Technical Specifications
Metal 3D Printer System
DLA Product Test Center, Mechanical Lab, VTM

1. Title – Metal 3D Printer

Requiring Activity: DLA Product Test Center Division, Mechanical Lab, located at Columbus, Ohio. Contracting Activity: DLA Contracting Services located in Columbus, Ohio.

2. Introduction

The Mechanical Product Test Center (MPTC) is looking to acquire a new Metal 3D Printer system. The new system expands the lab's capabilities to produce fixtures for testing.

3. Background

The MPTC frequently receives test exhibits that require custom fixtures to complete the required testing. Producing fixtures using the current equipment is limited by the labor required for traditional subtractive machining and by the relatively low strength of the existing polymer 3D printer. The Metal 3D Printer system will allow the production of high strength test fixtures.

4. Scope

The contractor is responsible for the shipment, delivery and setup of the new Metal 3D Printer system. The contractor shall conduct training at the place of performance listed below.

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5. Performance Requirements and deliverables

I. The contractor shall provide all labor, tools, transportation, supplies, supervision, etc. (except as noted), necessary to provide one (1) Metal 3D Printer System to the Defense Supply Center Columbus (DSCC), DLA Weapons Support (Columbus), Mechanical Product Test Center, Columbus, Ohio. The inspection system shall meet the following criteria:

A. Metal 3D Printer System with the following criteria:

1. Shall be new, not refurbished.
2. It shall be supplied with an Operators Manual.
3. Build volume of at least 150 x 150 x 250 mm.
4. Laser 500 W minimum.
5. Cartridge powder handling system for printing, cleaning, and sieving, including lift truck for cartridge handling.
6. Utilize Laser Powder Bed Fusion technology.
7. Capable of using the power hookups provided in the location of installation. 220-240 V / 50-60 Hz.
8. Cartridge based unit for unpacking and sieving of parts. Contained cartridge system will permit use in standard industrial space without specialized shop environment air filtration. Utilize ultrasonic inert sieving technology.
9. The system and computer provided must be fully operational without access to the internet and not utilize any cloud-based software and come with a permanent license for said software.
10. Automatic sieving station for collection of powder
11. 18x 8kg containers of 316L Stainless Steel powder
12. Vacuum with HEPA filter and tool kit
13. Leveling Aid Build Plate, Starter package for 316L

B. Three (3) days of on-site training for four (4) participants must also be provided for the system listed in Criteria 5.I.A.

1. Training shall be conducted after installation and set-up.
2. Scheduling of training shall be agreed upon by contractor and Government Technical Representative.
3. Training shall be conducted no later than 30 days after installation.
4. Four (4) participants shall be trained concurrently during the three (3) day training period.

C. A 3-year preventative maintenance service and calibration contract, including any consumables, shall be furnished after system installation.

D. The contractor will be responsible for on-site installation and initial start-up, including powering on, running diagnostics and verification, and demonstrating the system's capability to meet the inspections lists in Criteria A.

E. The cost of delivery must be included.

F. Delivery of items listed in 5.I.A must be completed within 120 days of the contract award date.

G. Contractor shall contact Jeff Fleeger or Robert Welch to schedule delivery and installation.

6. Warranty

The contractor shall furnish a 12-month warranty or the standard OEM commercial warranty; whichever is greater on all parts and labor.

7. Period of Performance

The period of performance shall be within 120 days of award.

8. Work Schedule

Installation, setup and training shall be performed between 7:00 a.m. and 4:00 p.m., Monday through Friday. No work shall be performed during the weekend or federal holidays. Government will not be paying overtime to the contractor. Work hours are subject to change after award per customer request.

9. Recognized Holidays

The following are recognized US holidays. The contractor shall not perform services on these days.

Dates	**Holidays**
January 1	New Year's Day
Third Monday in January	Birthday of Martin Luther King, Jr.
Third Monday in February	Washington's Birthday
Last Monday in May	Memorial Day
June 19th	Juneteenth
July 3rd, 2026 (observed)	Independence Day
First Monday in September	Labor Day
Second Monday in October	Columbus Day

November 11th	Veteran's Day
Fourth Thursday in November	Thanksgiving Day
December 25th	Christmas Day

10. Security Requirements

Contractor and all associated sub-contractor's employees shall comply with applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by Security Office. Contractor workforce shall comply with all personal identity verification requirements as directed by DOD, HQDA, and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes.

11. Applicable Directives

None.

12. Deliverables

- Metal 3D Printer System and required supporting hardware/software
- Installation and setup
- Training Session for 3 days for 4 PTC associates

13. Place of Performance

Delivery shall be to:

Defense Supply Center Columbus (DSCC)
300 North James Road, Bldg 17-3
Mark For: DLA Product Test Center, Building 9-2 (VTM Lab)
Attn: Jeff Fleeger or Robert Welch
Columbus, Ohio 43218-3990

Training shall be conducted at:

DLA Weapons Support (Columbus) Product Test Center,

3990 E. Broad St., Columbus OH, Building 9, Section 2

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14. Travel (if applicable)

The contractor is responsible for shipping to delivery address described in Place of Performance section. The contractor is responsible for travel to/from training location described in Place of Performance.

15. Invoicing

Payment of invoices will be accomplished by payment through the Defense Finance and Accounting Service. Invoices will be submitted to the Wide Area Workflow (WAWF) system in accordance with DFARS 252.232-7003 Electronics Submission of Payment Requests and Receiving Reports and DFARS 252.232-7006 Wide Area Workflow Payment Instructions within 10 workdays after the conclusion of the service.

16. WAWF Acceptance DoDAAC

SL0702

17. Contractor Manpower Reporting

The contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Defense Logistics Agency via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address: http://www.sam.gov/. Reporting input will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk at: http://www.sam.gov/.

18. Common Access Card (CAC): Common Access Card (CAC) Not Required

Prior to gaining access to any DLA facility, contractor personnel must be vetted through the local security office. Due to DoD security requirements, foreign nationals and illegal aliens will not be permitted access to any DLA facility. Individuals with outstanding warrants or certain convictions also will be denied access. Contractor personnel must ensure they have the appropriate identification required to access DLA facilities. Contractor personnel entering a DLA facility should anticipate their vehicle will undergo a security check by DLA Security, and should ensure that no drugs, alcohol, or weapons of any kind are found within the vehicle. It is the contractor's responsibility to ensure the personnel performing under this contract can and will meet these requirements for accessing DLA facilities. Names of contractor personnel will be provided to the local POC for vetting purposes no less than one week prior to the service start date.

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19. Points of Contact

The Government Contracting Officer (KO):
Elizabeth Dickstein
DLA Contracting Services Office (DCSO) Columbus
elizabeth.dickstein@dla.mil
(614) 693-2954

The Government Contract Officer Representative (COR):

Kyle Palmer
DLA Weapons Support
(Columbus)
Engineering 3990 E. Broad St.,
Bldg 11, Section 7
Columbus, OH 43213

The Government Technical Representative/Project Manager:

Robert Welch
DLA Land and Maritime Product Test Center,
VTM Lab 3990 E. Broad St., Bldg 9, Section 2
Columbus, OH 43213