

**Link 16 MIDS Power Supplies
Requirements Document
For
704th Test Group/586th Test Squadron**

7 March 2023

1.0 PURPOSE

The 704th Test Group (704 TG) mission is to be the premier provider of unique test and evaluation capabilities relevant to tomorrow's warfighter, through world-class people improving technical excellence, cost-effectiveness, and agility. The 586 Flight Test Squadron (586 FLTS) is assigned to the 704 TG and is the single Air Force Test Center (AFTC) squadron flying manned aircraft, devoted to evaluation and prototyping of emergent technologies.

The 586 FLTS mission is to conduct and enable agile weapons, avionics and survivability testing for joint warfighter. The 586 FLTS accelerates prototype and experimentation evaluations to obtain early operational inputs to speed delivery of new technology to operational users as quickly as possible. The 586 FLTS requires the purchase of two (2) L3Harris Link 16 compatible, 19-inch rack mountable, MIDS power supplies.

2.0 SCOPE

The Contractor shall deliver the equipment and meet the following requirements:

Required Equipment	Description
L3Harris Link 16 MIDS power supply	<ul style="list-style-type: none">• Provides 280 VDC differential (+/- 140) to power a single MIDS-LVT(1) terminal• Capable to directly connect to Remote Power Supply PP-8476/U, P/N: VA-016308, NSN: 6130-01-491-1538• Includes all cables• 19-inch rack-mount configuration (1U desired)• Weight < 40lbs• Accepts input power range of 90 to 132 VAC, 47 to 63 Hz

3.0 MILESTONES

The contractor shall deliver two (2) units with supporting documentation and certifications no later than 215 days ARO.

4.0 DELIVERABLES

The contractor shall deliver all hardware and documentation to 704 TSS/XPL, Attn: (David Hoey) at 1644 Vandergrift road, building 1260, Holloman Air Force Base, New Mexico 88330.