

EXHIBIT A – SCOPE OF WORK/SERVICES
19-0450, GENERATORS FOR SEVEN (7) FIRE STATIONS (REBID)

The purpose of this solicitation is to select a licensed and qualified Contractor to install generators and transfer switches at the fire stations listed below.

Unless otherwise noted, the Contractor shall provide all required labor, material, equipment, plans, engineering, surveys, permitting and local and state inspections to provide 100% turnkey project. Change orders shall not be issued for incidental items or tasks that should have been reasonably construed to be part of the project by the Contractor.

Vendors are advised that this procurement action will be formalized by an agreement. A sample agreement is provided in Exhibit D of this Invitation to Bid.

Note: Any of the (7) stations receiving generators will need a minimum of 200 AMP electrical service. If power service upgrade is needed, this must be part of the bid package submittal.

GENERATOR SHALL:

- 1) The generator shall be 45 KW Single Phase Diesel Powered Generator and shall automatically power the building during power outages or brown outs. The generator shall also have the fuel capacity to operate for a minimum of 96 hours.
- 2) Unit shall comply with Local, State, and Federal regulations for permanent mount emergency generators.
- 3) Unit is to be rated for Standby Use”. Standby Use is defined as “emergency power for the duration of an outage. The average load factor of these gen sets is 70 percent, with a maximum operating time of 500 hours per year”.
- 4) Unit shall meet current EPA requirements for Federal Emission Regulations per Tier-2.
- 5) Generator shall be U.L. 2200 Listed
- 6) Unit shall be liquid cooled and capable of operating between -20° and 131° Fahrenheit.
- 7) Fuel tank shall be Underwriters Laboratories Listed 142 double wall self-containment and plumbed ready for operation with emergency vents and float level indicators.
- 8) Fuel tanks shall be sub-base mounted.
- 9) Fuel gauge shall be on mounted on the exterior in order to read without opening protective cover.
- 10) A light that indicates when the generator is running shall be installed on the outside of the unit.
- 11) The fuel tanks for the unit shall be a minimum of 96 hour operation capacity with a self-containment capability of 110%.
- 12) 120 Volt A.C. powered D.C. battery to maintain charger with Ammeter and float switch to prevent over charging.
- 13) D.C. starting battery with rack and cables installed.
- 14) All components shall be DC Volt:
Analog Engine/Generator Control panel: AC Ammeter, AC Voltmeter, Frequency Meter, Running Time Meter, Engine Oil Pressure Gauge, Water Temperature Gauge, Line Reading Selector Switch, Off/Auto/Manual Switch, Auto Start Engine

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- Controller with Fault Lights for Over Speed, Over Crank, Low Oil Pressure, and High Water Temperature.
- 15) Controller shall be capable of interfacing with the automatic Transfer switch.
 - 16) Sound attenuated weather resistant enclosure must be polyester powder coated galvanized steel, capable of wind force of up to 75 mph, gust wind of up to 150 mph, and rain exposure of up to 100mm/hr.
 - 17) Unit shall be supplied with a critical grade spiral type silencer mounted inside the weather resistant sound enclosure.
 - 18) Stainless steel exhaust flex.
 - 19) Alternating current brushless generator
 - 20) Thermally protected main line set mounted circuit breaker
 - 21) Steel channel skid-base vibration isolators
 - 22) Dry type air cleaner
 - 23) Engine block heater
 - 24) Safety shutdowns for high water temperature, low oil pressure, over speed and over crank.
 - 25) All units are to be factory load tested and certified
 - 26) Concrete pad designed and approved by the manufacturer for use with the generator
 - 27) Generator must be minimum of 15 feet away from building
 - 28) Automatic Transfer Shall be Supplied with an Automatic seven day generator exerciser (wire from switch to generator will be underground encased in conduit)
 - 29) A programmable timer for starting the generator - Programmed to run 3 hours every Wednesday from 9am -12 noon
 - 30) A generator status panel shall be installed in the station at a location chosen by Lake County Fire Rescue.
 - 31) Generator will be completely filled with off-road diesel after install
 - 32) All equipment, labor and material shall be warranted a minimum of two (2) years.
 - 33) At no additional cost to the County, the contractor shall provide training to County personnel in the proper and safe operation and preventative maintenance of the generator and automatic transfer switch.
 - 34) Lake County Fire Rescue shall choose location order of installation. See address locations below.

LOCATIONS

- 1) Fire Station 11: 47544 State Road 19, Altoona, FL 32702
- 2) Fire Station 19 (Battalion 20): 38816 Carroll Street, Umatilla, FL 32784
- 3) Fire Station 53: 2505 Spring Lake Road, Fruitland Park, FL 34731
- 4) Fire Station 70 (Training facility): 531 Sunnyside Drive, Leesburg, FL 34748
- 5) Fire Station 82: 24939 US Highway 27, Leesburg, FL 34748
- 6) Fire Station 83: 15303 Ferndale Community Road, Clermont, FL 34715
- 7) Fire Station B90 (Battalion 90): 609 Disston Avenue, Minneola, FL 34755

PERMIT AND LICENSE INFORMATION

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Contractor shall register and obtain all permits and licenses with the Lake County Office of Building Services prior to commencement of work. The Office of Building Services can be contact at (352) 343-9653 or by visiting online at the link below:

https://www.lakecountyfl.gov/offices/building_services/

COMPLETION OF WORK FROM DATE OF NOTICE TO PROCEED

As specified in the Statement of Work, the vendor shall state in its offer the number of calendar days from the date of the Notice to Proceed in which it will guarantee to complete the work, repair, or service. Time for completion may be considered in factor in determining the vendor to whom award will be made, if so stipulated in Section 8, Definition of Responsible and Responsive. The completion date must not exceed 180 calendar days after the effective date of the Notice to Proceed.

