

STATEMENT OF WORK (SOW)

CURED-IN-PLACE PIPE (CIPP) LINING OF CONDENSATE DRAIN

Defense Logistics Agency (DLA) Installation Management @ Susquehanna
Building 750, New Cumberland, PA

1.0 Project Title and General Information

- **Project Title:** Rehabilitation of 4-Inch Steel Condensate Drain Line via Cured-In-Place Pipe (CIPP)
 - **Requesting Agency:** Defense Logistics Agency (DLA) Installation Management Susquehanna
 - **Location:** Building 765, New Cumberland, PA 17070-5076
 - **Primary Point of Contact (POC):** Jesse A. Wenrich, Maintenance Leader
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2.0 Background and Objective

The Defense Logistics Agency (DLA) at Susquehanna requires the rehabilitation of an existing 4-inch steel condensate drain line located at Building 765. Over time, condensate drain lines undergo internal corrosion, scale buildup, and structural degradation.

To restore structural integrity, prevent future leaks, and extend the service life of the pipeline without costly excavation, the government requires trenchless rehabilitation. The objective of this contract is to secure a qualified contractor to clean, prepare, and line approximately 170 linear feet (LF) of the existing 4-inch steel condensate pipe using a structural Cured-In-Place Pipe (CIPP) system.

3.0 Scope of Work

The Contractor shall furnish all professional labor, supervision, specialized equipment, materials, consumables, and transportation necessary to perform the trenchless rehabilitation of the designated 4-inch steel condensate drain.

Rehabilitation of approximately 170 linear feet of existing 4-inch steel condensate drain pipe using a structural, manufacturer-approved CIPP lining system.

4.0 Technical Requirements and Specific Tasks

The Contractor shall execute the project in strict accordance with the following sequence of tasks and industry standards (e.g., ASTM F1216 or ASTM F2019 for CIPP):

Task 1: Site Access and Pre-Construction Setup

- The Contractor shall access the existing 4-inch steel condensate line strictly through designated, available access points as approved by the Government POC.
- The Contractor shall coordinate the physical footprint of equipment, including a service trailer and truck, within the designated parking area.

Task 2: Pipeline Cleaning and Mechanical Preparation

- The Contractor shall thoroughly clean the interior of the existing 4-inch steel pipe to remove scale, rust, tuberculation, and any debris that could interfere with the adhesion or structural footprint of the liner.
- Cleaning shall be performed using appropriate mechanical cleaning equipment (e.g., mechanical cutters, high-speed chains, or hydro-jetting as approved).
- All debris extracted during the cleaning process must be managed and disposed of by the Contractor in accordance with local environmental regulations.

Task 3: CIPP Lining Material Supply and Installation

- **Liner Materials:** The Contractor shall supply 170 linear feet of 4-inch *Perma-Liner™ SCRIM* CIPP liner (or a Government-approved equivalent meeting or exceeding the technical specifications of high-strength, scrim-reinforced liners).
- **Resin System:** The liner shall be saturated (wet-out) with a manufacturer-approved resin system designed specifically for the thermal and chemical demands of a steam/condensate drain environment.
- **Inversion & Installation:** The saturated liner shall be inverted into place within the existing 4-inch steel pipe using the manufacturer's recommended installation and pressure procedures to ensure a tight, continuous, jointless fit against the host pipe wall.

Task 4: Curing and Processing

- The Contractor shall cure the resin-saturated liner in strict accordance with the liner manufacturer's technical specifications (utilizing steam, ambient, or hot water curing methods as appropriate for the selected resin system).
- The Contractor must monitor and document the curing temperature and duration to guarantee a complete chemical cross-linking and structural cure.

Task 5: Post-Installation Inspection (CCTV)

- Following the full cure of the liner, the Contractor shall perform a detailed post-installation Closed-Circuit Television (CCTV) inspection of the entire rehabilitated pipeline length.
- The CCTV inspection must verify that the liner is free of defects, dry spots, lifts, ridges, or structural anomalies, and that any required pipe connections or terminations are completely clear and functional.

Task 6: Cleanup and Demobilization

- Upon successful inspection, the Contractor shall clean and restore the work area, remove all equipment, waste materials, and demobilize from the facility.

5.0 Deliverables and Schedule

The Contractor shall submit the following deliverables to the Government POC:

Deliverable ID	Deliverable Description	Due Date / Frequency
DEL-01	Manufacturer Material Data Sheets & Resin Cure Specifications	5 business days prior to mobilization
DEL-02	Post-Installation CCTV Inspection Video (Digital Format)	Within 3 business days of curing completion
DEL-03	Final Inspection and Acceptance Sign-off	Upon completion of work

6.0 Government Furnished Property, Equipment, and Services (GFP/GFE/GFS)

The Government will provide the following resources to the Contractor at no cost to facilitate the execution of this contract:

1. **Water Access:** The Government will provide access to an on-site water source. A standard garden hose fitting connection is assumed and will be made available close to the workspace.
 2. **Staging and Parking:** The Government will provide dedicated parking and staging space suitable for a 25-foot trailer and support truck.
 3. **Permits:** All necessary facility work permits, internal clearance approvals, and street/access permits required within DLA Susquehanna boundaries will be coordinated and provided by the Government.
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7.0 Period and Place of Performance

- **Place of Performance:** Work shall be performed entirely on-site at Building 765, DLA Susquehanna, New Cumberland, PA.
 - **Period of Performance:** The work shall be completed within thirty (30) calendar days from the official Notice to Proceed (NTP), or as mutually agreed upon in the final contract schedule.
 - **Hours of Operation:** Standard working hours are Monday through Friday, 0700 to 1600 hours, excluding Federal holidays, unless otherwise approved by the Government POC.
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8.0 Quality Assurance and Acceptance

- **Inspection:** The Government's Maintenance Leader (or designated representative) will inspect the physical site, monitor operations, and review the post-installation CCTV video.
 - **Acceptance Criteria:** Final acceptance will be granted when:
 1. The 4-inch steel condensate pipe is successfully lined and cured without visible structural defects.
 2. The CCTV inspection video demonstrates a smooth, continuous, and fully cured pipe interior.
 3. All work areas are returned to their original cleanliness and order.
 - **Liability Note:** The Contractor is not responsible for external ground or system water discharging behind the liner during the curing process, provided the installation is performed in accordance with manufacturer guidelines.
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9.0 Safety and Environmental Requirements

- **Safety Compliance:** The Contractor shall comply with all local, state, federal, and OSHA safety regulations. This includes the proper handling of chemical resin components and hot-work or pressurized equipment operations.
 - **PPE:** Contractor personnel must wear appropriate Personal Protective Equipment (PPE) at all times while on-site.
 - **Spill Prevention:** The Contractor shall take necessary precautions to prevent any chemical or resin spills on government property.
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