

TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH

BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM

**GENERAL INSTRUCTIONS TO BIDDERS**

The Town of Trumbull, Connecticut (hereinafter referred to as "Town"), through the Office of the Town Purchasing Agent, will accept sealed bids from qualified firms (here-in-after referred to as bidder, contractor, proposer) for an **EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH**, to be located at the Nichols Fire Department, Headquarters, Station One, 100 Shelton Road, Trumbull, CT 06611, in accordance with the attached specifications and scope of work.

**1. PREPARATION OF BIDS**

Bids shall be submitted by using the enclosed BID PROPOSAL FORM that accompanies this request. Submit one (1) ORIGINAL and one (1) EXACT COPY. Bidders should submit bids in a clear, concise and legible manner to permit proper evaluation of responsive bids. Bidders may also submit under separate cover with their proposal, any samples of reports and documents that are necessary to meet the requirements (deliverables) of this request should a purchase order be awarded.

**2. BID SUBMISSION**

Bids are to be submitted in DUPLICATE in a sealed envelope and addressed as follows:

**BID NUMBER: 6023, DUE: NOVEMBER 14, 2013**

Purchasing Agent  
Town of Trumbull  
5866 Main Street  
Trumbull, CT 06611

Please be advised that the person signing the formal proposal must be so authorized by your organization to contractually bind your firm with regard to prices and related contractual obligations for the delivery period as is specified.

**3. BID TIME**

- a) Bids shall be received at the office of the Purchasing Agent, Town Hall, prior to the advertised hour of opening, at which time all proposals will be publicly opened and read aloud. Any bid received after the due date and time noted above shall not be accepted or opened.
- b) A bidder may withdraw a proposal at any time prior to the above scheduled date and time. Any bid received after the above scheduled date and time shall not be considered or opened.

**4. TOWN OPTIONS**

- a) The Town reserves the right to reject any and all bids and does not bind itself to accept the lowest bid or any proposal. The Town reserves the right to ask for new bids in whole or in part, or to reject any or all bids, or any part thereof, and to waive any requirements, irregularities, technical defects or service therein when it is deemed to be in the best interest of the Town and/or of the Fire District.
- b) If a bid proposal does not meet or better the required specifications, requirements, and scope of work requested on all points that must be outlined in a letter attached to the bid proposal otherwise it will be presumed that the bid as proposed is in accordance with the required specifications.

**5. TAXES**

All purchases made by the Town and/or Fire District, and associated with the award of this requirement shall be tax exempt. Any taxes must not be included in bid prices. A Tax Exemption Certificate shall be furnished upon request.

**6. INQUIRIES AND SITE VISITS**

All inquiries regarding this request shall be answered up to the close of business on November 12, 2013 after which time no additional questions will be accepted. To ensure consistent interpretation of certain items, answers to questions the Town deems to be in the interest of all bidders will be made available in writing or by Fax as appropriate to all bidders. Inquiries of a technical nature may be directed to the **James Allan, Chief Engineer, Nichols Fire District** 203-650-6458 [jimallanjr@yahoo.com](mailto:jimallanjr@yahoo.com) . Other questions may be directed to the Robert J. Chimini, Purchasing Agent (203.452.5042). Additionally, after proposals are received, the Town and/or Fire District reserve the right to communicate with any or all of the bidders to clarify the provisions of Proposals. The Town and/or Fire District further reserve the right to request additional information from any bidder at any time after proposals are opened.

**A MANDATORY SITE VISIT TO THE NICHOLS FIRE DEPARTMENT, STATION ONE, 100 Shelton Road, Trumbull, CT will be conducted NOVEMBER 7, at 4:00 PM to verify all field conditions prior to submitting a bid. Failure to attend this site tour precludes the submission of a proposal.**

**7. AWARD AND AUTHORITY**

The Town Purchasing Agent will issue notification of award in writing after consultation with and approval from the Nichols Fire District.

**8. PRICING**

- a) Bidders are requested to quote as a complete "Turn Key" installation.
- b) All prices quoted are to be firm for a period of at least 180 days following bid opening.
- c) Special Consideration will be given to responses with extended firm price dates. The Town and the Fire District are always interested in any and all cost reduction opportunities.

**9. ASSIGNMENT OF RIGHTS, TITLES, AND INTERESTS**

Any assignment or subcontracting by a bidder, vendor, or contractor for work to be performed, or goods and/or services to be provided, in whole or in part, and any other interest in conjunction with Town procurement shall not be permitted without the express written consent of the Town of Trumbull.

**10. HOLD HARMLESS CLAUSE**

Bidder agrees to indemnify, hold harmless and defend the Town and the Fire District from and against any and all liability for loss, damage or expense which the Town and/or the Fire District may suffer or for which the Town and/or Fire District may be held liable by reason of injury, including death, to any person or damage to any property arising out of or in any manner connected with the operations to be performed under an agreement with the Town or Fire District, whether or not due in whole or in part of any act, omission or negligence of the Town or the Fire District or any of his representatives or employees.

