

ADDENDUM NO: 3

REQ NO: 153533

FINAL SUBMITTAL: August 2, 2017 2:00 PM EST

FINAL QUESTIONS: July 14, 2017 2:00 PM EST

Department: Facilities Management, Public Works

Changes to Bid No. 304730:

Per meeting the evaluation team had, the following is to occur:

Bid Form has been changed to add “Cost per Gallon for Fuel Polishing”.

Appendix A with List of Generators has been updated

The following changes we made to the specifications:

- 1. Changed 1.6 from Insurance to General Terms and Conditions.**
- 2. Added to 1.6 Link to Purchasing General Terms and Conditions.**
- 3. Added to 1.6 to allow Tennessee Government Agencies to “piggyback” off this contract.**
- 4. Added to 2.2.2, B, Fuel System additional Fuel Polishing verbiage.**
- 5. Added to 3.2, All Tickets shall be signed by City personnel and invoice shall include a copy of the signed work order.**

Req No: 153533 Generator Maintenance & Repair Services

PLEASE SIGN ONE (1) COPY OF ADDENDUM AND RETURN TO THE PURCHASING DEPARTMENT. RETAIN THE OTHER COPY FOR YOUR FILES.

Name: _____

Company: _____

**CITY OF CHATTANOOGA
PURCHASING DEPARTMENT
Mark McKeel
City Hall Suite G13
CHATTANOOGA, TN 37402
TELE: (423) 643-7236
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Specifications for City Wide To Supply Annual Generator Maintenance and Repair Services

City of Chattanooga

1.0 General

1.1 Scope of Services

The Scope of Services included in these Specifications shall be for all labor, benefits, equipment, fuel, and any other related expenses necessary to provide generator annual maintenance services and generator repair services for the City of Chattanooga, City Wide. A listing of all current generators covered by these specifications is given in Appendix A.

It is the responsibility of each bidder to visit the sites to become familiar with and have a working knowledge of all types, sizes, and quantities of generators which are to be serviced under these specifications.

This shall be an 'All Inclusive maintenance contract' it shall be the responsibility of the successful bidder to make any and all repairs.

Any questions or comments related to the services described in these specifications may be directed to Mark McKeel, Buyer at 423-643-7236 or by email, mmckeel@chattanooga.gov.

1.2 Basis of Bidding

The Contractor shall submit on attached form (Appendix B) and shall list all prices as described herein. The Bid shall include three (3) parts: One (1) price shall be given for annual maintenance service (as described in Section 2.2.2) for each generator listed in Appendix A. An additional cost per hour price shall be given for labor and equipment to perform repair services on an as-called basis, not covered under the annual maintenance visit (as described in Section 2.2.3). Prices shall be given for both non-emergency and emergency services. Pricing shall also be given which indicates the percent markup on parts required for repair services not covered under the annual maintenance visit (as described in Section 2.2.4). All parts supplied by the Vendor under this contract shall be new parts, not refurbished, unless with the express written consent of the departments designated representative.

The cost for all services shall include any and all costs for wages, benefits, indirect costs, overhead and profit, insurance, and any other related direct or indirect cost. The cost for all services shall include any and all equipment necessary to perform the work described herein. Hourly rates start once the contractor is onsite for all work including emergencies and stop when the contractor leaves the site for the day. No travel time, vehicle allocations, or any other pay item not specifically listed on the bid form will be paid. The Vendor shall also provide hourly rates for overtime/emergency service and holiday work for the various work described herein.

The City of Chattanooga reserves the right to reject any and/or all bids, to waive any information in Bids received, and to accept any Bid which in its opinion may be in the best interest of the City.

The City of Chattanooga reserves the right to award to multiple vendors.

1.3 Submittals

1.3.1 Bid Bond

Not Required

1.3.2 Performance Bond

Not Required

1.3.3 References and Experience

A. References

1. The Vendor shall submit a list of five (5) customers for whom the Vendor has performed generator maintenance and repair services during the past three (3) years and provided labor and equipment and materials to perform similar services.
2. The list shall include names, addresses, telephone numbers, and contact person who is knowledgeable of services provided.

