



Lakeside Fire Protection District

12216 Lakeside Ave
Lakeside, CA 92040
Business (619)390-2350
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Donald H. Butz
Fire Chief

Request for Quote (RFQ) **Emergency Generator Preventative Maintenance** **Posted Date: July 11, 2024** **Filing Deadline: July 30, 2024**

Introduction

The Lakeside Fire Protection District (LFPD) is seeking Quotes from qualified Licensed contractors to do business in the State of California and County of San Diego for Emergency Generator Preventive Maintenance at four (4) LFPD locations. The LFPD Facilities that require maintenance include Fire Station 1, Fire Station 2/Administration Office, Fire Station 3, and Fire Station 26 (see *pages 8-11*).

General Requirements

The general requirements include, but are not limited to the following and serve as general minimum requirements for the proposal.

Contract Term

The District intends to enter a one (1) year agreement with the District's right to renew agreement for two (2) additional one (1) year periods, upon the same terms and conditions as provided in the agreement.

Required Licenses

The successful Contractor and any subcontractor(s) must possess a current and valid California Contractor State Licensing Board (CSLB) license(s) in the classification(s) required by law to perform the work.

Prevailing Wage

This project requires the payment of prevailing wages in accordance with California Labor Code as set by the California Department of Industrial Relations (*See Attachment A*).

Contractor Registration

Contractors submitting proposals on this project must be registered with the Department of Industrial Relations pursuant to the requirements of Sections 1725.5 and 1771.1 of the California Labor Code (*See Attachment A*).

Insurance

The contractor shall have liability, automobile, and workers compensation insurance which meets the District's requirements (*See Attachment B*).

Permits

The LFPD currently maintains the necessary permits.

Emergency Repair/After Hours Services

Contractor shall have the ability to respond to emergency repairs twenty-four hours a day, seven days per week. It will be at the sole discretion of the District to determine if a situation is an emergency or not. It is possible to have instances where an initial service is an emergency or after hour event, and the rest of the service is non-emergency.

Scope of Work

The scope of this contract is to provide routine, preventive, and emergency maintenance and repairs of LFPD generators at different locations throughout the District. The contractor will be responsible for furnishing any and all necessary parts, labor, field work, miscellaneous repair, travel time, expenses, and equipment necessary to do the work required (*see pages 8-11*).

Preventative Maintenance (quarterly)

Quarterly Maintenance shall include labor, materials, transportation, and disposal of any hazardous waste. It shall be performed during regular business hours, Monday through Friday between the hours of 7:00am and 4:30pm and shall include the following services:

1. Fuel System:

- Inspect fuel tank, lines, and fittings for wear and defects
- Check water level in main tanks
- Drain fuel water separator
- Check Operation of day tank
- Check fuel pressure if necessary
- Inspect the fuel injection pump, transfer pump and governor system for defects

2. Lubricating Systems:

- Check engine oil level (top off if needed)
- Check for oil leaks
- Check equipment for any fluid leaks (fuel, oil, coolant). Tighten fittings if needed.

3. Air Intake Systems:

- Check breather tubes
- Check air system piping
- Check condition of dry type cleaner
- Check air cleaners and filters for any restrictions or defects. Clean as necessary.

4. Engine Electrical System Checks:

- Check specific gravity
- Add distilled water (if necessary)
- Check operation of float charger
- Check and record battery voltage under load
- Check electrical wiring for signs of abrasion, chafing, and or corrosion at connectors
- Check and clean batteries to include terminals, Check electrolyte and specific gravity levels. Apply term In al preservative, Check battery cables and connections
- Inspect generator alternator for hen and wear. Blow dust out of the stator. Inspect bearing If possible
- Inspect auxiliary battery charger for proper operation. Adjust as necessary

5. Cooling System:

- Visually Inspect system
- Check coolant Level (top off as needed)
- Check radiator cap
- Check for coolant leaks
- Inspect the radiator fan, shroud, and radiator core fins for restrictions, cleanliness and or defects.
- Inspect all engine drive belts, pulleys and hoses for defects. Adjust belts if necessary.

6. Exhaust Systems:

- Check condition of exhaust system (connections, manifold, piping)
- Check the condition of the turbocharger for tolerance and freedom of movement.
- Check for exhaust leaks
- Check exhaust rain shield
- Check for wet stacking
- Inspect the exhaust system for any cracked or broken parts, Tighten all mounting as necessary.

7. Generator Checks

- Check circuit breakers
- Inspect the generator main circuit breaker for loose connections and heat marks.

