

DEPARTMENT OF VETERANS AFFAIRS

Justification and Approval

For

Other Than Full and Open Competition

1. **Contracting Activity:** Department of Veterans Affairs
Network Contracting Office 2 (2/90)
1304 Buckley Rd, Suite C104
Syracuse, New York 13212-4311

Requestor: Syracuse VA Medical Center
Engineering
800 Irving Avenue
Syracuse, New York 13210-2716
Procurement request #: 528-16-4-7896-1146
Source: GEM Energy
6842 Commodore Dr
Walbridge OH 43465

2. **Nature and/or Description of the Action Being Processed:** Upon the basis of the following justification, the use of other than full and open competition for the proposed contractual action is hereby authorized pursuant to the authority of 41 U.S.C. 253(c)(1), and FAR 6.302-1 – Only one responsible source and no other supplies or services will satisfy agency requirements.
- Syracuse VA Medical Center Engineering Department is requesting a full service preventative maintenance and on-call emergency support contract for its eight (8) Capstone C65 GC ICHP microturbine generators and gas packs.
- This contracting activity proposes to negotiate sole source with GEM Energy, 6842 Commodore Drive, Walbridge, OH 43465, to provide services to maintain the combined heat and power plant's microturbine generators and associated equipment located at the Syracuse VA Medical Center. This acquisition will be conducted using sole source procedures, based on a market survey which yielded that no other business concerns could fulfill this requirement due to the fact that GEM Energy is the sole authorized service contractor and regional distributor for the Capstone C65 microturbine generators and control software. Any service performed by a vendor that is not OEM certified and trained to maintain the C65 microturbine generators would jeopardize the 40,000 hour warranty on the turbines and potentially damage this equipment which is valued at \$1,300,000. Also, loss of use due to improper servicing could potentially cost the medical center at least \$3,000.00 per week in additional utility costs.
- This will be a firm, fixed price maintenance agreement. The cost for the base period from September 1, 2016 to August 31, 2017 is \$53,037.00. The total contract value with four option years to expire on Aug. 31, 2021 is \$265,185.00.

3. Description of Supplies/Services Required to Meet the Agency's Needs:

This requirement is to provide full scheduled and unscheduled maintenance services for the eight (8) Capstone C65 microturbines, flexset controller, integrated heat exchangers, gas packs and associated equipment to ensure continued proper operation of the Combined Heat and Power (CHP) system.

The Factory Protection Plan (Plan B) shall include the following:

- a. Scheduled maintenance parts as needed pursuant to the then current Capstone and GEM Energy Standard Maintenance Schedule
- b. Unscheduled maintenance parts as needed, including:
 - 1. Engine assembly (Engine/Generator)
 - 2. All power electronics components
 - 3. All fuel system components
- c. Optional/Accessory equipment
 - 1. Advanced Power Server (APS)
 - 2. Dual Mode Controller (DMC)
 - 3. External Fuel Filter
 - 4. External Regulator
 - 5. Gas compressor
- d. Scheduled maintenance labor.
- e. Unscheduled maintenance labor.
- f. Access to GEM Energy's Call Center, including 24/7 access to Technical Support.
- g. Priority response to unscheduled maintenance service requests.
- h. System software upgrades as released by GEM Energy and/or Capstone.
- i. Installation of system software upgrades.

4. Statutory Authority Permitting Other than Full and Open Competition:

- (X) (1) Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements per FAR 6.302-1;
- () (2) Unusual and Compelling Urgency per FAR 6.302-2;
- () (3) Industrial Mobilization, Engineering, Developmental or Research Capability or Expert Services per FAR 6.302-3;
- () (4) International Agreement per FAR 6.302-4
- () (5) Authorized or Required by Statute FAR 6.302-5;
- () (6) National Security per FAR 6.302-6;
- () (7) Public Interest per FAR 6.302-7;

5. Demonstration that the Contractor's Unique Qualifications or Nature of the Acquisition Requires the Use of the Authority Cited Above (applicability of authority):

This is a new requirement to provide the preventive maintenance on this equipment. Capstone Microturbines in Upstate NY are serviced solely by GEM Energy as sole authorized service contractor and regional distributor for the Syracuse area. Please see attached. GEM Energy technicians are OEM factory trained and certified to service the Capstone microturbines in this region. Additionally, Capstone and GEM Energy have proprietary rights of the software.

