

**1. Title: Automatic Transfer Switches & Paralleling Switchgear Preventive Maintenance and Repairs**

**2. Purpose:** The Michael E. Debakey Veteran Affairs Medical Center (MEDVAMC) hereby issues the following Sources Sought to Request Information (RFI). This RFI is to seek contractors with the capability to provide all personnel, license, material, parts, equipment, tools, supervision, letters/documentation of authorized dealer to obtain software, letters/documentation to obtain original equipment manufacturer parts (OEM) and other items and services necessary to ensure that Automatic Transfer Switches & Paralleling Switchgear Preventive Maintenance and Repairs is performed at Michael E Debakey Veteran Affairs Medical Center (MEDVAMC).

**3. Objective:** To find qualified and certified contractors with the capability to provide Automatic Transfer Switches & Paralleling Switchgear Preventive Maintenance and Repairs. (See Attached **Draft** Statement of Work Statement –SOW below)

**4. Place of Performance:** VA Medical Center, 2002 Holcombe BLVD, Houston, TX 77030.

**5. Responses Requested:** The MEDVAMC requires all the following questions answered in this RFI: Questions that are not provided shall be considered **non responsive** to the Request for Information and **contractor shall not be considered** as part of the market research.

a. Is the contractor a GE-Zenith authorize vendor with certified technicians to meet all government requirements and objectives? **Contractor shall provide documentation from GE-Zenith communicating they are an authorize vendor. Failure to provide documentation letter shall be considered non-responsive to Request for information.**

b. Does the Contractor possess the capability to obtain software updates for Government GE-Zenith equipment? **Contractor shall provide documentation from GE-Zenith communicating they are an authorize vendor. Failure to provide documentation letter shall be considered non-responsive to Request for information.**

c. Contractors shall also provide their point(s) of contact name, address, telephone number, and email address; and the company's business size, and Data Universal Numbering System (DUNS) Number.

d. Is your company a small business, SDBs, HUBZone, or 8A concern? **Contractor shall provide proof of qualifications.**

e. Have contractor provided similar services? Contractor shall provide in capability statement a list of active contracts for commercial, federal, state, and local governments. List Contracts shall provide communication on the government requirement illustrating the capability for comparison.

f. Is your company available under any Government Wide Agency Contract (GWAC), **General Services Administration Schedules (GSA)**, Indefinite Delivery Indefinite Quantity (IDIQ), and/or Blanket Purchase Agreement (BPA)? **If so, please list the contract number and a brief summary of the products and services provided.**

g. Do your company possess at least ten (10) years of experience with GE-Zenith vintage equipment?

h. Will your company be able to meet the emergency response time within 2 hours.

i. Will your company be able to provide training? The training will be for (4 seats), 40 Hour, Ge-Zenith advanced factory training classes at an authorized Manufacturer's training site or provide equivalent onsite training at MEDVAMC for 4 VA electricians. Training shall cover trouble-shooting and repairing GE-Zenith Automatic Transfer Switches and Paralleling Switch Gear.

j. Provide a short summary of your potential approach to this type of contract and meeting the specific requirements per the draft Statement of Work and your experience managing similar contracts with similar requirements for the MEDVAMC.

**6. Opportunity:** The MEDVAMC, is seeking information from potential contractors on their ability to provide this service. **THIS IS A REQUEST FOR INFORMATION (RFI) ONLY.** Small Business Concerns are encouraged to provide responses to this RFI in order to assist the MEDVAMC in determining potential levels of competition available in the industry. Contractor shall provide answers to all questions requested and shall possess the capability to provide all requirements and objectives. **SEE DRAFT STATEMENT OF WORK.**

**7. Instructions and Response Guidelines:** RFI responses are due by May12, 2017 at 9:00 am (CST); size is limited to 8.5 x 11 inches, 12-point font, with 1-inch margins in Microsoft Word format via email to anthony.marion2.gov.

