

Resolution 17-005

**RESOLUTION AUTHORIZING EXECUTION OF A CONTRACT FOR  
ANNUAL GENERATOR MAINTENANCE SERVICES**

WHEREAS, the Rockaway Valley Regional Sewerage Authority (the "Authority") requires on-call and annual service to its Gas Turbine Driven Generator Sets; and

WHEREAS, the Authority has found it necessary to contract with an outside vendor to provide these services; and

WHEREAS, in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11A-1 et seq., when the cost or price of any contract awarded by the contracting unit does not exceed the bid threshold, the contract may be awarded by the contracting unit without public advertisement for bids; and

WHEREAS, as set forth in the Quotation Record Form dated December 13, 2016 attached hereto and made a part hereof, at least two competitive quotations were sought for the performance of on-call and annual PM generator services and in response the Authority received the lowest proposal from Highlands Industrial Turbine Service, Inc., attached herein, having a business office at 919 Highway 33, Suite 30, Freehold, New Jersey for annual inspection and other needed services not to exceed \$20,000.00 to be billed at the following rates of \$125.00 per hour straight time, \$188.00 per hour overtime and \$250.00 per hour Sunday's and Holiday's; and

WHEREAS, funds are available for this purpose at line item 01-503-240

NOW, THEREFORE, BE IT RESOLVED by the Rockaway Valley Regional Sewerage Authority as follows:

1. That the Executive Director is hereby authorized to execute an Annual Generator Maintenance Service agreement between Highlands Industrial Turbine Service, Inc., having a business office at 919 Highway 33, Suite 30, Freehold, New Jersey and the Rockaway Valley Regional Sewerage Authority, in the not to exceed amount of \$20,000.00.
2. This Resolution shall take effect as provided by law.

**CERTIFICATION**

I do hereby certify that this Resolution was adopted at a regular scheduled meeting of the Rockaway Valley Regional Sewerage Authority held on January 12, 2017

on motion of: Glenn Corbett

Second by: Michael Guadagno

ROLL CALL VOTE:

YEAS: (7) Andes, Cegelka, Corbett, Guadagno, Lowell, Rossi, Schorno

NAYS: (0) None

ABSTAIN: (1) Vincitore

ABSENT: (1) Recchia

A handwritten signature in cursive script, reading "Michael Guadagno", written over a horizontal line.

Michael Guadagno  
Board Secretary

Highlands Industrial Turbine  
Service, Inc. 12/13/16

**STANDARD MAINTENANCE PROPOSAL**

**FOR**

**ROCKAWAY VALLEY REGIONAL SEWERAGE  
AUTHORITY  
99 GREENBANK ROAD  
BOONTON, NEW JERSEY 07005-9602**

**EQUIPMENT COVERED**

**TWO SOLAR SATURN® GSE-1000  
GAS TURBINE DRIVEN GENERATOR SETS**

## **AGREEMENT**

1. The "customer" (or Equipment Owner) has installed on property under his control certain equipment, which he wishes to obtain preventative maintenance for. Highlands Industrial Turbine Service, Inc. as outlined herein offers the preventative maintenance.
2. After reviewing the condition of your equipment or reviewing your specifications for the equipment, the following schedule is recommended to minimize the need for corrective or repair maintenance.

**Annual inspection with routine maintenance and load test utilizing normal facility load. The exact date of the service to be mutually agreed to a minimum of 48-hours prior.**

### **1<sup>st</sup> VISIT**

3. EQUIPMENT NOT OPERATING:
  - A. Review Operating Logs and Trouble Logs for indication of existing discrepancies.
  - B. Perform visual inspection of the equipment, checking for fire or safety hazards, fuel or oil leaks, chafing, rubbing or interference of tubing, wire or electrical conduits.
  - C. Dynamically or statically check operation of all engine protective devices to insure operation within manufacturer's recommended specifications. These include but are not limited to:
    1. Preliminary and high exhaust temperature shutdown.
    2. Overspeed shutdown.
    3. Back-up overspeed shutdown (if equipped).
    4. Low lube oil pressure.
    5. High lube oil temperature shutdown.
  - D. Check integrity and cleanliness of the inlet and exhaust ducting. Check proper operation of inlet or exhaust dampers (if installed).
  - E. Check start and control batteries for cleanliness, connection security and electrolyte level. Add water and clean terminals as required.
  - F. Check lubricating oil level in oil reservoir. Add customer supplied oil if necessary.
  - G. Obtain sample of lubricating oil for laboratory testing.