6. **Description of Efforts Made to ensure that offers are solicited from as many potential sources as deemed practicable:** As a sole source acquisition, based on the unique characteristics presented above, GEM Energy is the sole source for servicing the Capstone microturbines. Market research showed that GEM Energy is the sole distributor of the equipment, have proprietary rights and have the capability to meet the Governments specific requirement for the Syracuse VAMC CHP system. This acquisition will be announced in the Government Point of Entry (GPE) for submission to the FedBizOpps (FBO), as a sole source acquisition, based on the unique characteristics presented above, as it is within the threshold required for dissemination through the FBO. By submission to the FBO, the general public will have an opportunity to provide input as to their company's capability to meet the Governments minimum requirement, and if determined appropriate the acquisition will then be solicited competitively. A Notice of Intent to Sole Source was posted to FBO from June 28, 2016 to July 6, 2016 which yielded no responses. Please see attached.
7. **Determination by the Contracting Officer that the Anticipated Cost to the Government will be Fair and Reasonable:** The Contracting Officer has determined that the anticipated cost to the Government will be fair and reasonable based on comparison of pricing with other facilities procuring the same services. The industry standard for CHP service contracts is approximately \$0.02 per kWh (less for very large systems, more for smaller systems), which is \$83,200.00 per year for this 520 kW plant. The proposed price of \$53,037.00 is significantly less than the industry standard, but this price does not include the cost of a turbine overhaul which will be required near the end of year 5, or in year 6.
8. **Description of the Market Research Conducted and the Results, or a Statement of the Reasons Market Research Was Not Conducted:** Market research was conducted for the purpose of determining other viable sources in the open market with the ability to perform the same type of service. The market survey was conducted and the results are that GEM Energy is the sole authorized service contractor and regional distributor for the Capstone microturbine generators. As such, no other company can meet this requirement.
9. **Any Other Facts Supporting the Use of Other than Full and Open Competition:** None.
10. **Listing of Sources that Expressed, in Writing, an Interest in the Acquisition:** None.
11. **A Statement of the Actions, if any, the Agency May Take to Remove or Overcome any Barriers to Competition before Making subsequent acquisitions for the supplies or services required:** As it has been determined that this is a sole source provider, no actions may be taken to overcome barriers for this acquisition. However, should it be determined that Syracuse VAMC has a future requirement for this type service, the Contracting Officer will once again conduct a market survey to determine if any business can provide the service maintenance package for the microturbine generators. Additionally, it is difficult to remove barriers to competition in this procurement unless Capstone provides more dealerships with factory trained technicians in the Syracuse area.
12. **Requirements Certification:** As it has been determined that this is a sole source provider, no actions may be taken to overcome barriers to acquisition. However, should it be determined that Syracuse VAMC has a future requirement for this type of service, the Contracting Officer will once again conduct a market survey to determine if any business can provide preventative maintenance and emergency on-call support for its microturbine generators. I certify that the requirement outlined in this justification is a Bona Fide Need of the Department of Veterans Affairs and that the supporting data under my cognizance, which are included in the justification, are accurate and complete to the best of my knowledge and belief.

Michael
Arnold 154437

Digitally signed by Michael Arnold 154437
DN: dc=gov, dc=va, o=internal,
ou=people,
0.9.2342.19200300.100.1.1=michael.arnol
d6@va.gov, cn=Michael Arnold 154437
Date: 2016.07.14 13:26:27 -04'00'

Michael Arnold
Energy Manager
Syracuse VA Medical Center

7/14/2016

Date

13. Approvals in accordance with FAR 6.304

- a. **Contracting Officer's Certification (required):** I certify that the foregoing justification is accurate and complete to the best of my knowledge and belief.

Richard
Williams
147835

Digitally signed by Richard Williams
147835
DN: dc=gov, dc=va, o=internal,
ou=people,
0.9.2342.19200300.100.1.1=richard.will
iams18@va.gov, cn=Richard Williams
147835
Date: 2016.07.14 14:41:00 -04'00'

Richard Williams
Contracting Officer
VISN 2 NCO

Date

- b. **NCM/PCM (Required \$3K and above):** I certify the justification meets requirements for other than full and open competition.

Irma Ferro
Division Chief
NCO 2

Date

Market Research Report

Date: July 12, 2016

Requisition Number: 528-16-4-7896-1146

Solicitation/ACQ Plan: VA528-16-AP-2838

Description of requirement: Provide a full service, firm fixed-price contract for preventative maintenance (PM)/service and on-call emergency support for eight (8) Capstone C65 GC ICHP microturbine generators, gas packs and control software located at Syracuse VA Medical Center, 800 Irving Avenue, Syracuse, NY 123210-2716. This coverage shall include GEM Energy's Plan B factory protection plan.

