

**STATEMENT OF WORK  
MEDICAL GAS SYSTEM ANALYSIS  
FOR THE  
SOUTH TEXAS VETERANS HEALTH CARE SYSTEM**

**1. GENERAL**

- 1.1 General: This is a non-personal services contract to provide an analysis of the medical gas systems described herein. The Government shall not exercise any supervision or control over the service providers providing the services described herein.
- 1.2 Description of Services/Introduction: The Contractor shall provide all personnel, transportation, equipment, supplies, facilities, supervision, and other items and non-personal services necessary to perform the medical gas systems analysis as defined in this Statement of Work. The Contractor assumes all liability risks for work performed under this contract. The Contractor must assume total liability for all contract employees. The Contractor shall perform to the standards of the contract.
- 1.3 Physical Security: The Contractor shall be responsible for safeguarding all government equipment, information and property provided to Contractor personnel while performing the services described herein.
- 1.4 Period of Performance: Date of award through 30 September 2015
- 1.5 Type of Contract: The government will award a firm fixed-priced contract
- 1.6 Service Contract Act: The Service Contract Act applies to this contract. Current Service Contract Act Wage Determinations for the service areas will be attached to the contract. Employees performing under this contract must be paid at least the pay and fringe benefits described therein.
- 1.7 Contracting Officer Representative (COR): The COR will be identified by a separate letter. The COR monitors all technical aspects of the contract and assists in contract administration. A letter of designation issued to the COR, a copy of which will be provided to the Contractor, states the responsibilities and limitations of the COR, especially with regard to changes in cost or price, estimates or changes in delivery dates. The COR is not authorized to change any of the terms and conditions of the resulting order.
- a. Audie L Murphy VA Hospital, VA Dental Clinic, and Frank Tejada  
Name: Jason Rush  
Phone: 210-617-5300 ext. 19232  
Email: Jason.rush@va.gov
  - b. Kerrville VA Medical Center  
Name: Billy Steele  
Phone: 830-792-2559  
Email: Billy.Steele@va.gov
- 1.8 Contract Administration: The Contracting Officer is the only person authorized to approve changes or modify any of the requirements under this contract. The Contractor shall communicate with the Contracting Officer on all matters pertaining to contract administration. Only the Contracting Officer is authorized to make commitments or issue changes that will affect price, quantity or quality of performance of this contract. In the event the Contractor effects any such change at the direction of any person other than the Contracting Officer, the change shall be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in costs incurred as a result thereof. All

changes to the contract will be issued via an amendment and/or modification in writing from the Contracting Officer to the Contactor.

- 1.9 Invoices: Invoices are to be submitted electronically; monthly, in arrears of the start of the services performed each month. Electronic invoices can be submitted at no additional cost at the VA Vendor Information System (VIS) website <https://www.vis.fsc.va.gov/login.aspx?ReturnUrl=%2fDefault.aspx>, or at <http://www.tungsten-network.com/us/en/veterans-affairs/>. The COR is responsible for acceptance of services and/or the processing of receiving reports for the services provided to the government.

## **2. SCOPE OF WORK**

Contractor will provide a comprehensive medical gas testing program designed to assess and control the clinical and physical risk of the piped medical gas systems. This program must be designed to meet or exceed the National Fire Protection Agency (NFPA), Veterans Health Administration (VHA), Compressed Gas Association (CGA), The Joint Commission (TJC), American Society of Sanitary Engineering (ASSE), and United States Pharmacopeia Convention (USP/NF) standards, requirements, recommendations and/or regulations. This work is to be accomplished for the South Texas Veterans Health Care System, which includes:

- a. Audie L Murphy VA Hospital, San Antonio, TX
  - i. Main, Building 1
  - ii. Community Living Center
  - iii. Polytrauma
  - iv. Spinal Cord Injury Center
- b. Kerrville VA Medical Center, Kerrville, TX
  - i. Main, Building 11
  - ii. Community Living Center, Building 96
- c. VA Dental Clinic, San Antonio, TX
- d. Frank M. Tejada Outpatient Clinic, San Antonio, TX

## **3. TASK SPECIFICATIONS**

Contractor shall inspect, test, and provide documentation of the complete medical gas systems. The work shall include all equipment (pumps, manifolds, alarms, tanks, piping, valves, outlets, etc.) of the medical oxygen, medical air, medical/surgical/dental vacuum, nitrous oxide and nitrogen systems. Work will include testing of all alarm set points, master and zone alarm panels, manifolds and outlets, gas purity, equipment operation, and compliance with the current applicable NFPA and CGA standards.

### *Place of Performance:*

- a. Audie L Murphy VA Hospital, 7400 Merton Minter Blvd, San Antonio, TX 78229
- b. Kerrville VA Hospital, 3600 Memorial Blvd, Kerrville, TX 78028
- c. VA Dental Clinic, 8410 Data Point Dr., San Antonio, TX 78229
- d. Frank M. Tejada Out Patient Clinic, 5788 Eckhert Rd, San Antonio, TX 78240