8. Transfer Switch:

- Check for unusual conditions and defects
- Visually inspect annunciator
- Run generator in emergency test mode
- Lubricate mechanical parts if possible
- Verify control panel in automatic mode
- Ensure the exercise clock is operational and is set to the customer specific time for exercise
- Verify all breakers are reset
- Perform transfer test
- Inspect linkage
- Record all findings

9. Other:

- Perform transfer test
- Inspect linkage
- Inspect block heaters for proper operation
- Inspect, clean and check connections of the engine/generator controller

10. Load Bank Testing

- Performed to meet NFPA and other requirements
- Provide test results to permanent file
- Simulate full load conditions
- Test generator in a controlled environment

11. Upon completion of items start and run the equipment Record all gauge readings.

- Test engine safety shut down devices to ensure proper safety operation. Check voltage and frequency outputs at the ATS emergency Input terminals. Make adjustments if necessary.
- While the unit is operating check for any fuel, oil, or coolant leaks. Repair minor leaks if possible.
- Check the battery charging alternator for proper DC voltage. Adjust if necessary.
- Check fuel and governor system for proper operation. Adjust governor if necessary,

Annual Maintenance (once per year)

- All quarterly maintenance items
- Change engine lubricating oil and filters as per manufacturer specification.
- Check the air filter/cleaner as per manufacturer specification.
- Replace diesel fuel filter as per manufacturer specification.
- Replace coolant filter (If applicable)
- Dispose of hazardous waste from service in accordance with California State Law
- Fuel Sampling/Analysis
- Fuel Polishing Service
- Resistive Load Bank Testing

Reporting

Provide the following reports for each generator to LFPD in electronic form (Word, Excel, or PDF). Service report – report must include the following:

- Work order number, date, employee name
- Generator location, manufacturer, model, serial number, location
- Any action items needed if status is not normal
- Load test - with full interpretation of results
- Oil and Fuel Analysis - with full interpretation of results
- Advise LFPD of any/all unusual situations or potential problems which will require further attention

Evaluation and Award Process

Issuance of this RFQ and receipt of quotes does not commit the LFPD to award a contract. The LFPD reserves the right to postpone receipt date, accept or reject any or all quotes received in response to this RFQ, and to cancel all or part off this RFQ.

The LFPD will not reimburse any Respondent for costs related to preparing and submitting a quote.

Proposals will be evaluated to ascertain which one are the lowest most responsible, best meets specified work, products, and the needs of the district. It may be necessary for the District to request additional information in order to clarify parts of the quote. All quotes will be considered.

RFQ Instructions

Quote(s) must be submitted either written or in electronic form on or before 4:00 PM on July 30, 2024 to:

Lakeside Fire Protection District
Finance Division
12216 Lakeside Ave.
Lakeside, CA 92040

Electronically: lsfinance@lakesidefire.org

Contact

For questions and to schedule a viewing of the generators contact:

Humberto Lawler, Division Chief
hlawler@lakesidefire.org
(619)390-2350 Ext: 008

For purchasing or financial questions contact:

Stefanie Trompeter Rolon, Finance Manager
strompeterrolon@lakesidefire.org
(619) 390-2350 Ext: 007

Quote Summary (example)

Vendor: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Email: _____

Contact Person: _____
(Print Name)

Signature: _____ Date: _____

DIR Registration Number: _____

*Total Station 1 \$ _____

*Total Station 2/Administration Office \$ _____

*Total Station 3 \$ _____

*Total Station 26 \$ _____

Total \$ _____

*Total cost for Quarterly and Annual Preventative Maintenance

Deviations and attachments:

Station 1

8035 Wintergardens Blvd.
El Cajon, CA 92021



- Make: MultiQuip
- Model: QAS120JDIT4
- Serial: HOP-102790
- KW: 105
- Engine: John Deere
- Model: 405HFG93
- Serial: PE4045R85440
- Type: Diesel

Station 2

12216 Lakeside Ave.
Lakeside, CA 92040



- Make: Kohler
- Model: 300REOZJ
- Serial: 2343215
- KW: 300
- Engine: John Deere
- Model: 6090HFG86
- Serial: RG6090L104141
- Type: Diesel

Station 3

14008 Hwy 8 Business
El Cajon, CA 92021



- Make: Kohler
- Model: 150REOZJE
- Serial: 3379GMGN0011
- KW: 150
- Engine: John Deere
- Model: 6068HF285
- Serial: PE6068NO13767
- Type: Diesel

Station 26

15245 Oak Creek Rd.
El Cajon, CA 92021



- Make: Kohler
- Model: 30RCL
- Serial: SGM32NBFB
- KW: 30
- Engine: 0
- Model: KG2204T
- Serial: D180390003
- Type: Natural Gas

Attachment A

PREVAILING WAGES

Certain labor categories under this project are subject to prevailing wages as identified in the State of California Labor Code Sections 1720 et seq and 1770 et seq. which require the payment of prevailing wage rates and the performance on certain “public works” and “maintenance” project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, contractor agrees, to fully comply with such Prevailing Wage Laws, if applicable.

