Department of Defense
Defense Health Agency
Performance Work Statement

Water Purification System

26 June 2026

MONCRIEF ARMY HEALTH CLINIC
DEPARTMENT OF PATHOLOGY
FORT JACKSON, SOUTH CAROLINA

1.0 GENERAL INFORMATION

1.1 **This is a non-personal services contract to provide** Water Purification System Services.

1.1.1 **Description of services/introduction:** The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services necessary to perform Portable Exchange Deionization (PEDI) water filtration system services as defined in this Performance Work Statement (PWS).

1.1.2 **Background:** The Department of Pathology requires high-purity deionized water for use in two clinical chemistry analyzers. This service ensures that reagents, testing, and analytical processes are supported by a continuous supply of water that meets precise quality specifications.

1.1.3 **Scope**: The contractor shall provide, install, and maintain all contractor-owned equipment, including but not limited to, PEDI tanks, filters, and other components necessary to interface with the Government-owned waterlines and existing infrastructure. The contractor is responsible for ensuring their system is fully compatible with the Government's chemistry analyzers. This contract includes all necessary parts, labor, preventative maintenance, emergency support, software updates, and training to ensure the complete, integrated system is fully operational and meets all performance standards outlined in this PWS. Upon award to a new vendor, any changes required to accommodate the new system shall be included in the initial installation price.

1.1.3.1 Required System Components: The contractor shall provide all necessary equipment and supplies to meet the performance standards of this PWS. This includes, but is not limited to, the following types of components which must be provided for the base year and each subsequent option year:

Category	**Component Description** (Or Equivalent)	**Annual Quantity**
xchange Tanks & Media	SDI Carbon 3.6CF FBGLS STD QSR	2
	SDI Mixed Bed DI 3.6CF FBGLS STD POT	8
Cartridge Filters	WATER PURIFICATION - CART 20" 5UM S	4
	CART 20" 0.2UM PLT CDF ABS PS1 SIL	4
UV Sanitization	UV, SLEEVE 22x25x353mm OPEN QUARTZ	1
	UV O-RING 4253	2
	UV, LAMP G10T5L/SLIMLINE	1
Ancillary Components	ALARM, SDI WTR LK DTCTR 120V NO/NC	1
	VALVE, SOL 2WAY 1" NO 120V BRS	1
	CORD, PWR THREE BLADE PL 14 GA;	1
	One-Time System Installation	1

Installation & Contingency	Contingency for Emergency Parts/Labor	1

1.1.4 **Period of Performance (PoP):** The period of performance shall be for one (1) Base Year and four (4) 12-month Option Years.

- Base Year: 01 October 2026 – 30 September 2027
- Option Year 1: 01 October 2027 – 30 September 2028
- Option Year 2: 01 October 2028 – 30 September 2029
- Option Year 3: 01 October 2029 – 30 September 2030
- Option Year 4: 01 October 2030 – 30 September 2031

1.2 **Administrative specifications**

1.2.1 Place of performance: The work shall be performed at Moncrief Army Health Clinic, 4500 8th Division Rd, Fort Jackson, SC 29207-5700.

1.2.2 Recognized Federal holidays: The contractor is not required to perform routine, on-site services on Federal holidays or when the Government facility is closed due to local or national emergencies, administrative closings, Presidential Executive Orders, or similar Government-directed facility closings.

1.2.3 Hours of operation: The contractor is responsible for conducting routine on-site business Monday thru Friday, between the hours of 8:00 A.M. and 5:00 P.M., except as outlined in Section 1.2.2. Additionally, the contractor shall provide 24-hour telephonic troubleshooting service and support.

1.3 **Contractor Identification & Security Requirements**

1.3.1 Physical Access and Check-in: The contractor representative shall report to the Front Desk of the Main Entrance at Moncrief Army Health Clinic prior to commencing all on-site services. Contractors shall check-in by providing a photo ID and retrieving a visitor's badge. Before exiting the building, the Contractor shall return to the Front Desk to turn in the visitor's badge and retrieve their photo ID.

