

# Modification to a Previous Notice

**SUBJECT\*** Boiler Safety Testing and Inspection Services

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## GENERAL INFORMATION

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<b>CONTRACTING OFFICE'S ZIP CODE*</b>	72703
<b>SOLICITATION NUMBER*</b>	36C25623Q0489
<b>BASE NOTICE TYPE</b>	
<b>RESPONSE DATE/TIME/ZONE</b>	04-12-2023 11:00 CENTRAL TIME, CHICAGO, USA
<b>ARCHIVE</b>	60 DAYS AFTER THE RESPONSE DATE
<b>RECOVERY ACT FUNDS</b>	N
<b>SET-ASIDE</b>	SDVOSBC
<b>PRODUCT SERVICE CODE*</b>	J045
<b>NAICS CODE*</b>	238220
<b>CONTRACTING OFFICE ADDRESS</b>	Department of Veterans Affairs Veterans Health Administration Network Contracting Office 16 2575 Keystone Crossing Fayetteville AR 72703
<b>POINT OF CONTACT*</b>	Contract Specialist Linda Gates linda.gates@va.gov 479-444-5011

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## PLACE OF PERFORMANCE

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Department of Veterans Affairs (VA)  
John L. McClellan Memorial Medical Center  
4300 W 7<sup>th</sup> St  
Little Rock, AR 72205

Department of Veterans Affairs (VA)  
Eugene J Towbin VA Hospital Medical Center  
2200 Fort Roots Dr  
North Little Rock, AR 72114

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## ADDITIONAL INFORMATION

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<b>AGENCY CONTACT'S EMAIL ADDRESS</b>	linda.gates@va.gov
<b>EMAIL DESCRIPTION</b>	Contract Specialist

# Modification to a Previous Notice

## AMENDMENT 0001

The Veterans Integrated Service Network (VISN) 16 has a requirement to provide Boiler Safety Testing and Inspection Services for the John L. McClellan Memorial Veterans Hospital and the Eugene J. Towbin Healthcare Center located in Little Rock and North Little Rock, Arkansas respectively.

This is a total Service-Disabled, Veteran-Owned, Small Business set-aside under NAICS code 238220. All interested parties must be listed in the U. S. Small Business Administration's Veteran Small Business Certification (VetCert) database at <https://veterans.certify.sba.gov/> and the System for Award Management (SAM) at <https://www.sam.gov>, as of the date of quote submission and date of award. Award WILL NOT be delayed for registration.

Amendment 0001 is issued to:

1. Post Questions and Answers submitted by interested parties.
2. Incorporate the Revised Statement of Work (SOW) dated 5 Apr 23.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		BPA NO.	1. CONTRACT ID CODE	PAGE 1	OF 2	PAGES
2. AMENDMENT/MODIFICATION NUMBER 0001		3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NUMBER 598-23-2-8317-0017		5. PROJECT NUMBER (if applicable)	
6. ISSUED BY Department of Veterans Affairs Veterans Health Administration Network Contracting Office 16 2575 Keystone Crossing Fayetteville AR 72703		CODE	7. ADMINISTERED BY (If other than Item 6) Department of Veterans Affairs Veterans Healthcare System of the Ozarks Network Contracting Office 16 2575 Keystone Crossing Fayetteville AR 72703		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) To all Offerors/Bidders		9A. AMENDMENT OF SOLICITATION NUMBER 36C25623Q0489		9B. DATED (SEE ITEM 11) 04-07-2023		
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NUMBER		
				10B. DATED (SEE ITEM 13)		
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>						
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required) See CONTINUATION Page						
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>						
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)					
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) 1. The solicitation identified above is hereby amended to answer questions submitted by interested parties as Exhibit 1. 2. Incorporate the Revised Statement of Work (SOW) dated 5 Apr 23.  *** Exhibit 1, as included with this amendment will NOT be included as part of the contract award. ***						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Hunt Contracting Officer				
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)		16C. DATE SIGNED

CONTINUATION PAGE

<b>No.</b>	<b>Description</b>	<b>Date</b>	<b>Pages</b>
Attachment 1	Statement of Work	04/5/2023	7
Exhibit 1	Questions and Answers	04/05/23	1

**STATEMENT OF WORK**  
**Boiler Safety Testing and Inspection Services**  
(April 5, 2023)

1. **SCOPE**: The contractor shall provide all parts, labor, tools, materials, equipment, transportation and supervision necessary to perform boiler safety testing and inspection services in complete and strict accordance with the contract and all attachments thereto for the Department of Veterans Affairs (VA) Medical Centers located in Little Rock, AR and North Little Rock, AR identified in paragraph 2. below.

2. **PLACE OF PERFORMANCE**: This is a non-personal contract to provide Boiler Safety Testing Inspection to be performed at the following locations.