Period of Performance: September 1, 2016 to August 31, 2017 with four (4) option years.

Estimated Value: Base Year: \$53,037.00; total contract value for base plus four option years is \$265,185.00.0

PSC/FSC: J065

NAICS Code: 811219

1. **OBJECTIVE:** To determine set aside category and if adequate resources are available to provide a full service maintenance agreement to maintain the Capstone combined heat and power (CHP) plant's microturbine generators and associated equipment. This will include all scheduled and unscheduled services for eight C65 microturbine generators, flexset controller, integrated heat exchangers and associated equipment to ensure proper operation of the CHP power system.

2. MARKET RESEARCH SOURCES for:

☐ **SERVICES:** GSA, FSS schedules were searched and no contract currently exists for this service. VetBiz, SBA and Google were also searched.

3. **BACKGROUND:** The Capstone C65 microturbine generators and gas packs were installed at the Syracuse VA Medical Center in 2015 for the generation of electric power for its combined heat and power. Microturbines are a simple form of gas turbine, featuring a radial compressor and turbine rotors. They typically recover exhaust energy to preheat compressed inlet air, thereby increasing electrical efficiency. The strength of the microturbine lies with combined heat and power (CHP) where the clean exhaust heat can be recovered and productively used. It is necessary for OEM authorized service representatives to perform the preventative scheduled and unscheduled maintenance services as they are certified and trained to maintain the Capstone C65 microturbines. The OEM trained service technicians are equipped with the specific diagnostic tools and proprietary software to maintain the generators and associated equipment in accordance with OEM specifications. Software updates made by GEM Energy technicians will maintain the most up-to-date technological enhancements and will protect the substantial investment (\$1.3 million) in the capital equipment at the Syracuse VA Medical

Center. In addition, all system software upgrades released by Capstone (manufacturer) requires access to service screen menus that are only available to certified Capstone service technicians. The proposed contract action shall be provided by GEM Energy, 6842 Commodore Drive, Walbridge, Ohio 43465 for a one year Period of Performance from September 1, 2016 through August 31, 2017 with four (4) possible option years for a total estimated cost of \$265,185.00.

4. MARKET RESEARCH FINDINGS:

a. "Mandatory" Medical FSC 65, 66 " Source per VAAR 808.002:

(1) National Committed Use Contracts: None.

(2) VA Federal Supply Schedule (FSS) Groups 65 and 66 for health care supplies:

(a) Nationally awarded Blanket Purchase Agreements (BPAs) issued against FSS Contracts by the NAC:

(b) Multi-VISN, VISN, or locally awarded BPAs against FSS Contracts: None.

(c) Other FSS Group 65, or 66 Contracts: None.

b. "Mandatory" Non-Medical Source per FAR 8.002 in Hierarchical Order:

Services:

(1) Services from Ability One: A review of services which are on the Procurement list maintained by the Committee for purchasing from people who are blind or severely disabled (see Subpart 8.7); revealed that Ability One is not able to provide the requirement at this time.

c. Other Special Case "Mandatory" Sources:

- 1. Public utility services (FAR 41):**
- 2. Printing and related supplies (FAR 8.8):**
- 3. Leased motor vehicles (FAR 8.11):**

d. Encouraged Sources per FAR 8.004 and VAAR 8.004:

Services:

(1) Federal Prison Industries (UNICOR) – See VAAR 808.6: A survey of UNICOR's website revealed that microturbine generator preventive maintenance service agreement cannot be acquired through this source.

(2) As well as the sources listed in VAAR 8.004(a)(1): None.

e. Contracting Officer's Order of Commercial Sources Priority - per FAR 8.004(b) and VAAR 819.7004:

- (1) SDVOSB and VOSB Sources via VetBiz VAAR Subpart 819.7004, 819.7005, 819.7006:** A search of Vetbiz.gov was conducted and revealed that there are no SDVOSB or VOSB sources capable of providing this service to the agency.
- (2) SMALL BUSINESS Sources via Small Business Administration's (SBA) Dynamic Small Business website:** A search was conducted on Small Business Administration's

(SBA) Dynamic Small Business website, http://dsbs.sba.gov/dsbs/search/dsp_dsbs.cfm, and this revealed three (3) potential sources capable of providing this service plan. See attached.