B. Experience

1. The Vendor shall submit a brief company history of providing the specified services.
2. The Vendor shall provide a brief description of its service facilities and the work performed there.
3. The vendor shall provide a description of its work force including number of skilled personnel and their length of service with the company.
4. The Vendor shall provide a list of generator manufacturers for whom it serves as a factory authorized repair and service facility.

1.4 General Conditions and Instructions to Bidders

The Vendor shall comply with rules and conditions found in the City of Chattanooga, Purchasing Department's "General Conditions and Instructions to Bidders" that are a part of the Invitation to Bid for the equipment and/or services specified herein.

1.5 Length of Contract

The Contract for services described herein shall be for a period of one (1) year beginning the effective date of the award of the Contract. The Vendor shall provide firm rates for the first year of the Contract.

The City shall have the option of extending the Contract for two (2) additional one (1) year periods.

1.6 General Terms & Conditions

Any contract resulting from this Invitation to Bid will be subject to the City of Chattanooga's Standard Terms and Conditions.

<http://www.chattanooga.gov/purchasing/standard-terms-and-conditions>

Any exceptions to said Terms and Conditions must be submitted with Bid response.

Bidders shall state any exceptions to or deviations from the terms of this Invitation to Bid and the Standard Terms and Conditions. Where bidder wishes to propose alternative approaches to meeting the City's technical or contractual requirements, these should be thoroughly explained. The Contractor shall be bound to accept all stated terms not excepted in its proposal.

City reserves the right to accept or reject any or all exceptions / deviations at its sole discretion. City reserves the right to reject excepted or conditional proposals at its sole discretion.

Any resulting contract shall be open to other Tennessee governmental agencies (including school districts) as a "piggyback contract", based on mutual agreement of the other governmental agency and the Bidder. Other agencies, under separate agreement, are allowed to purchase the same items, at the same terms and conditions as this proposal, during the period of time that this contract is in effect. Potential contractual liability matters resulting from any "piggyback contract" shall be the sole responsibility of the other Tennessee governmental agency placing the order.

1.7 Warranty

The Vendor shall warrant and guarantee the work performed for a period of one (1) year following completion of the work. The work shall be guaranteed and warranted against defective workmanship and materials.

2.0 Services and Other Requirements

2.1 General

2.1.1 Sole Vendor

The Vendor shall not subcontract the services or assign the contract to others without the written consent of the City of Chattanooga.

2.1.2 Compliance with Applicable Regulations

All of the services provided by the Vendor shall be completed in a good and workmanlike manner. All services provided shall be in compliance with all applicable statutes, rules, ordinances and regulations of, but not limited to, the USEPA, TOOT, OSHA, and any similar federal, state, and local laws or regulations applicable to the Vendor or to the services described herein.

The Vendor's personnel shall comply with all City work rules and regulations when onsite.

2.1.3 Inspection

The services furnished by the Vendor shall be subject to inspection and approval by the City's designated representative, but the manner and method of providing the services shall be the responsibility of the Vendor.

2.1.4 Failure to Provide Services and Termination of Contract

In the event the Vendor:

- A. Fails to initiate services on the date specified or otherwise agreed to;
- B. Fails to provide all of the required documentation for his/her personnel, insurance, and any other documentation required by these Specifications at the specified times;
- C. After having begun services, abandons them for any reason;
- D. Suspends or refuses to continue services; or
- E. Defaults in any manner in the performance under the terms of the Contract for a period of thirty (30) days (unless the Vendor is prevented from continuing for reasons beyond its control);

The City of Chattanooga shall have the right to terminate the Contract immediately upon the written notification by the City for the reasons listed above and the City shall complete the Contract or have the services completed by another vendor in any reasonable manner at the Vendor's expense.

The City shall have the right to terminate the Contract without cause after giving a thirty (30) day written notice to the Vendor.

2.2 Description of Contracted Services

2.2.1 General

The Vendor shall provide all labor, parts; equipment, fuel, materials and any other related expenses necessary to provide the generator maintenance and repair services described herein City Wide. The City has multiple manufacturers' brands of generators, it will be the responsibility of the approved vendor to complete 'All' repairs including repairs where "Proprietary Software" is required to flash or update a computer incorporated into any Generator.

