Statement of Need

Specification- Document | Salient Characteristics | Brand name or Equal

Make It FDM/FFF

Objective – The point defense Battle lab has been tasked to create a maker space to produce tier 1-3 sUAS FY2026. The PDBL seeks a large capacity FDM/FFF printer

Place of Delivery – Building 42, McConnell AFB

Electrical/Power Requirements – 120V

<u>Product Requirements</u>

Brand Name or Equal Salient Characteristics:

Line Item 1: Fused Deposition Modeling System

1. 2x4 ft printing capacity
2. Operates on standard facility power
3. Process high strength composite materials
4. Protects filament damage
5. Automatic bed leveling
6. Extruder that heats up to 842F
7. Printer PA6GF, PA6CF, and all standard filaments