- John L. McClellan Memorial Veterans Hospital  
4300 W 7<sup>th</sup> St, Little Rock, AR 72205
- Eugene J Towbin VA Hospital Medical Center  
2200 Fort Roots Dr, North Little Rock, AR 72114

3. **INSPECTION SERVICES**:

a. **General:**

- i. Contractor shall perform safety device testing on six (6) fire tube boilers as specified within all updated manufacturer specifications. Technicians shall have adequate experience, training, and applicable licensing, to perform required preventative maintenance.
- ii. Contractor shall provide all labor, materials, and equipment necessary for protection of VAMC personnel, furnishings, equipment, and buildings from damage, and shall replace or repair any damage due to work performed under this contract equal to its original construction and finish. Contractor must have adequate insurance protection against negligent work and other forms of liability and follow all federal, state, local, and VA Regulations related to this requirement.
- iii. Upon request, contractor shall provide proof of certification attesting that all gauging and measurement equipment used has been currently calibrated either according to the manufacturer's specifications or a standard traceable to the National Bureau of Standards.

b. **Introduction:**

- i. (VA) Little Rock/North Little Rock medical center has a central high-pressure boiler plant to provide steam for heating and air conditioning, domestic hot water, sterilizing services.

- ii. The VA has a requirement for:
  - 1. An annual requirement to perform burner and instrument inspecting, testing, calibrating burners and controls, and annual testing of all safety devices on the six (6) (listed below) high pressure (over 15 psig) steam boilers.

- iii. List of Equipment:

- North Little Rock, AR:**

- 1.NLR Boiler #1 manufactured by: Superior, Model number: MS7-X-3750
    - 2.NLR Boiler #2 manufactured by: Superior, Model number: MS7-X-3750
    - 3.NLR Boiler #3 manufactured by: Superior, Model number: MS7-X-3750

- Little Rock, AR:**

- 4.LR Boiler #1 manufactured by: Johnston, Model number: SVRC
    - 5.LR Boiler #2 manufactured by: Johnston, Model number: SVRC
    - 6.LR Boiler #3 manufactured by: Johnston, Model number: SVRC

- iv. Combustion Analysis and Safety Device Testing personnel shall be qualified for boiler plant burner, control, and instrumentation testing. Proof of qualification shall be provided to the COR upon request. Qualifications include completing at least a one-year trade school and five years successful experience in this field. The experience shall be largely with institutional and industrial boiler plants similar in design to the VAMC plants.
- v. “Reference Materials” are comprised of the latest versions of the below, plus any other materials/manufacture reference materials needed to complete all contract requirements: VHA Boiler Plant Safety Device Testing Manual, 5<sup>th</sup> Edition.
- vi. The testing personnel shall be equipped with portable electronic flue gas analyzers and all other test instruments necessary for the required tests and calibrations, all currently calibrated either according to the manufacturer’s specifications or a standard traceable to the National Bureau of Standards.

- c. **Inspection and Testing Requirements:**

- i. At least a two weeks’ notice to the Contracting Officer’s Representative (COR) or authorized government representative is required prior to an inspection. Work cannot be scheduled during heavy steam load periods. Only one boiler at a time can be out of service for the inspection, testing and calibration procedures. Work shall be conducted when the COR or authorized government representative is available on site to monitor the work. The annual safety device testing is to be performed in May/Jun and Sep/Oct of the

applicable contract year. The Contractor shall complete testing within two weeks from start to finish.

- ii. Each burner and the burner control, monitoring and safety interlock systems shall be inspected and tested and adjusted as necessary.
- iii. VA will have the boilers that are to be serviced prepared for the test personnel upon their scheduled arrival. This includes having the boilers clean of soot and loose scale; fully warmed and at normal steam pressure; steam exhaust silencer system operable; all boiler, burner and fuel train pressure gages and thermometers calibrated; fuel meters in accurate operation (pressure/temperature correction factors provided, if applicable); boiler steam flow, stack temperature and flue gas oxygen instruments operating.
- iv. VA will comply with any other requirements of the test personnel that are considered reasonable by VA and have been presented in writing at least two weeks prior to the scheduled testing.
- v. The COR and/or authorized government representative will observe the work.