- B. For the annual maintenance services described in Section 2.2.2, the City will attempt to schedule the work to optimize the use of the Vendor's technicians and equipment when it is needed. The Vendor shall provide the repair services described in Section 2.2.3 on an "as needed" basis as requested by the City.
- C. Vendor shall perform work on straight line, i.e., non-emergency, unless otherwise noted. Overtime, weekend, or holiday work shall only be performed at the City's direction.

2.2.2 Annual Maintenance Services

- A. The Vendor shall provide **annual maintenance services** described below to all generators listed in Appendix A at the location of each generator. Arrangements will be made for Vendor to be accompanied to the each site by a City representative for access. The Vendor and City representative will mutually agree as to when these services are to be performed.
- B. **Annual Maintenance Services** shall consist of all the following:

Fuel System

- Inspect day tank and/or main tank for operation, fuel condition and contaminants. Fuel samples shall be gathered for a Fuel analysis. **Fuel Polishing** shall be performed based on analysis.
- Change fuel filter element(s).
- Inspect engine fuel system / All types, including governor and linkage.

- Check and record fuel pressure.
- Locate, drain, clean or replace fuel separator.
- **Fuel Polishing** shall be priced on a per gallon rate.
- **Fuel Polishing** is defined as the removal of water, sediment, non-combustible particulate matter and microbial contamination below levels stated in ASTM D975 (Standard Specification for Diesel Fuel Oils) while resuspending combustible particulate matter to maintain ASTM standards for BTU value, lubricity, and Cetane.
- **Fuel polishing** uses centrifuges, coalescers, fuel conditioners, and – yes – filters to remove non-combustible particulate matter (sand, dust, cigarette wrappers, lady bugs, etc.) from fuel. In short, everything that wasn't really supposed to be there in the first place. Because water is heavier than fuel, the centrifuges and coalescers do a good job of removing that, too. We then use water blocking filters to pick up the last little bit of suspended – or “entrained” – water available.
- The primary difference between fuel polishing and fuel filtration is that fuel polishing acknowledges that fuel itself can degrade and cause solids. Fuel filters will simply pull the solids out because they plug up filters whereas fuel polishers break down the combustible solids so that the fuel stays within the industry specifications.

Lubricating Oil System

- Obtain oil samples analysis.
- Drain and replace engine crankcase oil.
- Replace oil filter(s).
- Check and record oil pressure (PSI).
- Inspect complete engine and lubricating system for signs of leakage.
- Ensure make-up oil is available.
- Check operation of pre-lube pump.
- Replace governor oil in reservoir.

Cooling System

- Check coolant and condition. Record readings and replenish as required.
- Check external condition of radiator for debris and signs of leakage.
- Visually inspect all water hoses for deterioration, damage and/or leakage.
- Inspect water pump for leaks.

- Inspect condition of fan belt(s). Adjust if required.
- Inspect fan hub bearing for movement and lubricate.
- Inspect condition and operation of intake and exhaust louver(s) and/or grill(s).
- Inspect condition and operation of engine jacket water heater(s).
- Check cooling system operation temperature with infrared heat gun, record and verify gauge calibration.
- Replace coolant filter(s) and/or element(s).
- Inspect radiator pressure cap.
- Check coolant and temperature shutdowns.
- Coolant Testing is required and must meet OEM, TMC and ASTM specifications.

If your Generators uses a conventional coolant (also known as a heavy-duty or fully formulated coolant), one of the drawbacks is it requires testing and additive supplementing. Some manufacturers suggest testing every six months. Additives need to be tested because they are sacrificial in nature and are being used up during the operation of the engine.

Testing is one of those tasks that's easy to overlook and often difficult to accurately conduct. Typically it involves a trip to the local service center, but you can also buy test strips, and assuming you use them properly and don't let them expire (yes, they have a shelf life), you can check your coolant's condition.