- H. Remove, inspect, clean and replace as necessary all low-pressure package fuel filters.
- I. Remove, inspect, clean and replace as necessary all high-pressure package fuel filters.
- J. Remove, clean and inspect any customer installed pre-filtration devices. Replacement pre-filter elements will be customer furnished.
- K. Remove, clean and inspect the igniter plug and visually inspect all components of the ignition system.
- L. Perform general inspection of the installation site and all support systems and advise any discrepancies found.

4. **EQUIPMENT OPERATING:**

- A. Check and compare operation of the volt, frequency, ammeter, power factor and kilowatt meters against standard test instruments.
- B. Observe the turbine under no load operation and check for abnormal noise and vibration. Record all installed instrument, pressure and temperature readings on the engine operating history log.
- C. Perform a minimum one-hour full load test utilizing normal facility load (if available). During run record all installed instrument readings on the permanent engine log. Record compressor discharge pressure and lube oil tank vent pressure using test gauges installed for the purpose. Obtain a copy of the readings for performance evaluation purposes.
- D. Perform a vibration signature of the major engine components under load conditions. Note any abnormal levels and immediately advise operations personnel.
- E. Instruct operating personnel in the safe and proper operation of the equipment and answer any questions related to operation.

**2<sup>nd</sup> VISIT**

- A. Perform a minor inspection approximately six months after maintenance. This will include a general inspection, testing of generators under normal plant loads and obtaining vibration analysis. This visit will be limited to one 8 hour working day, including travel times.

5. CUSTOMER ASSISTANCE:

A representative of the customer shall be on site at all times that work is being performed. This individual may be asked to assist from time to time in those operations requiring more than one person to accomplish and to operate the equipment during those periods when it is necessary to run the engine.

While working on customer's premises, customer shall grant Highlands Industrial Personnel access to rest room facilities and shelter from severe inclement weather.

6. WARRANTY:

Highlands Industrial Turbine Service, Inc. warrants the labor provided under the inspection agreement. Remedy of disputes is limited to re-inspection upon agreement that the labor was performed in a shoddy and non-workmanship like manner. Parts used during the accomplishment of the inspection will be warranted to the extent that the original manufacturer warrants the part.

The above warranty is in lieu of all warranties, expressed or implied. In no event shall Highlands Industrial Turbine Service, Inc. be liable for incidental or consequential damages or loss of revenue or profits resulting from failure to report deficiencies in the equipment or installation site; or resulting from malfunction of parts installed during the execution of the services.

7. ADDITIONAL SERVICES: *SERVICE RATES*

A. Work over and above the tasks defined above will be charged at our published rates of **\$125.00 per hour straight time; \$188.00 overtime per hour time and one-half; and \$250.00 Sundays and Holidays**. Additional services would include troubleshooting and parts replacement necessary to restore a unit to operating condition or to perform other work as directed by the customer representative. Any additional work request by the customer representative shall be deemed as approved by customer management and payment of invoices is expected.

B. **All emergency service calls will be taken on a first call, first serve basis.**

8. PAYMENT TERMS:

Payment of proper invoice is required Net 30 Days. The invoice will be submitted with our Inspection Report within 2 weeks following the inspection.

The quoted price does not include any state, federal or local sales taxes that may be applicable. If work is tax exempt, a bonafied Tax-Exempt Certificate must be filed with Highlands Industrial Turbine Service, Inc.

9. INSURANCE:

Highlands Industrial Turbine Service, Inc. maintains in effect the following minimum insurances:

|                                  |                  |
|----------------------------------|------------------|
| Comprehensive General Liability  | \$1,000,000.00   |
| Automobile Liability             | \$1,000,000.00   |
| Excess Liability Umbrella Policy | \$2,000,000.00   |
| Worker's Compensation            | Statutory by Law |

10. QUOTATION PRICE:

The basic services outlined herein will be performed for the quoted price  
**\$ 5,910.00**

The above maintenance agreement has been reviewed, modified as necessary and is agreed to by both parties.

Accepted by:

Accepted by:  
HIGHLANDS INDUSTRIAL TURBINE  
SERVICE, INC.

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_