

# Statement of Work

## VA Pittsburgh Healthcare System

### University Drive Medical Center

#### **Medical Air Compressor Replacement 2A130/7W139**

This is an urgent and compelling need for the Medical Center to replace two (2) medical air compressor systems at two (2) different locations within the University Drive Medical Center. These medical air systems have reached their life's expectancy and repair parts are obsolete or very hard to find for both these medical air systems.

There will be a need to install a 2-inch crossover pipe to interconnect both medical air systems from 2A130 and 7W139 to prevent any disruption of medical air while this work is being conducted to any medical Air System.

#### **2A130 Medical Air Compressor System**

- Demo to consist of removal of existing Medical Air compressors, storage tank, and dryers. All electrical power wiring and low voltage control wiring. Any associated piping.
- All existing housekeeping pads to be reused and modified as needed to support the installation of the new equipment.
- All demo of the existing medical air compressor system or any debris associated with the demo to be removed from the building and disposed of by the contractor.
- Demolition of the existing medical air system may need to be performed off hours and weekends.

#### **NEW EQUIPMENT SPECIFICATIONS**

- Freight, receiving, rigging, Installation, start up and verification/certification of new NFPA99 AMICO Tri-Plex 7.5 scroll

(Brand Name or Equal) medical air system. Premium HMI controller with BACnet. CO and dewpoint monitors. Dual desiccant dryers, filtration and regulation package. Installation of new medical air compressor system to be performed by Certified ASSE 6010 medical gas installers.

- The installation of this medical air system may need to be performed on off hours and weekends as needed.
- Piping connections to existing intake, exhaust and main piping. Existing source valve and main line switch to kept in service if needed. All final piping connections for the medical air compressor system and dryers and filtration package
- All electrical power wiring connections. BACnet wiring and setup and all low voltage wiring and alarms.
- Certification of the installation and testing all alarms before the system can be put into normal operation.

### **7W139 Medical Air Compressor System**

- Demo to consist of removal of existing Medical Air compressors, storage tank, and dryers. All electrical power wiring and low voltage control wiring. Any associated piping.
- All existing housekeeping pads to be reused and modified as needed to support the installation of the new equipment.
- All demo of the existing medical air compressor system or any debris associated with the demo to be removed from the building and disposed of by the contractor.
- Demolition of the existing medical air system may need to be performed off hours and weekends.

### **New Equipment Specifications**

- Freight, Receiving, Rigging, Installation, Startup and Verification/Certification of NFPA 99 Amico Triplex 20HP scroll

Medical Air System, Premium HMI controller with BACnet and CO and dew point monitors, Dual Desiccant Dryer, Filtration and Regulation Package. Installation of the new medical Air Compressor System to be performed by Certified ASSE 6010 medical Gas installers.

- The installation of this medical air system may need to be performed on off hours and weekends as needed.
- Piping connections to existing intake, exhaust and main piping. Existing source valve and main line switch to kept in service if needed. All final piping connections for the medical air compressor system and dryers and filtration package
- All electrical power wiring connections. BACnet wiring and setup and all low voltage wiring and alarms.
- Certification of the installation and testing all alarms before the system can be put into normal operation.