There are two types of test strips and additives, so you have to use the correct test strip depending on which additives your coach is using.

Alliance/Fleet Charge and Detroit Diesel Power cool use nitrates. A two-way test strip should be used when testing these coolants. There are three-way test strips that measure freeze point, molybdates and nitrates. If you use the wrong test strip it could result in incorrect results and improper dosing.

If you test your coolant additive

levels and find them to be out of spec, you will need to restore them with the addition of a product such as Fleetguard DCA2 (DCA4 includes molybdates), Penray Pencool or others. Again, it is important to determine what products meet your engine and coolant manufacturer's specifications. Additives can be purchased at most large chassis service centers as well as truck stops.

Exhaust System

- Inspect exhaust system (muffler, pipes, and connections) for leakage and overall condition.
- Inspect turbocharger shaft for excessive movement (end play and side movement).

Air Intake System

- Inspect air intake restriction indicators.
- Inspect and clean crankcase breather filter(s).
- Visually inspect air intake system piping, hoses and clamps for deterioration and leakage.
- Inspect condition of air cleaner element(s) bath type air filter(s) – clean and/or replace.
- Clean and inspect air intake pre-cleaner.

Engine Control System

- Inspect all gauges and meters.
- Inspect generator control cabinet both externally and internally.
- Inspect all connections in control cabinet for tightness.
- Check and adjust over speed safety shutdowns.
- Check engine starter(s).
- Check circuit breakers and fuses.
- Test auto start/stop system.
- Adjust electrical governor control.
- Check engine charging/alternator system.
- Check battery charger operating system.
- Check system batteries. Add fluid if required. Load test and record.
- Clean and inspect battery terminal and cables.

Engine Ignition System

- Inspect spark plugs – replace if needed.
- Inspect all ignition wiring.
- Inspect ignition cap and rotor.
- Inspect ignition points and condenser.

Generator System

- Inspect generator winding, clean as required with compressed air.
- Inspect and lubricate generator bearing if required. Note condition of end plate.
- Inspect all connections for tightness at breaker, voltage regulator and generator windings.
- Inspect brushes and slip rings.
- Inspect circuit breaker.

Transfer Switch

- Check operation of exerciser and replace 9-volt battery if required.
- Inspect and clean as required internally.
- Verify and replace as required.
- Test lamps.
- Test switch operation under customer's load with approval of City representative.
- Must be scheduled prior to testing.

General

- Inspect for soundness all isolator and mounting pads.
- Inspect for signs of rodent(s) and other unwanted pests.
- Check and record any other conditions of note; deterioration, rust, leakage, vibration and noise.
- Inspect overall cleanliness of work area.
- Check to be sure that control panel is left in automatic mode.
- Record findings, notify City representative in writing within two (2) hours of the service time completion of additional service work needed with quote of additional needed services and record for follow-up purposes.
- Provide City representative with copy of recorded findings resulting from these annual maintenance services.
- Secure all equipment and site access as required at the completion of each service.

Load Testing

- All generators shall be load tested annually for a minimum of 1 hour. Must be scheduled prior to testing.

2.2.3 Generator Repair Services

- A. Vendor shall provide **generator repair services** on an "as needed" basis as requested by the City. Vendor shall designate a representative to be contacted whenever the City requests such service. Vendor shall provide the non-emergency requested services within forty-eight (48) hours of request by the City, unless other arrangements are mutually agreed upon. All non-emergency repair services requested by the City will be scheduled for normal working hours and will be paid at the hourly rate stated on the Vendor's bid form for these services.
- B. Vendor shall provide all labor, benefits, equipment, fuel, tools and any other related expenses necessary to perform these services. Parts required for these services shall be paid at their documented cost plus markup stated on Vendor's bid form.
- C. **Emergency repair services** and services requested after hours, weekends or holidays will be paid at Vendor's hourly rate given on the bid form for these time periods. Emergency repair services shall be considered those requested by the City within four (4) hours of notification of Vendor.

2.2.4 Replacement of Parts

All parts required in performance of the services covered under Section 2.2.3 shall be paid for at their documented cost plus Vendor's markup as stated on Vendor's bid form. Vendor shall provide documentation of cost of parts with submission of invoices.