All Questions shall be submitted by May 9, 2017 at 12:00 pm (CST) via email to anthony.marion2.gov. Telephone requests or inquires will not be accepted.

The subject line shall read: VA256-17-N-0676 Automatic Transfer Switches & Paralleling Switchgear Preventive Maintenance and Repairs

NO SOLICITATION EXISTS AT THIS TIME. There is no page limitation on subparagraphs 5(a) - 5(j).

Please provide the information you deem relevant in order to respond to the specific inquiries of the RFI. Information provided will be used solely by MEDVAMC as "market research" and will not be released outside of the MEDVAMC Purchasing and Contract Team.

This RFI does not constitute a Request for Proposal (RFP), Invitation for Bid (IFB), or Request for Quotation (RFQ), and it is not to be construed as a commitment by the Government to enter into a contract, nor will the Government pay for the information submitted in response to this request. All information contained in this RFI is preliminary as well as subject to modification and is in no way binding on the Government.

In accordance with FAR 15.201(e), responses to this notice are not offers and cannot be accepted by the U.S. Government to form a binding contract. If a solicitation is released, it is will be synopsisized in the Federal Business Opportunities (FedBizOpps) website or GSA. It is the responsibility of the interested parties to monitor these sites for additional information pertaining to this RFI, or future RFP.

**8. Contact Information:**

Contract Specialist, Anthony Marion  
Email address: anthony.marion2@va.gov  
Your responses to this notice are appreciated.

THIS NOTICE IS NOT A REQUEST FOR COMPETITIVE QUOTES; however, any firm that believes it can meet the requirements may give written notification prior to the response due date and time. Supporting evidence must be furnished in sufficient detail to demonstrate the ability to perform the requirements.

AUTOMATIC TRANSFER SWITCHES & PARALLELING SWITCHGEAR PREVENTIVE  
MAINTENANCE AND REPAIRS

**DRAFT STATEMENT OF WORK**

1. Contractor shall provide all labor, materials, license, equipment, supervision, parts, software, transportation, management, and personnel required for performing the preventive maintenance, on government as required for annual inspection, testing and repairs of GE-Zenith automatic transfer switches (ATS) and GE-Zenith paralleling switchgear located at the VA Medical Center in Houston, TX. Automatic transfer switch and switchgear locations are identified on Attachment 1.

The contractor shall provide in sources sought copy of certificate for GE-Zenith factory certified field engineers. Seeking contractors with at least 10 years of experience with GE-Zenith vintage equipment. Seeking contractor s to provide evidence from original equipment manufacturer to validate in this market research the capability to obtain original factory or OEM approved parts and provide labor to install, retest and recalibrate. All repair operations that will be recorded and summarized in a contractor provided preventive maintenance, inspection and testing report.

2. Maintenance, Inspection and testing of ATS shall be scheduled with the Contracting Officer's Representative (COR) during normal business hours, 7:30 a.m. – 4:30 p.m., Monday through Friday, unless otherwise directed by COR. The work needed for the paralleling switchgear and ATS that requires operating the emergency generators shall be scheduled after normal working hours. Parts and labor shall be warranted for one year. The Contractor shall provide current OEM cost schedule for all identified repair parts.

3. Annual Preventive Maintenance for all ATS.

Seeking contractor to provide GE/Zenith factory trained field engineers to clean, inspect, adjust and test GE/Zenith transfer switches to verify proper operation. Preventive

maintenance services shall be performed in accordance with manufacturer's recommended maintenance and testing procedures and include the following:

**a. Inspection**

- Torque main lug connections
- Check and adjust all voltage sensors as necessary.
- Check and adjust all accessories to customer specifications.
- Inspect main contacts.
- Check integrity of electrical hardware of control panel.
- Perform millivolt drop test.
- Test all indicator light bulbs, provide and replace as needed.
- Inspect all mechanical interlocks.
- Inspect all electrical interlocks.
- Lubricate necessary moving parts.
- Inspect all limit switches.
- Visual inspection of enclosure.
- Check engine start contacts and connections.
- Exercise gen-set.
- Check voltage and frequency of generator output.
- Complete No Load Test and/or Load Test.
- Record values of all measurements taken, voltage, amperage, frequency, miliohm and millivolt.
- Any adjustments made shall be noted