VAAR 819.7004(c):

- a. **Section 8(a), or:** None.
- b. **Women Owned Business (WOB)/Small Disadvantaged Business (SDB)/HUBZone:** None.
- c. **Other Small Businesses:** None.

FULL and OPEN COMPETITIVE - Large and Small Businesses Sources: The only contractor capable of providing this service in New York State is GEM Energy, 6842 Commodore Drive, Walbridge, Ohio 43465, a Small Business. GEM Energy is the sole authorized service contractor for the Capstone C65 microturbine generators and control software.

5. CUSTOMARY COMMERCIAL TERMS AND CONDITIONS:

FAR 10.002 Information specific to the item being acquired, including but not limited to:

- a. **Whether the Government's needs can be met by –**

 X **(1) Items of a type customarily available in the commercial marketplace:**

 (2) Items of a type customarily available in the commercial marketplace with modifications:

 (3) Items used exclusively for governmental purposes:

- b. **Customary practices regarding customizing, modifying or tailoring of items to meet customer needs and associated costs:**

There is no modification required for these services.

- c. **Customary practices, including warranty, buyer financing, discounts, contract type considering the nature and risk associated with the requirement, etc., under which commercial sales of the products are made:**

These are standard practices with no warranty and typical risk to the contractor.

- d. **The requirements of any laws and regulations unique to the item being acquired:**

The requirement does not have any unique laws or regulations that would not apply to the general public.

- e. **The availability of items that contain recovered materials and items that are energy efficient:**

No recovered materials are used.

- f. **Size and status of potential sources (see Part 19):**

The only contractor capable of providing this service in New York State is GEM Energy, 6842 Commodore Drive, Walbridge, Ohio 43465, a small business.

6. **MARKET PRICE:** This is the first service agreement to be established for the microturbines as they were installed in 2015 at Syracuse VAMC. No other systems are currently installed at VA facilities.
7. **ACQUISITION HISTORY:** This is the first service agreement with GEM Energy for the Capstone microturbine generators, gas packs and control software.
8. **OTHER PERTINENT INFORMATION:** A Sources Sought Notice was posted to FBO (FedBizOpps) from June 28, 2016 to July 6, 2016 and yielded no other contractors interested in providing this service to the agency.
9. **RECOMMENDATION:** Based on my market research, the Contracting Officer recommends award of a sole source, firm-fixed price contract to GEM Energy (a Small business) as it is the sole authorized service contractor in New York for the Capstone microturbine generators. Therefore, it is the only contractor capable of providing this service to the agency.

Prepared by:

Name: Richard Williams

Date: July 12, 2016

Scope of Work
PM Service Capstone Microturbine Generators and Gas Packs
Syracuse VA Medical Center
800 Irving Avenue
Syracuse NY 13210-2716

I- Introduction/Description of Work

The Syracuse VA Medical Center, located at 800 Irving Avenue, Syracuse, NY 13210-2716, is soliciting a full service firm fixed-price contract for preventative maintenance (PM)/service and on-call emergency support for its eight (8) Capstone C65 GC ICHP microturbine generators and gas packs.

II- Equipment List

The following equipment is to be covered by the terms and conditions herein.

DESCRIPTION	MANUFACTURE	MODEL/CONFIGURATION OR PART	SERIAL
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8850
C65 GC ICHP	Capstone Turbine		8851
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8852
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8853
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8854
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8855
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8856
C65 GC ICHP	Capstone Turbine	65C-HG4-DUN0	8857
Gas Pack	Capstone Turbine	522201-100	
Gas Pack	Capstone Turbine	522201-100	
Gas Pack	Capstone Turbine	522201-100	
Gas Pack	Capstone Turbine	522201-100	

Gas Pack	Capstone Turbine	522201-100	
Gas Pack	Capstone Turbine	522201-100	
Gas Pack	Capstone Turbine	522201-100	
Gas Pack	Capstone Turbine	522201-100	

III- Period of Performance

The base period of performance for this contract shall begin on September 1, 2016, unless otherwise specified, and shall expire on August 31, 2017. This solicitation includes the provision of quotations for this base year, and four (4) renewal option years beginning September 1, 2017 that may be exercised at the discretion of the government.