**d. Safety Device Testing Summary of Requirements:**

- i. The inspections, testing, and adjustments shall comply with:
  - 1. The recommendations and requirements of VHA Boiler Plant Safety Devices Testing Manual.
  - 2. The written recommendations of the equipment manufacturers.
  - 3. The requirements and recommendations of NFPA 85 Boiler and Combustion Systems Hazard Code including applicable appendices.
  - 4. Burner performance requirements in this document.
- ii. A summary of the work is as follows:
  - 1. Review boiler plant log sheets and alarm and trouble reports.
  - 2. Review records that show combustion performance (flue gas oxygen).
  - 3. Perform overall visual inspection of systems. Verify that systems comply with referenced codes and VA requirements stated in this contract.
  - 4. Test the operation and set points of all burner/boiler safety interlock devices. Refer to list below. Record the settings and compare with required settings. Make adjustments as necessary and record the new settings. The operation of a device must result in burner shutdown and/or proper alarm operation.
  - 5. Operate burner(s) on each fuel from low fire to high fire and back to low fire in at least six increments and record combustion performance (flue gas oxygen, carbon monoxide, NOx where applicable), fuel train pressures, atomizing train pressures, burner pressures, stack temperatures, boiler steam output.

6. Compare the combustion performance data with VA requirements (see below) and previous readings. If necessary, make adjustments to the fuel flow and combustion air controllers, control valves and dampers to obtain the required performance. Record the new performance data. If further work, such as repairs or burner modifications, is needed to correct any problems, provide recommendations to the COR.
  7. Verify accuracy of instrumentation listed below. Verify that all devices are properly selected for the application in terms of type, size, set point range, performance, and code approval. Calibrate all instruments that are not within manufacturer's specifications for accuracy.
  8. Immediately inform COR of any recommended repairs, modifications, or safety related problems.
- iii. List of interlocks and safety devices to be inspected and tested on each Boiler/Burner/Condensate/DA tank/Plant safety:
1. Low Water alarm on Condensate Tank (LWACT)
  2. High Water alarm on Condensate Tank (HWACT)
  3. Low Water alarm on DA Tank (LWADT)
  4. High Water alarm on DA Tank (HWADT)
  5. DA Tank Overflow Drain System (DAODS)
  6. DA Tank Safety Valve (DASV)
  7. Steam Safety Valve following PRV (SVFPRV)- Deaerator
  8. Liquid Relief Valve on Oil Pump Set (LRVOPS)
  9. Carbon Monoxide and Combustible Gas Alarms in the Boiler plant.
  10. Liquid Relief Valve on Economizer (LRVE)
  11. Propane Pilot Backup System
  12. Low Water alarm and Cutoffs on Boiler (LWA/LWCO/ALWCO)
  13. High Water alarm on Boiler (HWAB)
  14. Recycle and Non-recycle Steam pressure limit switches (RBSPLS & NRBSPLS)
  15. Steam safety valves on Boiler (SVB)
  16. Low Fuel Gas Pressure Cutoff Switch (LFGPCS)
  17. High Fuel Gas Pressure Cutoff Switch (HFGPCS)
  18. Automatic Fuel Gas Shutoff Valves and Solenoid Vent Valve Seat Leakage (AFGSOV & AFGSVV)-Main Gas Line
  19. Automatic Pilot Fuel Gas Shutoff Valves and Automatic Pilot Fuel Gas Solenoid Vent Valve Seat Leakage (APFGSOV & APFGSVV)
  20. Proof of closure on Automatic Fuel Shutoff Valves (POCAFGSOV) – Natural Gas
  21. Flame Scanner for main flame out (FSMFO) – Natural Gas
  22. Flame Scanner for main flame out (FSMFO) – Fuel Oil
  23. Flame Scanner Not Sensing Igniter Spark (FSNSIS)
  24. Igniter Timing (IT)
  25. Main Flame Ignition Timing (MFIT)
  26. Pre-Purge and Post-Purge Timing (PPT)