4. Seeking contractor to provide annually GE/Zenith factory trained field engineers to clean, inspect, and test GE/Zenith paralleling switchgear and verify proper operation of GE/Zenith paralleling switchgear, six generator breakers, and six priority distribution breakers located in B106 (Emergency Generators and Paralleling Switchgear Plant) . Contractor shall test and calibrate all protective relays, trip units, contacts, gas cylinders and sensors. Contractor will immediately notify COR when test values fall beyond desired ranges and/or fail test.

**a. Mechanical Inspection**

- Visually inspect switchgear for damage.
- Test keyed interlock systems for proper function.
- Verify breakers trip and reset, clean and lubricate.
- Tighten bus bar connections and/or verify connections with a millivolt drop test.
- Inspect for proper grounding.

**b. Electrical Inspection**

- Test all lights and fuses.
- Verify all meters are functional.
- Check all pre-alarms and shut down functions.
- Verify and set generator voltage frequency.
- Electrically operate breakers.

- Test programmable logic controller (PLC) battery.
  - Adjust PLC Programming to maximize generators' load capacity
  - Perform primary and secondary injection tests of generator and distribution breakers.
- c. Complete System Test
- Run complete system test in Auto and Manual mode and verify proper operation of:
    - Load add sequence
    - Load shed sequence
    - Automatic synchronizer and synchronizing circuits
    - Load sharing controls
    - Governor controls
    - Automatic stop-start module
    - Automatic generator loading control
    - Import/export controller

5. Additional Services: Seeking contractor to provide emergency repair services to the emergency electrical distribution system including, but not limited to, ATS, paralleling switchgear, distribution breakers, bus-duct, bus-way switches and panel-boards. The emergency response time shall be accomplished with 2 hours. In some instances where VA electrician is available, troubleshooting and repairs may be accomplished via telephonic technical support. Contractor shall possess the capability to provide hourly cost for 160 man-hours per year for emergency call back services to include associated transportation and travel. Seeking contractor with the capability to establish a repair and replacement contingency allowance per year for material, components, subsystems and replacement parts as listed in Attachment 2. These items and minimum quantities shall be made available throughout the term of the contract.

6. The contractor shall provide a complete service report relative to testing measurements, repairs needed, repairs made and recommendations for upgrade or replacement.

7. The contractor shall provide (4 seats), 40 Hour, Ge-Zenith advanced factory training classes at an authorized Manufacturer's training site or provide equivalent onsite training at MEDVAMC for 4 VA electricians. Training shall cover trouble-shooting and repairing GE-Zenith Automatic Transfer Switches and Paralleling Switch Gear.

|

ATTACHMENT 1

<b>ATS #</b>	<b>BUILDING 100 LOCATIONS</b>	<b>SERIAL #</b>
1	BASEMENT MECH BAY #1	166691
2	BASEMENT MECH BAY #1	181069
3	BASEMENT MECH BAY #1	166693
4	BASEMENT MECH BAY #2	166682
5	BASEMENT MECH BAY #2	166683
6	BASEMENT MECH BAY #2	166684
7	BASEMENT MECH BAY #3	166670
8	BASEMENT MECH BAY #3	166672
9	BASEMENT MECH BAY #3	166673
10	BASEMENT MECH BAY #4	166656
11	BASEMENT MECH BAY #4	166661
12	BASEMENT MECH BAY #4	189277
13	BASEMENT MECH BAY #5	166685
14	BASEMENT MECH BAY #5	166686
15	BASEMENT MECH BAY #5	166687
16	BASEMENT MECH BAY #6	166674
17	BASEMENT MECH BAY #6	166675
18	BASEMENT MECH BAY #6	166677
19	BASEMENT MECH BAY #7	166721
20	BASEMENT MECH BAY #7	166722
21	BASEMENT MECH BAY #7	166725