IV- Detailed Scope of Work

1. Contractor shall furnish all labor, parts, tools, and equipment as applicable to perform full service maintenance and repairs on identified equipment and associated software, unless otherwise specified, during normal working hours, unless otherwise specified. Normal working hours are 8:00 AM EST - 5:00 PM EST, unless otherwise specified, Monday through Friday. Holidays observed by the VAMC are:

New Year's Day	Martin Luther King Day	President's Day
Memorial Day	Independence Day	Labor Day
Columbus Day	Veterans Day	Thanksgiving Day
Christmas Day		

2. A factory authorized (OEM) service contractor shall perform all scheduled and unscheduled maintenance on the eight (8) C65 Capstone microturbine generators, accessories, and controllers to ensure continued operation of the system within the operating parameters published by the manufacturer and project design. The equipment is primarily located on the roof of the Spinal Cord Injury/Disease building and the mechanical room directly underneath the roof. The work shall include, but not limited to:
 - a. All parts and labor to accomplish the tasks listed in Capstone's periodic maintenance schedule.
 - b. All parts and labor for unscheduled repairs, including, but not limited to:
 1. Engine assembly (engine/generator)
 - c. All power electronics components
 - d. All fuel system components
 - e. Gas pack compressors
 - f. Dry Fluid Cooler
 - g. Optional equipment

3. The contract price shall include all travel, fees, accommodations, and any other costs incurred by the contractor. Additional fees or charges of any kind will not be paid.
4. Contractor shall provide Syracuse VAMC with access to its call center, including 24/7 access to technical support.
5. Contractor shall provide priority response to unscheduled maintenance service requests within 48 hours or less.
6. Contractor shall provide all system software upgrades as released by the manufacturer including the installation labor.
7. Work not covered by this contract shall not be performed without first obtaining permission of the COR and/or the Contracting Officer. **Bills resulting from additional work performed without prior approval will not be honored.**
8. Scheduled preventive maintenance service will be provided at the frequencies required by the manufacturer per year in accordance with the contract. Such service will be provided at equal intervals during the term of the contract. Unless a particular time is specified in the contract, the Contractor shall notify the COR within thirty (30) days of acceptance of the contract of the times during which the preventive maintenance inspections are to be performed. The contractor is responsible for scheduling all PM Service visits prior to the end of the month in which they are due. Any deviations from this schedule must be approved in advance by the COR.
9. The technicians shall be provided an identification badge from the Syracuse VAMC Police. The badge must be worn at all times while working in the medical center. A lost or stolen badge shall be reported to the VA Police immediately.

CAPSTONE TURBINE CORPORATION

C65

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GEM ENERGY

Phone: +1 (866) 720-2700

Fax: +1 (419) 720-2701

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RSP SYSTEMS

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LOCATION

Oncor Electric Delivery Company

Viking Yacht Company

Wintershall AG

Swineline Farm

Edar de Rubi Rubi, Spain

U.S. Government Office Relies on UPSource

Bolivia Pipeline Compressor & Pumping Stations

Data Center, Texas

Syracuse University

Vineyard 29

Branford High School

Pierce College

University of Toledo

Salem Community College

St. Joseph Hospital

Catholic Hospital Koblenz

Evangelische Diakonissenanstalt Hospital Augsburg

City Express Hotel

Four Seasons Hotel Philadelphia

Quellenhof Sport and Wellness Resort

Corralco Mountain & Ski Resort Hotel

F-D-S Manufacturing Company

A. Obenhauf GmbH & Company Manufacturing Plant

Gefu Produktions AG

Trolza ECObus-5250

Capstone Turbine Corporation

1350 Avenue of the Americas

La Ciotat Landfill

CEM Ambiente SpA

Masonic Village

Apartment Complex

Hannam Luxury Apartments

Yarmarka Shopping Center

Nuevo León Department Store

Ramon Station

Petróleos Mexicanos (PEMEX)

Q4C Oil Platform

Southern California Edison Co



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C65-ICHP MicroTurbine Natural Gas - CARB Certified



CARB certified to achieve ultra-low emissions and reliable electrical/thermal generation from natural gas.