2.2.5 City Supplied Services

The City will provide the following services:

- 1. A designated representative to authorize repair services.
- 2. Access to City facilities covered by these specifications.

2.2.6 Additional Generator Sites/Services

Any locations acquired or newly installed by the City of Chattanooga after the bid award date will be covered under this contract. Vendor will notify buyer of the location, address, brand/mfg., model number, serial number, KW, fuel type and model year if available.

3.0 Execution

3.1 Contract Starting Date

The Contract for the full services shall begin immediately on the effective date of the award of the Contract.

3.2 Payment of Services

All tickets shall be signed by City personnel and invoice shall include a copy of the signed work order.

Payment will be made according to the City's normal payment procedures.

Appendix A
List of Generators - City Wide

| Site Name | Address | Brand/Mfg | Model No. | Serial No. | KW | Fuel | Year |
|---------------------------------------|---|-----------------|-----------------|------------------|--------|-------------|------|
| 19th Street CSO | 1504 Riverfront Parkway | Olympian | G30F1 | G0527A1001 | 30 | Natural Gas | 2001 |
| Admin Building - Moccasin Bend | 455 Moccasin Bend Road | Kohler | GM87384-TP1 | 1013122168/112 | 500 | Diesel | 2016 |
| Altamont | 2406 Highpoint Drive | Cummins | DQDAC-1219091 | B130459981 | 300 | Diesel | 2013 |
| Big Ridge #11 | 5733 Lake Resort Terrace | CAT | 8L55 | 100TH438 | 150 | Diesel | 1999 |
| Big Ridge #12 | 5840 Lake Resort Terrace | Onan | DGCA-3380397 | J990999592 | 50 | Diesel | 1999 |
| Big Ridge #2 | 4600 Gann Store Road | Onan | 50DD-6D | A820607578 | 175 | Diesel | 2015 |
| Big Ridge #6 | 1902 Wisteria Drive | Onan | DGDA | K960823143 | 175 | Diesel | 1996 |
| Bleach Farm | 455 Moccasin Bend Road | CAT | 382-3984 | A-00002749 | 175 | Diesel | 2016 |
| Carter Street CSO | 2701 Chestnut Street | Onan | 20GGDB | 6980770024 | 20 | Natural Gas | 1997 |
| Central Avenue CSO | 2700 Market Street | Olympian | D40P1 | E4265A001 | 40 | Diesel | 2000 |
| City Landfill PS-1 | 9327 Birchwood Pike | Kohler | 80RZ | 661350 | 80 | Propane | 2000 |
| City Landfill PS-3 | 9327 Birchwood Pike | Kohler | 100R7272 | PA-187441 | 100 | Propane | 1998 |
| City Landfill PS-4 | 9327 Birchwood Pike | Cummins | GGHF-5788171 | A070015462 | 75 | Propane | 2007 |
| City Landfill Flair | 9327 Birchwood Pike | ONAN | DSGAD-1207079 | F120356208 | 175 | Diesel | 2012 |
| City Landfill Flair Extra | 9327 Birchwood Pike | Kohler | 80RZ272 | 368155 | 80 | Propane | 2012 |
| Collegedale | 7817 Old Lee Highway | Marathon | 502F8505 | KM95492 | 500 | Diesel | 1975 |
| M.L.K. CSO | 1015 Riverfront Parkway | Olympian | D100P1 | OLY0000KNPS00652 | 100 | Diesel | 1999 |