- a. Audie L Murphy VA Hospital, San Antonio, TX
  - I. Main Hospital
    - i. Duplexed medical air system and all related equipment and outlets
    - ii. Duplexed dental air system and all related equipment and outlets
    - iii. Triplexed medical vacuum system and all related equipment and outlets
    - iv. Piped medical oxygen system and all related equipment and outlets
    - v. Duplexed nitrous oxide manifold system and all related equipment and outlets
    - vi. Duplexed nitrogen manifold system and all related equipment and outlets
    - iii. Two master alarm panels and approximately forty local alarm panels
    - iv. Approximately sixty zone valve boxes
  - II. Polytrauma Rehabilitation Center (PRC)
    - i. Duplexed medical air system and all related equipment and outlets
    - ii. Duplexed medical vacuum system and all related equipment and outlets
    - iii. Piped medical oxygen system and outlets (branch of hospitals central medical oxygen system)
    - iv. Four (4) local alarm panels
    - v. Four (4) zone valve boxes
  - III. Community Living Center (CLC)
    - i. Two local alarm panels
    - ii. Two zone valve boxes
    - iii. Piped medical oxygen system and all outlets (branch of hospitals central medical oxygen system)
    - iv. Duplexed dental air system and all related equipment and outlets
    - v. Duplexed dental vacuum system and all related equipment and outlets
  - IV. Spinal Cord Injury Center (SCI)
    - i. Two (2) local alarm panels
    - ii. Piped medical oxygen system and all outlets (branch of hospitals central medical oxygen system)
    - iii. Piped medical air system and all outlets (branch of hospitals central medical air system)
    - iv. Piped medical vacuum system and all outlets (branch of hospitals central medical vacuum system)
    - v. Three (3) local alarm panels
    - vi. Three (3) zone valve boxes
- b. Kerrville VA Medical Center
  - i. 2 Hill-Rom Med Air Pumps; Model # VTS35A
  - ii. 2 Hill-Rom Dryers; Model # HDHM025-11P/#1; Serial # 150-10-27-2003-3496 & Serial # 150-10-27-2003-3497
  - iii. 2 Champion Dental Air Pumps; Model # BR210D-6CC; Serial # R10004759SR & Serial # R10004761SR
  - iv. 1 Dental Air Dryer; Model # 10CND A100 7 Serial # 59768-10

- v. 2 Hill-Rom Med Vacuum Pumps; Model # RC0160.B032.1014; Serial # C16988 & Serial # C16989 @ 7.5 H.P and 1745 RPM
  - vi. 2 DentalEz Inc. Dental Vacuum Pumps; Model # CD205 Turbine Type; Serial # BR2111 & Serial # BR2112 @ 5 H.P & 3450 RPM
  - vii. 17 Med Air, VAC, O2 Alarms Panels
- c. VA Dental Clinic, San Antonio, TX
- i. Duplexed dental air system and all related equipment and outlets
  - ii. Duplexed dental vacuum system and all related equipment and outlets
  - iii. Duplexed medical oxygen manifold system and all related equipment and outlets
- outlets
- iv. Duplexed nitrous oxide manifold system and all related equipment and outlets
- d. Frank M. Tejada Outpatient Clinic, San Antonio, TX
- i. Duplexed medical oxygen manifold system and all related equipment and outlets
  - ii. Duplexed medical air manifold system and all related equipment and outlets
  - iii. One alarm panel
  - iv. One zone valve box

Period of Performance: All coordination will be made with the STVHCS Engineering Office before work begins. Any potential outages must be coordinated with the COR prior to work commencing. Contractor shall check in daily with the Maintenance and Operations Office. All work performed shall be between the hours of 0700-1600, Monday – Friday, excluding holidays or weekends, without prior approval.

Timeframe: All testing shall be completed by September 4, 2015 to meet Joint Commission requirements. The reporting documentation shall be completed and delivered by September 30, 2015.

#### **4. CONTRACTOR PROVISIONS AND QUALIFICATIONS**

MSDS: Contractor shall provide Material Safety Data Sheets (MSDS) for all materials requiring MSDS prior to bringing any product onto site. Contractor shall provide one copy of product information, product warranty and care and maintenance of all materials used.

Information Systems Officer, Information Protection: The Contractor will not have access to VA Desktop computers nor will they have access to online resources belonging to the government while conducting services.

Privacy Officer: The Contractor will not have access to Patient Health Information (PHI) nor will they have the capability of accessing patient information during the services provided to the VA.

Safety Requirements: The Contractor is required to follow all applicable OSHA regulations and Hospital Policies pertaining to Infection Control. The Contracting Officer shall notify the Contractor of any safety issues and the action necessary to correct these issues. Such notice, when served to the Contractor or his representative at the work site shall be deemed sufficient for the corrective actions to be taken. If the Contractor fails or refuses to comply promptly, the

Contracting Officer may issue an order stopping all or part of the work, and hold the Contractor in default.

## **5. DELIVERABLES**

Upon completion of work, Contractor will provide a current, accurate and unique inventory of all equipment, zone valve and alarms, with areas served, as well as test results for all equipment, alarms, alarm set points and outlets. Contractor shall also provide written maintenance and testing procedures to manage the clinical and physical risks. All deficiencies found will be annotated, and referenced to appropriate NFPA or CGA standard(s), as well as severity of risk, and recommended corrective action, as well as any general recommendations for the medical gas systems..

*Documentation:* Contractor shall provide bound copies of the report compiled by individual division and clinic, to include three (3) color copies, with photos of any/all discrepancies, each for Kerrville Division and Audie Division, and two (2) copies for each outpatient clinic. The reports shall be delivered to the COR Jason Rush, Maintenance and Operations Office (138C), Engineering Service, 7400 Merton Minter St., San Antonio, TX 78229. In addition, the Contractor shall provide an electronic copy of each report in PDF format on a CD. All discrepancies shall indicate corresponding code reference and brief explanation of discrepancy, along with accompanying description of corrective procedure. A detailed cost estimate shall be provided for any/all work recommended.

## **6. GOVERNMENT FURNISHED PROPERTY AND SERVICES**

6.1 Government Furnished Property: None

6.2 Government Furnished Services:

The Contractor may use the available utilities (medical gas, electricity and water) for the Contractor provided services as defined in this Statement of Work.