- Less than 4 ppm volume NO_x emissions at 15% O₂ – among industry's lowest
- Reliable electrical/thermal generation from natural gas
- One moving part: Minimal maintenance and downtime
- Patented air bearing: No lubricating oil or coolant
- 5 and 9 year Factory Protection Plans available
- Remote monitoring and diagnostic capabilities
- Integrated utility synchronization and protection
- Small, modular design allows for easy, low-cost installation
- Reliable: Tens of millions of run hours and counting



C65 CARB ICHP MicroTurbine

Electrical Performance⁽¹⁾

Electrical Power Output	65 kW
Voltage	400 to 480 VAC
Electrical Service	3-Phase, 4 wire
Frequency	50/60 Hz, grid connect operation 10-60 Hz, stand alone operation
Maximum Output Current	100A, grid connect operation 127A, stand alone operation ⁽²⁾
Electrical Efficiency LHV	28%

Fuel/Engine Characteristics⁽¹⁾

Natural Gas HHV	30.7 MJ/m ³ to 47.5 MJ/m ³ (825 to 1,275 BTU/scf)
Inlet Pressure ⁽³⁾	517-552 kPa gauge (75-80 psig)
Fuel Flow HHV	919 MJ/hr (871,000 BTU/hr)
Net Heat Rate LHV	12.9 MJ/kWh (12,200 BTU/kWh)

Exhaust Characteristics⁽¹⁾

NO _x Emissions @ 15% O ₂ ⁽⁴⁾	4 ppmvd (8 mg/m ³)
NO _x / Electrical & Thermal Output ⁽⁴⁾⁽⁵⁾	0.06 g/bhp-hr (0.17 lb/MWhe)
Exhaust Gas Flow	0.51 kg/s (1.13 lbm/s)
Exhaust Gas Temperature	311°C (592°F)

Reliable power when and where you need it. Clean and simple.

C65-ICHP Heat Recovery⁽⁶⁾

Hot Water Heat Recovery	120 kW (408,000 BTU/hr)
Total System Efficiency LHV	80%

Dimensions & Weight⁽⁷⁾

Width x Depth ⁽⁸⁾ x Height ⁽⁹⁾	0.76 x 2.2 x 2.6 m (30 x 87 x 103 in)
Weight – Grid Connect Model	1090 kg (2,400 lb)
Weight – Dual Mode Model	1450 kg (3,200 lb)

Minimum Clearance Requirements⁽¹⁰⁾

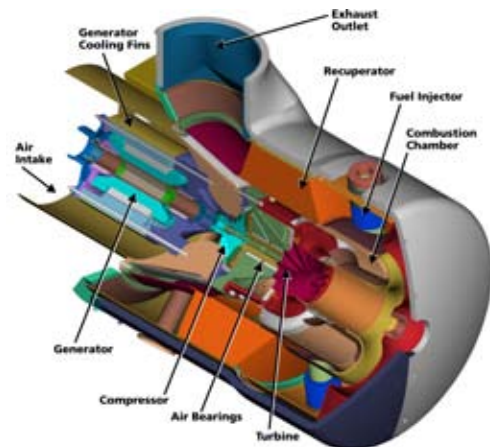
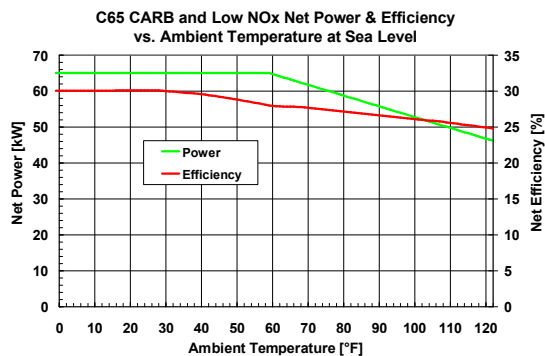
Vertical Clearance	0.61 m (24 in)
Horizontal Clearance	
Left & Right	0.76 m (30 in)
Front ⁽¹¹⁾	1.7 m (65 in)
Rear	0.76 m (30 in)

Sound Levels

Acoustic Emissions at Full Load Power ⁽¹²⁾	
Nominal at 10 m (33 ft)	65 dBA

Certifications

- Certified to UL 2200 and UL 1741 for natural gas operation (UL files AU2687, E209370)
- Complies with IEEE 1547 and meets statewide utility interconnection requirements for California Rule 21 and the New York State Public Service Commission
- Certification to California Air Resources Board (CARB) 2007 for operation on Natural Gas
- CE certified models available with CARB level emissions