| Mountain Creek | Baylor School Road | Cummins | DQDAA-7211917 | G080194775 | 250 | Diesel | 2008 |
| O & C Bldg | 455 Moccasin Bend Road | Onan | 175DGF | D950574322 | 175 | Diesel | 1995 |
| Portable Unit #1 I/I Bldg | 455 Moccasin Bend Road | Onan | 175DGF | F940546586 | 175 | Diesel | 1994 |
| Portable Unit #2 I/I Bldg | 455 Moccasin Bend Road | Onan | 175DGF | H960612678 | 175 | Diesel | 1996 |
| Portable Unit #3 I/I Bldg | 455 Moccasin Bend Road | Onan | DGFB-3373828 | F990926077 | 175 | Diesel | 1999 |
| Portable Unit #4 Eastgate PS | 5630 Brainerd Road | Cummins | DSHAB-5685127 | I100154816 | 175 | Diesel | 1963 |
| Portable Unit #5 Influent Relief PS | 122 Rowland Gap Road | CAT | 3512B | CMC01839 | 1500 | Diesel | 2016 |
| Ringgold PS | 75 Christian Road | Cummins | DFEK-5768377 | I060975379 | 500 | Diesel | 2007 |
| South Chickamauga PS | 4020 N. Hawthorne Street | Cummins | DSFAE-1207534 | F120356216 | 80 | Diesel | 1995 |
| Spring Creek PS | 250 Vero Beach Avenue | Onan | DGFB-3373828 | E980746353 | 175 | Diesel | 1999 |
| Summit #1 PS | 4900 Woodland Drive | Kohler | 100REOZJD | 2228884 | 100 | Diesel | 2003 |
| Tiftonia #1 | 1006 Browns Ferry Road | Clark Tower | 250D-JWMM-NAD | RG6090L101126 | 250 | Diesel | 1984 |
| Warner Park CSO | 1254 E. 3rd Street | Kohler | 30RZGB | 2230564 | 30 | Natural Gas | 2008 |
| West Chickamauga PS | 282 Ann Drive, Rossville | Detroit D | 300DSED | 2171550 | 270 | Diesel | 2009 |
| Williams Street CSO | 2705 Williams Street | CAT | D8L1S | EAF1000751 | 8 | Diesel | 1998 |
| City Hall | 101 East 11th Street | Onan | GGHH-5628494 | G0305-25921 | 100 | Natural Gas | 2003 |
| CFD Station Hall #1 | 218 E. Main Street - Downtown | Olympian | D50P1 | F4804A001 | 50 | Diesel | 2000 |
| CFD Station Hall #3 | 5 Francis - Lookout Valley | Cummins | DSGAC-8289871 | K110289740 | 150 | Diesel | 2000 |
| CFD Station Hall #4 | 2181 Curtis Street - East Chatt | Cummins | DSHAD-7631715 | C090236114 | 230 | Diesel | 2000 |
| CFD Station Hall #7 | 6911 Discovery Drive - Enterprise South | Kohler | 150REOZJD | 2283710 | 80 | Diesel | 2000 |
| CFD Station Hall #9 | 3250 8th Avenue - East Lake | Cummins | GGHH1344168 | A140616794 | 100 | Natural Gas | 2014 |
| CFD Station Hall #10 | 910 Wisdom Street - Amnicola | KATOlight | SD200J16T3 | 175772-0608 | 200 | Diesel | 2008 |
| CFD Station Hall #11 | 6418 Hixson Pike | Kohler | 150REOZJF | SGM32FLJ2 | 154 | Diesel | 2016 |
| CFD Station Hall #16 | 1033 Lupton Drive - Rivermont | Cummins | DGHE-7651667 | D090238428 | 50 | Diesel | 2000 |
| CFD Station Hall #21 | 7700 East Brainerd Road - East Brainerd | Cummins | DGHE-7651664 | D090238429 | 50 | Diesel | 2000 |
| CFD Resource Bldg | 3211 N. Belle Arbor Avenue | Generac | 15107790100 | 8002230 | 20 | Diesel | 2000 |
| Fire Training Center F615 | Trailer Mounted | WhisperWatt | DCA-07501 | 7351086 | 56 | Diesel | 2009 |
