STATEMENT OF WORK

1. Objective/Requirements

This requirement is for the acquisition of the Steiger Dynamics Desktop PC for NASA Armstrong Flight Research Center (AFRC). The information listed below is required to complete this purchase.

2. Characteristics, Scope, and Specs

QTY	PART #	DESCRIPTION
8	SYS-CRE8-PRIME-MAX-ULT	CREATOR PRIME MAX Intel Core Ultra Desktop PC with the following configuration:
1	CHASSIS-FRACTAL-NORTHMESH-BLK	Case – Desktop: Fractal North | Black Mesh
1	GPU-GEFORCE-5090-32	Graphics Card: NVIDIA GeForce RTX 5090 32 GB GDDR7 1792 GB/s
1	CPU-INTEL-ULTRA-9-285K	CPU - Intel Core Ultra: Intel Core Ultra 9 285K - Cores: 24 (P: 8 / E: 16) | Clock Speed (Base/Turbo): 3.7 / 5.7 GHz |TDP (Base/Turbo) 125W / 250W | Arc Integrated Graphics
1	COOL-TAR-AIO-CUR-360-HEX120	Cooling – CPU: 360mm AIO CPU Liquid Cooling | 6x 120mm fans
1	FAN-AIRFLOW	Cooling - Fan Configuration: Airflow Fan Configuration
1	RAM-DDR5-0192-5600-4x48-UDIMM	Memory – UDIMM: 192GB (4x 48GB) 5600 DDR5 Dual-Channel
1	MB-ULT-ATX-W880-ASUSPROWSACESE-IPMI	Motherboard - Intel Core Ultra: ASUS PRO WS W880-ACE SE IPMI [REQUIRED FOR ECC MEMORY | DOES NOT HAVE WIFI] Remote Management: BMC AST2600 IPMI + Dedicated BMC LAN port + Dedicated BMC VGA port + ASUS Control Center Express PCIe Slots: 2x PCIe 5.0 16x [REQUIRED FOR DUAL GRAPHICS CARD] + 1x PCIe 4.0 x4

		USB: 1x Thunderbolt 4 40Gbps Type-C + 1x 20Gbps Type-C + 6x 10Gbps Type-A | Network: 2x 2.5Gb Intel Storage: 1x Gen5 M.2 + 3x Gen4 M.2 + 4x SATA + 1x SlimSAS | Display: 1x HDMI | Audio: 2x 3.5mm In/Out Jacks
1	DRIVER-GPU-PROFESSIONAL	Graphics Card – Drivers: Studio or Professional Drivers
1	SSD-CRU-T705-2TB	Storage - M.2 NVMe SSD: 2 TB Crucial T705 | PCIe Gen5
1	PSU-ATX-1700-TITAN	Power Supply: 1700 Watt | Titanium Efficiency - Cybernetics Certification: Titanium | 80Plus Certification: Platinum 100-240V Input Voltage | Fully-Modular | Semi-passive fan: silent in idle and low loads | Ultradurable US-compatible C19 power cord included
1	OS-NULL	Operating System: No operating system installed
1	WARRANTY-SD-4YR	Warranty and Support: 4-Year Warranty on Parts and Labor | Lifetime Technical Support

3. Place of Performance

NASA Armstrong Flight Research Center (AFRC)
4800 Lilly Ave.
Edwards, CA 93523

4. Period of Performance

30 days ARO