- (1) Nominal full power performance at ISO conditions: 59°F, 14.696 psia, 60% RH
 - (2) With linear load
 - (3) Inlet pressure for standard natural gas at 39.4 MJ/Nm³ (1,000 BTU/scf) (HHV)
 - (4) Exhaust emissions for standard natural gas at 39.4 MJ/Nm³ (1,000 BTU/scf) (HHV)
 - (5) At full heat recovery for all allowable C65 CARB ICHP water temperatures and flow rates
 - (6) Heat recovery for water inlet temperature of 57°C (135°F) and flow rate of 2.5 l/s (40 GPM)
 - (7) Approximate dimensions and weights
 - (8) Depth includes 10 inch extension for the heat recovery module rain hood on ICHP versions
 - (9) Height dimensions are to the roof line. Exhaust outlet extends at least 7 inches above the roof line
 - (10) Clearance requirements may increase due to local code considerations
 - (11) Dual Mode MicroTurbine configuration for Battery Removal clearance
 - (12) The optional acoustic inlet hood kit can reduce acoustic emissions at the front of the MicroTurbine by up to 5 dBA.
- Specifications are not warranted and are subject to change without notice.*





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Displaying profiles 1 - 3 (of 3 profiles matching criteria):

View	Name and Trade Name of Firm	Contact	Address and City, State Zip	Capabilities Narrative
1	ZAPOTEC ENERGY, INC.	PAUL E LYONS	675 MAMAACHUSETTS AVE STE 902 CAMBRIDGE, MA 02139-3390	Zapotec Energy provides objective advice and project management services to a variety of clients in New England, to solve their dilemmas related to energy conservation, management and production.
2	Microgrid Control Systems Incorporated	Harry G Halamandaris	3954 Southhampton Rd Moorpark, CA 93021-2806	Control system development and control panel manufacturing for microgrid and distributed power and energy systems. System controls including paralleling switchgear controls, distributed energy resource (DER) control, generator controls, energy storage, PV controls, synchronization, droop, load sharing and load management. Point of common coupling, grid-connect, island,

View	Name and Trade Name of Firm	Contact	Address and City, State Zip	Capabilities Narrative
				import/export, base-load, VAR and power factor control. Power flow and coordination studies and implementing protection controls. Communications, network connectivity, SCADA development and metering, including remote control and monitoring. Project management, systems engineering, requirements, failure modes analysis, hardware and software design, subcontracting, procurement, test, verification, validation, commissioning and service.
3	CAPSTONE TURBINE CORPORATION	STEVE GILLETTE	21211 NORDHOFF ST CHATSWORTH, CA 91311-0000	Electrical generation with more than 10 million hours of documented operation and more than 3,000 turbines operating worldwide. Increased reliability, 40,000 hours between overhauls. Safety assured, UL & global certifications.

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- ☒ semi-colon and space
- ☐ comma and space
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U.S. Department of Veterans Affairs - 810 Vermont Avenue, NW - Washington, DC 20420

Reviewed/Updated Date: October 16, 2015



J--Capstone Microturbine Service Protection Plan Syracuse VA Medical Center

Solicitation Number: VA52816Q0271

Agency: Department of Veterans Affairs

Office: Syracuse VAMC

Location: Department of Veterans Affairs Medical Center

Notice Type:

Sources Sought

Posted Date:

June 28, 2016

Response Date:

July 22, 2016

Archiving Policy:

Automatic, on specified date

Archive Date:

August 21, 2016

Original Set Aside:

N/A

Set Aside:

N/A

Classification Code:

J -- Maintenance, repair & rebuilding of equipment

NAICS Code:

811 -- Repair and Maintenance/811219 -- Other Electronic and Precision Equipment Repair and Maintenance

Synopsis:

Added: Jun 28, 2016 2:37 pm

Sources Sought only.

This solicitation is a "REQUEST FOR INFORMATION" only. This Sources Sought Notice is not a request for formal proposals or quotes. It is neither a solicitation announcement nor a request for proposals or quotes and does not obligate the Government to award a contract. Requests for a solicitation will not receive a response. Responses to this Sources Sought must be in writing. The purpose of this Sources Sought announcement is for market research to make appropriate acquisition decisions and to gain knowledge of potential qualified Service Disabled Veteran Owned Small Businesses, Veteran Owned Small Businesses, 8(a), HubZone and other Small Businesses interested and capable of providing the services described below. Documentation of technical expertise must be presented in sufficient detail for the Government to determine that your company possesses the necessary functional area expertise and experience to compete for this acquisition. Responses to this notice shall include the following: (a) company name (b) address (c) point of contact (d) phone, fax, and email (e) DUNS number (f) Cage Code (g) Tax ID Number (h) Type of small business, e.g. Services Disabled Veteran Owned small Business, Veteran-owned small business, 8(a), HUBZone, Women Owned Small Business, Small disadvantaged business, or Small Business HUBZone business and (i) must provide a capability statement that addresses the organizations qualifications and ability to perform as a contractor for the work described below. The intent is to award a Firm Fixed Price contract.

