Technical Specifications
Pneumatic & Hydraulic Pressure Testers
DLA Product Test Center, Electronics Lab, VTP

1. Title – Radiographic Test System

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

2. Introduction

This is a description of the DLA Product Test Center Division, Electronics Lab, VTA, requirements for the procurement of Automated Pressure Switch Testing Equipment. It is the intent here to clearly define all required performance characteristics. In generating this statement, our objective is to end up with Pressure Switch Testing Equipment which replaces inaccurate, manually operated testing setups. This acquisition will improve our testing capabilities when testing pressure switches, in both accuracy and efficiency. Our general objective is to minimize any impact on the EPTC operations and our customers as a result of this procurement, especially with regards to test cycle time. This equipment will decrease time required to test pressure switches and remove any greatly increase the accuracy of test results compared to the current test equipment. This equipment will replace manual pressure calibrators and multimeters with newer and more technically advanced equipment.

3. Background

This equipment would increase EPTC's testing efficiency and accuracy, help improve testing turnaround time, and replace one manually operated pressure calibrator. Most importantly, procurement of this equipment will increase our current pressure testing accuracy. Not procuring this piece of equipment would leave the EPTC with less than ideal pressure testing equipment that relies on the operator's reflexes to record results, leaving extensive room for error.

4. Scope

Ship, install, and train EPTC personnel on automated pressure calibration/testing equipment for both hydraulic and pneumatic switches. The equipment will need to test hydraulic pressure ranges from 0 bar to 700 bar (0 to 10,000psi), and pneumatic pressures from -0.9 bar to 100 bar. The equipment will be capable of detecting and recording the electrical closing and opening of pressure switches as pressure is increased and decreased.

5. Performance Requirements and deliverables

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I. The contractor shall provide all labor, tools, transportation, supplies, supervision, etc. (except as noted), necessary to provide one (1) Pneumatic Pressure Test System and one (1) Hydraulic Pressure Test System to the Defense Supply Center Columbus (DSCC), DLA Land and Maritime Product Test Center, Columbus, Ohio. The test systems shall meet the following criteria:

A. One (1) Automated Pneumatic Pressure Test System with the following characteristics:

1. Capable of generating 0 to 1,500 psi.

2. Capable of testing pressure switches.

3. Shall have datalogging capability.

4. Capable of operating on standard 110v wall outlets, with a battery for remote or backup operation.

5. Shall have built-in controls for operation, such as a touchscreen, without the need for a separate computer to run test.

6. Shall have built-in pumps for pressure generation that are precisely controlled by the test system, and not manually pressurized by a hand or foot pump.

7. Shall include all software necessary to run automated pressure switch testing.

8. Shall be certified calibrated, and capable of being recertified calibrated regularly.

9. Shall have ¼ NPT female connector compatible.

B. One (1) Automated Hydraulic Pressure Test System with the following characteristics:

1. Capable of generating 0 to 15,000 psi with an accuracy of 0.01%.

2. Capable of testing pressure switches.

3. Shall have datalogging capability.

4. Capable of operating on standard 110v wall outlets, with a battery for remote or backup operation.

5. Shall have built-in controls for operation, such as a touchscreen, without the need for a separate computer to run test.

6. Shall have built-in pumps for pressure generation that are precisely controlled by the test system, and not manually pressurized by a hand or foot pump.

7. Shall include all software necessary to run automated pressure switch testing.

8. Shall be certified calibrated, and capable of being recertified calibrated regularly.

9. Shall be capable of operating with a sebacate oil media, and two liters of the oil shall be included.

10. Shall have ¼ NPT female connector compatible.

C. One (1) day of training on site for up to 3 participants must also be provided for the system listed in Criteria A and B.

D. A 1-year preventative maintenance service and calibration contract, including any consumables, that starts after the system is installed.

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

F. The cost of delivery must be included.

G. Delivery must be completed within 120 days of the contract award date.

H. Contractor shall contact Jeremiah jones (614-692-8955, Jeremiah.L.Jones@dla.mil) or Jacob Chevraux (614-312-8209, Jacob.Chevraux@dla.mil) 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

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Installation, setup and training shall be performed between 7:30 a.m. and 4:30 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 4th	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

- One (1) Automated Pneumatic Pressure Test System
- One (1) Automated Hydraulic Pressure Test System
- One (1) Day of Training for Pneumatic and Hydraulic Systems

- Initial set-up, calibration, functionality verification

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 11-7 (VTA Lab)
Attn: Jeremiah jones (614-692-8955, Jeremiah.L.Jones@dla.mil) or
Jacob Chevraux (614-312-8209, Jacob.Chevraux@dla.mil)
Columbus, Ohio 43218-3990

Set-up, Calibration and Training shall be conducted at:

DLA Land & Maritime Product Test Center, T Office

3990 E. Broad St., Columbus OH, Building 11, Section 7

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

SL0700

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.

19. Points of Contact

The Government Contracting Officer:

TBD

The Government Contract Officer Representative (COR):

Kyle Palmer
DLA Land and Maritime
Engineering 3990 E. Broad St.,
Bldg 11, Section 7
Columbus, OH 43218
Kyle.Palmer@dla.mil, Phone: 614-692-8860

The Government Technical Representative/Project Manager:

Jacob Chevraux
DLA Land and Maritime Product Test Center,
VT Lab 3990 E. Broad St., Bldg 11, Section 7
Columbus, OH 43213
jacob.chevraux@dla.mil, Phone: 614-312-8209