The contractor to whom a contract for the work is awarded shall comply with the provision of the California Labor Code. A copy of these prevailing wage rates is on file with the Department of Industrial Relations and can be found online with the State of California at <http://www.dir.ca.gov/dlsr/pwd>. A copy of such prevailing wage rates shall be posted on the jobsite by the contractor.

CONTRACTOR REGISTRATION

Contractors submitting proposals on this project must be registered with the Department of Industrial Relations pursuant to the requirements of Sections 1725.5 and 1771.1 of the California Labor Code. Contractor registration information can be found at <http://www.dir.ca.gov/Public-Works/PublicWorks.html> . Contracts entered into with any contractor in violation of Section 1771.1(a), shall be subject to cancellation by the District at the sole discretion of the District consistent with Section 1771.1(e).

Contractors submitting proposals on this project must be registered with the Department of Industrial Relations pursuant to the requirements of Sections 1725.5 and 1771.1 of the California Labor Code prior to submitting a Proposal.

DIR Registration numbers shall be provided by Contractor on **Contractor’s Business Statement and References, Exhibit B**, when submitting Proposal.

Contractors submitting proposals on this project acknowledge that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Attachment B

Sample Insurance Requirements and Indemnification language (Non-Professional Vendor)

Vendor shall indemnify, defend, and hold harmless the City, and its officers, employees, and agents ("Agency indemnitees"), from and against **any and all** causes of action, claims, liabilities, obligations, judgments, or damages, including reasonable attorneys' fees and costs of litigation ("claims"), **arising out of the Vendor's performance** of its obligations under this agreement or out of the operations conducted by Vendor, **except for such loss or damage arising from the sole negligence or willful misconduct of the City.**

Coverage & Limits.

Vendor shall indemnify, defend, and hold harmless the Agency, and its officers, employees, and agents ("Agency indemnitees"), from and against **any and all** causes of action, claims, liabilities, obligations, judgments, or damages, including reasonable attorneys' fees and costs of litigation ("claims"), **arising out of the Vendor's performance** of its obligations under this agreement or out of the operations conducted by Vendor, **except for such loss or damage arising from the sole negligence or willful misconduct of the Agency.**

The insurance requirements under this Agreement shall be ***the greater*** of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policy or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the Contractor.

Commercial General Liability:

- Commercial General Liability with \$1,000,000 per occurrence for Bodily Injury, Personal and Advertising Injury and Property Damage including Blanket Contractual Liability,
- Products Liability, Completed Operations.
- City, its officers, officials, employees and representatives to be named as additional insured (endorsement).
- Contractor's insurance to be primary and non-contributory.
- 30-day notice of intent to cancel, non-renew, or make material change in coverage.
- Executed Indemnity and Hold Harmless Agreement.

Automobile Liability:

- \$1,000,000 Combined Single Limit of Liability for Bodily Injury and Property Damage per accident.
- Coverage to include “Owned, Non-Owned, and Hired” automobiles.
- City, its officers, officials, employees and representatives to be named as additional insured (endorsement).
- 30-day notice of intent to cancel, non-renew, or make material change in coverage

Workers’ Compensation/Employer’s Liability:

- Certificate of Insurance indicating “statutory” limits.
- Employer’s Liability with limits of not less than \$1,000,000 per accident for bodily injury or disease.
- 30-day notice of intent to cancel, non-renew, or make material change in coverage.
- Waiver of Subrogation in favor of District(endorsement)

Primary & Non-contributory

Coverage provided by Contractor shall be primary and any insurance or self-insurance procured or maintained by Agency shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of the District before the District’s own insurance or self-insurance shall be called upon to protect it as a named insured.

Severability of Interests (Cross-Liability)

A severability of interest provision must apply for all the Additional Insureds, ensuring that Contractor’s insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the insurer’s limits of liability.