Place of Performance:

Department of Veterans Affairs

Syracuse VA Medical Center

800 Irving Avenue

Syracuse, NY 13210-2716

Period of Performance:

September 1, 2016 to August 31, 2017 with four (4) option years to expire August 31, 2021 that may be exercised at the discretion of the Government.

Purpose and Objectives:

A factory authorized (OEM) service contractor shall perform all scheduled and unscheduled maintenance on the eight (8) C65 Capstone C65 GC ICHP microturbines, gas packs, accessories, and controllers to ensure continued operation of the system within the operating parameters published by the manufacturer and project design. The contractor must be able to provide Capstone factory protection plan B that includes all labor and parts to accomplish periodic maintenance, unscheduled repairs, 24/7 call center access for technical support, priority response to unscheduled maintenance service requests and system software upgrades as released by Capstone to include installation labor.

Response:

Responses to this Sources Sought Notice should be able to demonstrate the firm's ability, capability, and responsibility to deliver the service listed above. The maintenance services shall be in accordance with OEM specifications. All work shall be performed by OEM certified personnel, experienced and qualified to work on the specific equipment. If any offeror can provide OEM certification from Capstone for the purposes of performing technical support services on the microturbines and gas jacks named above, please submit proof. Responses should include the following information:

1. Company Information to include:

- a. Points of contact, addresses, email addresses, phone numbers
- b. Identification as a large U.S. business, small U.S. business, or a foreign business.

2. A summary of your related capabilities to provide technical surgery support services and access listed above.

It should be brief and concise, yet clearly demonstrate your abilities to meet the stated requirements including company CAGE Code or DUNS Number, business size and description of relevant contract experience with Government or commercial customers. Limit responses to a total page limit of 1-3 pages in a Microsoft Word compatible format.

3. Provide no more than three (3) contract history matrices for any contract relevant to this effort. (Include information about current work or work completed within three (3) years of date of this notice) For all current or past contracts deemed relevant, provide the following administrative reference information: (There is no page limit for this requirement.)

a. Company/Division Name

b. Program Title

c. Contracting Agency

d. Contract Number

e. A brief description of the contract effort.

4. f. Type of Contract

g. Delivery Date

h. Original Contract & Value and Current Contract & Value

i. Name, address and telephone number of Government Program Director/Manager, Administrative Contracting Officer (ACO) and Procuring Contracting Officer (PCO).

Determination by the Government not to compete this proposed contract based on responses to this notice is solely within the discretion of the Government.

Important information:

The Government is not obligated to nor will it pay for or reimburse any costs associated with responding to this sources sought synopsis request. This notice shall not be construed as a commitment by the Government to issue a solicitation or ultimately award a contract, nor does it restrict the Government to a particular acquisition approach. The Government will in no way be bound to this information if any solicitation is issued. The North American Industry Classification Systems (NAICS) code for this requirement is 811219 (Other Electronic and Precision Equipment Repair and Maintenance) with a Small Business size standard of \$20.5 million.

Response Date:

Any offeror capable of providing this service shall notify the Contracting Officer by email no later than July 6, 2016,

2:00 PM EST.

All information is to be submitted via e-mail to: richard.williams18@va.gov.

Attachment

Type: Other (Draft RFPs/RFIs, Responses to Questions, etc..)

Posted Date: June 28, 2016

<https://www.vendorportal.ecms.va.gov/FBODocumentServer/DocumentServer.aspx?DocumentId=2835766&FileName=VA528-16-Q-0271-000.docx>

Description: VA528-16-Q-0271 VA528-16-Q-0271.docx

Additional Info:

[Dept of Veterans Affairs](#)

Contracting Office Address:

Department of Veterans Affairs;Network Contracting Office 2;1304 Buckley Road;Suite C104;Syracuse NY 13212-4311

Place of Performance:

Dept of Veterans Affairs;Syracuse VA Medical Center;Engineering;800 Irving Avenue;Syracuse NY 13210-2716
USA

Point of Contact(s):

Richard Williams

[Contracting Officer](#)

ALL FILES

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Jun 28, 2016

[VA528-16-Q-0271 VA52](#)

Opportunity History

- **Original Synopsis**

Jun 28, 2016

2:37 pm