| 12th Street Service Station | 12th and Park Avenue | Briggs/Stratton | 1815 | 98447 | 8 | Natural Gas | |
| Rec Ctr South Chatt | 1151 W. 40th Street | Generac | 1603410100 | 2063240 | 350 | Diesel | 2012 |
| City Wide Services | Park Avenue & 11th Street | Kohler | 150REDZJB | PE6068H341519 | 160 | Diesel | |
| Tivoli Theatre | 709 Broad Street | Onan | 20DL4L1337D | C880105220 | 20 | Diesel | |
| Memorial Auditorium | 399 McCallie Avenue | Onan | 80DGDAL36159A | D900312333 | 80 | Diesel | |
| CPD Onion Bottom Station | 702 E. 11th Street | Cummins | 100GGHH | H120370480 | 100 | Natural Gas | 2012 |
| Police Service Center - PS415 | 3410 Amnicola Highway | IH/Onan | 55.0 KB-15R/12P | #0871326915 | 69 KVA | Natural Gas | 1973 |
| Network Operations Center | 332 Martin Luther King Blvd | Cummins | DQDAA-3276136 | B100096368 | 250 | Diesel | 2010 |
| Mobile Communications: | | | | | | | |
| Collegedale - Radio Shop | 4100 Stratton Lane | Generac | QTA02524ANSN | 5248979 | 25 | Propane | 2009 |
| Cross Mountain - Radio Shop | 165 Upper Airbase Lane, Briceville | Generac | QTA02524ANSN | 5691805 | 25 | Propane | 2009 |
| Evensville - Radio Shop | 1451 Wash Pelfrey Road, Dayton | Generac | QTA02524ANSN | 5319081 | 25 | Propane | 2009 |
| Nopone Valley - Radio Shop | 3500 Nopone Valley Road, Decatur | Generac | QTA02524ANSN | 5509258 | 25 | Propane | 2009 |
| North Bradley - Radio Shop | 4542 Frontage Road NW, Cleveland | Generac | QTA02524ANSN | 5874474 | 25 | Propane | 2009 |
| Star Mountain - Radio Shop | Cherokee National Forest, Etowah | Generac | QTA02524ANSN | 5479467 | 25 | Propane | 2009 |
| Buttermilk - Radio Shop | 212B Smith Waller Lane, Lenoir City | Generac | QTA02524ANSN | 5580439 | 25 | Propane | 2009 |
| Centerville - Radio Shop | 1840 Kimbrell Road, Lenoir City | Generac | QTA02524ANSNA | 6294058 | 25 | Propane | 2011 |
| Windrock - Radio Shop | 1940 Windrock Road, Oliver Springs | Generac | 11616590100 | 2105130 | 70 | Propane | 2009 |
| Lookout Mountain - Radio Shop | 100 Averill St., Lookout Mountain | ONAN | 60ENA | G970643578 | 60 | Natural Gas | 1996 |
| Signal Mountain - Radio Shop | 1118 James Blvd, Signal Mountain | ONAN | 60ENA | D96062640 | 60 | Natural Gas | 1996 |
| Brock Road - Radio Shop | 4035A Brock Rd., Chattanooga | ONAN | GGFN-5738134 | H050821621 | 35 | Propane | 2009 |
| Interop Trailer - Radio Shop | 3420 Amnicola Hwy, Chattanooga | ONAN | 10HDCAC42345C | G040665506 | 10 | Diesel | 2007 |
| New Generators: | | | | | | | |
| ESIP Pump Station | 7141 Discovery Drive - Enterprise South | CAT | LC5 | G5407629 | 300 | Diesel | 2015 |
| To Be Installed within 12 mos. | | | | | | | |
| East Brainerd Pump Station | Frawley Road, East Ridge, TN | Kohler | 300REOZJ | Not Available | 300 | Diesel | 2017 |