27. Low Fire Proving Switch (LFPS)
  28. Forced Draft Damper Wide-Open Pre-Purge Proving Switch (FDDWOPS)
  29. Combustion Air Pressure Switch (CAPS)
  30. Purge Airflow Proving Switch (PAPS)
  31. Forced Draft Motor Interlock Switches (FDMIS)
  32. Outlet Stack Damper Position Interlock Switch (OSDPI)
  33. Furnace Pressure Interlock (FPI)
  34. Low Pilot Gas Pressure Cutoff Switch (LPFGPCS)
  35. Flue Gas Recirculation Damper Interlock (FGRDI)
  36. Low Flue Gas Oxygen Level Interlock (LFGOLI)
  37. Low Fuel Oil Pressure Cutoff Switch (LFOPCS)
  38. High Fuel Oil Pressure Cutoff Switch (HFOPCS)
  39. Low Atomizing Media Pressure Switch (LAMPS)
  40. Automatic Fuel Oil Shutoff Valves (AFOSV) – for Seat Leakage
  41. Proof of Closure on Automatic Fuel Oil Shutoff Valves (POC\_AFOSV) – Oil
  42. Oil Burner Position Switch (OBPS)
  43. Emergency Stop/Panic Buttons (ESPB)
- iv. Required burner performance (natural gas and fuel oil): Test all boilers to ensure they operate properly after adjustments.
  - v. The Contractor shall coordinate with COR to schedule all testing.
  - vi. Feed water de-aerator pressure vessel inspections shall be scheduled during periods of low steam demand.
  - vii. Coordinate the inspection schedule with the COR so that VAMC can have personnel available to monitor the inspections.
  - viii. The testing must comply with Methods for testing safety devices in VHA Boiler Plant Safety Device Testing Manual, 5th Edition.
- e. **Summary of the minimum testing requirements for boilers:** Test all safety devices on six boilers in accordance with VHA Boiler plant safety device testing manual (5<sup>th</sup> Edition). The Contractor shall provide written and hard copy reports to the COR and/or authorized government representative on each tank by email within 10 days of testing. The Contractor shall use testing reports in VHA Boiler plant safety device testing manual, 5<sup>th</sup> Edition.
  - f. **Summary of the minimum testing requirements for Feed water Deaerators and Condensate tank.** Test all safety devices on two Deaerator tanks and two Condensate tanks in accordance with VHA Boiler Plant safety device testing manual (5<sup>th</sup> Edition). The Contractor shall provide written and hard copy reports to the COR and/or authorized

government representative on each tank by email within 10 days of testing. The Contractor shall use testing reports in VHA Boiler plant safety device testing manual.

4. **SCHEDULING ARRANGEMENTS:** Except by special alternative arrangement, scheduled work will be performed only during VAMC's normal working hours (8:00 a.m. to 4:30 p.m. Monday through Friday excluding federal holidays). The Contractor shall schedule all work **within 1 week** of contract award in coordination with the COR. Check in/out procedures: Prior to commencement of and immediately after each service visit, the Contractor and/or Contractor's authorized repair technician shall check in and out with the authorized COR and/or VAMC Boiler Plant staff. Due to heightened security requirements, the Contractor and/or Contractor's authorized service representative will be required to wear an ID Badge which will be signed for upon arrival and turned in when leaving.

5. **DOCUMENTATION:** The Contractor shall use the documentation provided by the Boiler plant with individual service reports, which describes the inspection services performed on the equipment. The government will provide the latest individual service reports.

6. **FEDERAL HOLIDAYS:** The Contractor is not required to perform services on the following Federal holidays:

New Year's Day	January 1 <sup>st</sup>
Birthday of Martin Luther King Jr.	3 <sup>rd</sup> Monday in January
Washington's Birthday	3 <sup>rd</sup> Monday in February
Memorial Day	Last Monday in May
<b>Juneteenth National Independence Day</b>	<b>June 19<sup>th</sup></b>
Independence Day	July 4 <sup>th</sup>
Labor Day	1 <sup>st</sup> Monday in September
Columbus Day	2 <sup>nd</sup> Monday in October
Veterans Day	November 11 <sup>th</sup>
Thanksgiving Day	4 <sup>th</sup> Thursday in November
Christmas Day	December 25 <sup>th</sup>

In addition to the days designated as holidays, the Government observes the following days: Any other day designated by Federal Statute. Any Other day designated by Executive Order. Any other day designated by the President's Proclamation.

7. **HOURS OF OPERATION:** The Contractor shall provide maintenance and software updates during the hours of 8:00 AM to 5:00 PM, Monday through Friday Central Standard Time (CST), except Federal holidays. Prior to any service or repair performed outside of normal working hours, these services shall be approved by the COR, Contracting Officer, or authorized government representative.

8. **BACKGROUND INVESTIGATION:** Contractor shall be subject to background investigation and employee orientation. Contractor shall receive favorable adjudication from the VA Office of Security and Law Enforcement prior to contract performance. If the investigation is not completed prior Contractor's commencement of work, and the investigation result indicates unfavorable adjudication, Contractor shall stop work immediately. The contract

between the Contractor and the Government shall be terminated in its entirety, and the Government will not be liable to the Contractor for the contractor's costs on undelivered work and any damage that may be resulted from this termination. Contractor shall be required to complete privacy and security training and provide training certificates to the Contracting Officer's Representative (COR) and the Contracting Officer.

<b>Request for Quote 36C25623Q0489</b> <b>Boiler Safety Testing and Maintenance Services</b> <b>Exhibit 1</b>		
<b>No.</b>	<b>QUESTION</b>	<b>ANSWER</b>
1.	Is internal National Board Boiler inspections included in this contract?	No
2.	Is this for 2 semi-annual visits as specified in the VHA 1810, or just the one visit in May/Jun?	Two (2) semi-annual visits to be performed in May/Jun and Sep/Oct.
3.	Is Gauge & Transmitter calibration included in this contract?	No