DRAFT- STATEMENT OF WORK

ATTACHMENT 1 cont'd

22	BASEMENT MECH BAY #8	166660
23	BASEMENT MECH BAY #8	166665
24	BASEMENT MECH BAY #8	166666
25	BASEMENT MECH BAY #9	166726
26	BASEMENT MECH BAY #9	166727
27	BASEMENT MECH BAY #9	166728
28	BASEMENT MECH BAY #10	166688
29	BASEMENT MECH BAY #10	166689
30	BASEMENT MECH BAY #10	166690
31	BASEMENT MECH BAY #11	189279
32	BASEMENT MECH BAY #11	189273
33	BASEMENT MECH BAY #11	166680
34	BASEMENT MECH BAY #12	189275
35	BASEMENT MECH BAY #12	189274
36	BASEMENT MECH BAY #12	189278
37	TRANSFORMER RM A	166694
38	TRANSFORMER RM D	201264
39	PENTHOUSE	189272
40	PENTHOUSE	189276
41	PENTHOUSE	166719
42	PENTHOUSE	166672
43	PENTHOUSE	166723

DRAFT- STATEMENT OF WORK

ATTACHMENT 1 cont'd

44	BASEMENT MECH BAY #8	166669
45	BASEMENT MECH BAY #8	226003
46	MECH BAY 5K	1430485
47	INTERSTITIAL ATS47 AREA A	1590036-1
48	INTERSTITIAL ATS48 AREA B	1590040-1
49	INTERSTITIAL ATS49 AREA D	1590040-2
50	BUILDING 114	167539
51	BUILDING 114	167538
52	BUILDING 114	167540
53	BUILDING 109 ATS1	1311080.1.4
54	BUILDING 109 ATS2	1559156
55	BUILDING 109 ATS3	1521635
56	BUILDING 109 ATS4	1567420
57	BUILDING 105 ATS1	1321595
58	BUILDING 104 ATS1	1588716-1
59	BUILDING 104 ATS2	1588717-1
60	BUILDING 104 ATS3	1588718-1
61	BUILDING 104 ATS4	1588719-1

## ATTACHMENT 2: REPLACEMENT PARTS

Description	Part No.	Quantity
LED Amber	Zc 080ba9s120lg	55
LED Red	Zc 080ba9s120lr	80
LED Green	Zc 080ba9s120lv	55
Control Transformer	K-3071	4
ASRM Phase Relay	K-1188	4
Voltage Freq Sensor	K-1204	4
Resistor RNH 30 ohm	PS-4056	10
Resistor LDS 120 ohm	PS-4057	10
Normal Voltage Relay	Y260000	4
Diode	PS-4812	10
Capacitor RNH	PS-4058	4
J1-J11 Jumpers	PS-5067	20
T,U,W Timer	OSA-A-3	2
P1 Engine Start Timer	K-1201G	2
TS Test Switch Mom	L-1025	4
TS Contact Block	L-1029	2
TS Cont. Mount Base	PS-3473	5
SCN/SCE Limit Switch	L-3079	5
SN,SE,A3,A4 Pos Switch	L-3002	2
AA AE1, 2; pls 1,2 Position Lever Switch	L-3071	4
ATS Isolation/Test Switch	L-3070	2
ATS Solenoid DS	L-4018	1
Bypass Solenoid (bps/trs)	K-2180	1
CNE transfer relay	K-1203	1
Main Operating Coil	K-2176	1
Rectifier	PS-5076	2
MX200/250 Controller	ZC-50p-1161SPR	1
In-phase monitor	Zc-k-1270rpl	2