

PURCHASE DESCRIPTION

FOR

ARGON TANK

January 24, 2023

Dallin Krebs

809 MXSS/MXDTAD

1.0 DESCRIPTION OF REQUIREMENTS

The RAPID Innovation Center at Hill AFB, UT has a need for an argon supply tank. The argon supply will be used for metal additive manufacturing in the RAPID Innovation Center.

2.0 TECHNICAL SPECIFICATIONS

The argon tank must meet the following technical specifications:

- Minimum 2,500 liter net capacity
- Compliant with ASME design specifications
- No greater than 70 in. in diameter and 140 in. tall
- Capable of providing minimum flow rate of 6 m³/h
- Must be able to supply argon to 3D printers at a pressure of 5 - 5.5 bar.

3.0 REQUIRED ACCESSORIES

The following accessories shall also be included:

- Telemetry System
 - Provide current status to user
 - Facilitate automatic supply management
- Pressure Regulation System
 - Adjustable output pressure to match 3D printer specifications

4.0 WARRANTY/MAINTENANCE

The contractor shall provide:

- One (1) year warranty which warrants all products provided under this contract, under normal use, free from defects in materials and workmanship and that system will perform its design function for a period of no less than one (1) year. Warranty period to start from date of final acceptance. Any defects in materials or workmanship or failure of any product or component to perform its designed function during the warranty period shall be fixed by the contractor at no additional cost to the Government.

5.0 DELIVERY ADDRESS

Physical Address:

ATTN: Dallin Krebs
5925 Southgate Ave.
Bldg. 205, Room 2
HILL AFB, UT 84056