1.3.2 General Security Compliance: The contractor workforce must comply with all personal identity verification requirements (in accordance with FAR clause 52.204-9) as directed by DOD, DHHQ, and/or local policy. This includes compliance with adjudication standards using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB), as well as any changes in security processes required due to changes in the Force Protection Condition (FPCON).

2.0 SPECIFIC TASKS

2.1 **Water Quality and System Performance**
The contractor shall ensure the integrated system consistently delivers water that meets the following specifications at the point of use:

2.1.1 Water Purity: Minimum resistivity of 1 MΩ · cm at 25°C (77°F).

2.1.2 Microbial Contamination: Maximum microbial contamination of < 1000 colony-forming units per ml (CFU/ml).

2.1.3 System Pressure: Pressure at the system control module shall be maintained between 15 psi to 90 psi (103.4 kPa to 620.5 kPa).

2.1.4 System Temperature: Temperature shall be maintained between 15°C (59° F) to 30°C (86°F).

2.2 **Maintenance and Repairs**

2.2.1 Routine and Preventative Maintenance (PM): The Contractor shall perform scheduled routine and preventative maintenance on all covered equipment in accordance with the Original Equipment Manufacturer (OEM) specifications and recommendations. PM visits shall be coordinated at least five (5) business days in advance with the Core Section Supervisor, Chief, Laboratory and/or the Contracting Officer's Representative (COR) to minimize disruption to operational capabilities. Preventative maintenance shall include, but is not limited to, system inspections, cleaning, calibrating, lubricating, adjusting, and replacing standard consumable parts as required to maintain the equipment in optimal, safe, and mission-ready working condition.

2.2.2 Emergency Service Response: In the event of an equipment malfunction requiring emergency on-site service, the contractor shall arrive on-site to commence repairs within 24 hours of receiving verbal notification from the COR or designated Department of Pathology personnel (e.g., Section Supervisor or duty technician). The 24-hour response clock begins immediately upon this verbal notification.

2.2.3 Telephonic Support: (See Section 1.2.3 for 24-hour telephonic support requirement).

2.2.4 Service Reporting: Upon completion of any maintenance or repair service, a written service report shall be provided to the Contracting Officer's Representative (COR), the Chief, Laboratory and the Core Lab supervisor. The service report shall be completely filled out and provide detailed information regarding the cause of any equipment malfunction and the specific corrective action taken by the technician. The report shall also include the time required to complete the work and a list of any major components that were replaced.

(Note: As this is a Firm-Fixed-Price action, the contractor is not required to provide individual pricing for labor or parts on the service report.)

3.0 Qualifications/Considerations

3.1 **Special Qualifications/Considerations:** The contractor shall be an Original Equipment Manufacturer (OEM) authorized dealer, authorized distributor, or authorized reseller for the proposed equipment/system such that OEM warranty and service are provided and maintained by the OEM. All software licensing, warranty, and service associated with the equipment/system shall be in accordance with the OEM terms and conditions. New parts must be certified and documented to meet OEM specifications on all manufacturers' mandatory modifications and recalls.

4.0 Performance Requirements Summary

Performance Objective	Performance Standard	Acceptable Quality Level (AQL)
Water Quality Standards (Task 2.1)	Maintain resistivity 1 MΩ·cm and microbial limit < 1000 CFU/ml.	100% compliance to prevent analyzer downtime or inaccurate diagnostic results.

Emergency Response Time (Task 2.2.1)	Arrive on-site within 24 hours of emergency notification.	95% on-time arrival rate for all emergency calls.
Service Reporting (Task 2.2.3)	Provide a written report to the Chief of the Lab after every service visit.	100% compliance; report provided before the technician departs the facility.
Tank Exchange Delivery (Task 2.1)	PEDI tanks exchanged prior to total depletion.	Zero occurrences of total system failure due to depleted DI tanks.