Bid Form
Section 2.2.2 - Annual Maintenance Services

Please fill in unit prices per generator for performance of annual maintenance services and cost per gallon for Fuel Polishing:

| Site Name | Brand/Mfg | Price for Annual Service | Cost per Gallon for Fuel Polishing |
|-------------------------------------|-------------|--------------------------|------------------------------------|
| 19th Street CSO | Olympian | | |
| Admin Building - Moccasin Bend | Kohler | | |
| Altamont | Cummins | | |
| Big Ridge #11 | CAT | | |
| Big Ridge #12 | Onan | | |
| Big Ridge #2 | Onan | | |
| Big Ridge #6 | Onan | | |
| Bleach Farm | CAT | | |
| Carter Street CSO | Onan | | |
| Central Avenue CSO | Olympian | | |
| City Landfill PS-1 | Kohler | | |
| City Landfill PS-3 | Kohler | | |
| City Landfill PS-4 | Cummins | | |
| City Landfill Flair | Onan | | |
| City Landfill Flair Extra | Kohler | | |
| Collegedale | Marathon | | |
| M.L.K. CSO | Olympian | | |
| Mountain Creek | Cummins | | |
| O & C Bldg | Onan | | |
| Portable Unit #1 I/I Bldg | Onan | | |
| Portable Unit #2 I/I Bldg | Onan | | |
| Portable Unit #3 I/I Bldg | Onan | | |
| Portable Unit #4 Eastgate PS | Cummins | | |
| Portable Unit #5 Influent Relief PS | CAT | | |
| Ringgold PS | Cummins | | |
| South Chickamauga PS | Cummins | | |
| Spring Creek PS | Onan | | |
| Summit #1 PS | Kohler | | |
| Tiftonia #1 | Clark Tower | | |
| Warner Park CSO | Kohler | | |
| West Chickamauga PS | Detroit D | | |
| Williams Street CSO | CAT | | |
| City Hall | Onan | | |
| CFD Station Hall #1 | Olympian | | |
| CFD Station Hall #3 | Cummins | | |
| CFD Station Hall #4 | Cummins | | |
| CFD Station Hall #7 | Kohler | | |
| CFD Station Hall #9 | Cummins | | |
| CFD Station Hall #10 | KATOlighT | | |
| CFD Station Hall #11 | Kohler | | |
| CFD Station Hall #16 | Cummins | | |
| CFD Station Hall #21 | Cummins | | |

| Site Name | Brand/Mfg | Price for Annual Service | Cost per Gallon for Fuel Polishing |
|---|-----------------|--------------------------|------------------------------------|
| CFD Resource Bldg | Generac | | |
| Fire Training Center F615 - Trailer Mounted | Whisperwatt | | |
| 12th Street Service Station | Briggs/Stratton | | |
| Rec Ctr South Chatt | Generac | | |
| City Wide Services | Kohler | | |
| Tivoli Theatre | Onan | | |
| Memorial Auditorium | Onan | | |
| CPD Onion Bottom Station | Cummins | | |
| Police Service Center - PS415 | IH/Onan | | |
| Network Operations Center | Cummins | | |
| Mobile Communications Generators: | | | |
| Collegedale - Radio Shop | Generac | | |
| Cross Mountain - Radio Shop | Generac | | |
| Evensville - Radio Shop | Generac | | |
| Nopone Valley - Radio Shop | Generac | | |
| North Bradley - Radio Shop | Generac | | |
| Star Mountain - Radio Shop | Generac | | |
| Buttermilk - Radio Shop | Generac | | |
| Centerville - Radio Shop | Generac | | |
| Windrock - Radio Shop | Generac | | |
| Lookout Mountain - Radio Shop | Onan | | |
| Signal Mountain - Radio Shop | Onan | | |
| Brock Road - Radio Shop | Onan | | |
| Interop Trailer - Radio Shop | Onan | | |
| New Generators: | | | |
| ESIP Pump Station | CAT | | |
| To Be Installed within 12 mos. | | | |
| East Brainerd Pump Station | Kohler | | |
| | | Total: | 0 |
| | | | 0 |

Bid Form

Section 2.2.3 A and B - Non-Emergency Repair Services

Please provide hourly rate for non-emergency repair services as described in Section 2.2.3, A and B:

Price per hour = \$ _____

Section 2.2.3 C - Emergency Repair Services

Please provide hourly rate for emergency repair services as described in Section 2.2.3, C:

Price per hour = \$ _____

Section 2.2.4 - Mark-up for Repair Parts not Covered by Annual Maintenance Services

Please provide percentage mark-up for repair parts as described in Section 2.2.4 that are not covered under Section 2.2.2 - Annual Maintenance services:

Percentage mark-up on parts = _____ %