	\$1,500,000	IWTSD
PHST-25-02-004	Subterranean Robotic Support System	\$5,000,000	IWTSD
PPS-25-02-001	21-Inch Propulsion Section Demonstration and Validation for STANDARD MISSILE	TBD	PEO IWS 3
PPS-25-02-002	MK 296 Replacement for Initiator 103377-46	\$525,000	NSWC-IHD
PPS-25-02-003	MK 129 Rocket Motor Components	\$7,000,000	NSWC-IHD
PPS-25-02-004	Precision in-Space Propulsion for Space-based Experimentation Prototype	\$45,000,000	NAVY
WHD-25-02-001	Reactive Material Prototype Design and Fabrication	\$25,000,000	NSWC-IHD