All work must be performed in accordance with good commercial practice. The work schedule and completion dates must be adhered to by the vendors, except in such cases where the completion date will be delayed due to acts of God, strikes, or other causes beyond the control of the vendor. In these cases, the vendor shall notify the County of the delays in advance of the original completion so that a revised delivery schedule can be appropriately considered by the County.

Should the vendors to whom the contracts is awarded fail to complete the work within the number of days stated in its offer, or the “not-to-exceed” timeframe cited above, it is hereby agreed and understood that the County reserves the authority to cancel the contract with the vendor and to secure the services of another vendor to complete the work. If the County exercises this authority, the County will be responsible for reimbursing the vendor for work which was completed and found acceptable to the County in accordance with the contract specifications. The County may, at its option, demand payment from the vendor, through an invoice or credit memo, for any additional costs over and beyond the original contract price which were incurred by the County as a result of having to secure the services of another vendor. If the incumbent vendor fails to honor this invoice or credit memo, the County may terminate the contract for default.

LIQUIDATED DAMAGES

Time is of the essence for this project. Any delays from the dates contained in the Agreement issued to the Contractor shall inconvenience the Public and result in monetary losses and damages to the County. The losses and damages shall be difficult to determine. In the event that the deliverables are not provided by the date set in the resulting Agreement, there shall be deducted, as agreed, fixed liquidated damages from the Agreement price being paid by the County. This computed sum shall be Five Thousand Dollars (\$5,000.00) per day, including Saturdays and Sundays.

BID BOND

All offers must be accompanied by a bid bond in the amount of 5% of base offer price, payable to the Board of County Commissioners of Lake County, Florida. Subsequent contract award will be conditioned upon the successful vendor submitting the stipulated performance and payment bond within fifteen (15) calendar days following notice of award, in the form and manner required by the County. Any offer which is not accompanied by a bid bond will be considered unacceptable and ineligible for award. In case of failure or refusal to submit the performance or payment bond

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within the time stated, the security submitted with the offer will be forfeited as liquidated damages because of such failure or default. All vendors will be entitled to the return of their bid bond within ten (10) calendar days after execution of a contract between the vendor and the County. The bid bond must be submitted on the form specified by the County (no other form is acceptable), and the general bonding provisions set forth in the performance/payment bond provisions included in this solicitation must be adhered to.

PERFORMANCE/PAYMENT BOND

The vendor to whom a contingent award is made must duly execute and deliver to the County a Performance and Payment Bond in an amount that represents 100% of the bid. The Performance and Payment Bond Form supplied by the County will be the only acceptable form for these bonds. No other form will be accepted. The completed form must be delivered to the County within 15 calendar days after formal notice of award. If the vendor fails to deliver the payment and performance bond within this specified time, including granted extensions, the County will declare the vendor in default of the contractual terms and conditions, and the vendor shall surrender any associated guaranty/bid provided by the vendor, and the County will not accept any offer from that vendor for a twelve (12) month period following such default.

The following specifications will apply to any bond provided:

- A. All bonds must be written through surety insurers authorized to do business in the State of Florida as surety, with the following qualifications as to management and financial strength according to the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey:

<u>Bond Amount</u>	<u>Best Rating</u>
500,001 to 1,500,000	B V
1,500,001 to 2,500,000	A VI
2,500,001 to 5,000,000	A VII
5,000,001 to 10,000,000	A VIII
Over 10,000,000	A IX

- B. On contract amounts of \$500,000 or less, the bond provisions of Section 287.0935, Florida Statutes will apply.
- C. For contracts in excess of \$500,000 the provisions of Section B will be adhered to plus the company must have been listed for at least three consecutive years on the Treasury List, or hold a valid Certificate of Authority of at least 1.5 million dollars and be on the current Treasury List. Surety insurers must be listed in the latest Circular 570 of the U.S. Department of the Treasury entitled "Surety Companies Acceptable on Federal Bonds," published annually. The bond amount must not exceed the underwriting limitations as shown in this circular.
- D. Surety Bonds guaranteed through U.S. Government Small Business Administration or Contractors Training and Development Inc. will also be acceptable.
- E. In lieu of a bond, an irrevocable letter of credit or a cash bond in the form of a certified cashier's check made out to the Board of County Commissioners will be acceptable. All interest will accrue to the County as long as the funds are being held by the County.
- F. The attorney-in-fact or other officer who signs a contract bond for a surety company must file with such bond a certified copy of power of attorney authorizing the officer to do so. The contract bond must be counter signed by the surety's resident Florida agent.

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**SPECIAL NOTICE TO VENDORS REGARDING FEDERAL AND STATE
REQUIREMENTS**

This purchase action is being supported in whole or in part by Federal or State funding, or both. Therefore, this solicitation and any resulting contract include provisions related to various specific federal and state requirements. All such clauses will be considered and treated as “flow-down” clauses that will be considered applicable to any prime contract and any subcontract associated with performance under the contracts resulting from this solicitation. Detailed review of all terms and conditions included in this solicitation is strongly encouraged to ensure that full compliance with all contractual requirements is considered during the solicitation response process, and throughout performance under the contract, at prime vendor and subcontractor levels. For any construction contract supported by state funding, the vendor shall give preference to the employment of state residents in the performance of the work on the project if state residents have substantially equal qualifications to those of nonresidents. The term “substantially equal qualifications” refers to a situation where the vendor cannot make a reasonable determination that the qualifications held by one person are better than the qualifications of another person. A vendor required to employ state residents must contact the Department of Economic Opportunity to post the vendor's employment needs in the state's job bank system.

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