**11. WORK REGULATIONS AND STANDARDS**

All work activities performed in association with this request must be performed and completed for the Town and Fire District in accordance with current Federal State and Local regulations. All services performed shall also conform to the latest OSHA standards and/or regulations.

**12. INSURANCE**

The successful bidder shall provide the Town Purchasing Agent with a Certificate of Insurance before work commences. The Town and the Fire District shall be named as an additional insured with an Insurance Company licensed to write such insurance in Connecticut, against the following risks and in not less than the following amounts:

- Worker's Compensation
- Contractor's Public Liability and Property Damage
- Automobile Insurance

**General Liability -**

Bodily Injury Liability	Each Person \$1,000,000	Each Occurrence \$1,000,000	Aggregate \$1,000,000
Property Damage Liability	Each Person \$1,000,000	Each Occurrence \$1,000,000	Aggregate \$1,000,000
Personal Injury Liability		Each Occurrence \$1,000,000	Aggregate \$1,000,000

**Comprehensive Automobile Liability**

Bodily Injury	Each Person \$1,000,000	Each Occurrence \$1,000,000	Aggregate \$1,000,000
Property Damage		Each Occurrence \$1,000,000	Aggregate \$1,000,000

Such policies shall provide that no coverage shall be changed or cancelled unless thirty- (30) day's prior notice of such change or cancellation shall be made to the owner. Such notice shall be made by registered mail; postage prepaid, to the Purchasing Agent, Town of Trumbull, Town Hall, Trumbull, Connecticut 06611 with copy sent to the Board of Fire Commissioners, Nichols Fire District, 100 Shelton Road, Trumbull, CT 06611. In the event of cancellation, the contractor shall cease all operations on or before the effective date of said cancellation and he shall not commence work again until he has obtained replacement insurance and has delivered a Certificate of Insurance to the office of the Town's Purchasing Department.

**13. PROPOSAL, PERFORMANCE AND PAYMENT BONDS**

- a) A Bid Bond payable to the Town must accompany each Proposal for ten (10%) percent of the total amount of the Proposal. As soon as the Proposal prices have been compared, the Town will return the bonds of all except the three lowest

responsible Proposals. When the Agreement is executed, the bonds of the two remaining unsuccessful Proposers will be returned. The Bid Bond of the successful Proposer will be retained until the Payment Bond and Performance Bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a Bid Bond.

- b) A Performance Bond and a Payment Bond, each in the amount of 100 percent (100%) of the Contract Price, with a corporate surety approved by the Town, will be required for the faithful performance of the contract. Attorneys-in-fact who sign the Bid Bonds or Payment Bonds and Performance Bonds must file with each bond, a certified and effective dated copy of their power of attorney.
- c) The party to whom the contract is awarded will be required to execute the Agreement and obtain the Performance Bond and Payment Bond within ten (10) calendar days from the date when Notice of Award is delivered to the Proposer. The Notice of Award shall be accompanied by the necessary Agreement and Bond forms. In case of failure of the Proposer to execute the Agreement, the Town may, at his option, consider the Proposer in default, in which case the Bid Bond accompanying the proposal shall become the property of the Town.
- d) The Town, upon receipt of acceptable Performance Bond, Payment Bond and Agreement signed by the Contractor, shall sign the Agreement and return to the Contractor an executed duplicate of the Agreement within a reasonable period of time. The returned executed Agreement by the Town to the Contractor shall be accompanied with a Notice to Proceed.

**14. LIQUIDATED DAMAGES:**

- a) Non-compliance with the scheduled completion date of the Contract shall result in engineering charges as follows:
  - The Contractor shall pay liquidated damages of \$250.00 per working day for each day after the agreed Contract completion date up to, and including, the actual date of completion.

**15. LOWEST RESPONSIBLE PROPOSAL**

- b) The Town along with the Nichols Fire Department shall determine the "lowest responsible qualified proposer" on the basis of the Proposer submitting the lowest "Total Proposal", responsiveness of his Technical Proposal; and demonstrating a history of the ability and integrity necessary to perform the required work; and certifying that it shall perform the work in accordance with the specifications .
- c) Proposals will be compared on the basis of the "Total Proposal" of the items listed in the Proposal and on basis of the Proposer's experience and competence.
- d) If the Lowest Total Proposal exceeds the amount of funds available for the project, the Town along with the Nichols Fire Department reserves the right to increase or decrease any class, item or part of the work. After determining the "lowest responsible qualified proposer", the Town will issue a Notice of Award to the successful Proposer.
- e) The Proposer designated by the Town and Nichols Fire Department as the "lowest responsible qualified proposer" to whom the contract is awarded shall execute the Contract and submit the following documents:
  - I. Performance Bond
  - II. Labor, Payment and Materials Bond
  - III. Copy of valid license issued by the State of Connecticut, Department of Consumer Protection.
- f) In the event that the lowest responsible qualified proposer fails to execute the Contract and/or fails to provide the required documents within the time period prescribed, the Town and Nichols Fire Department, at its option, may consider the lowest responsible qualified proposer to be in default, in which case the Bid Guarantee shall become the property of the Town.

**16. DELIVERY TIME IS OF THE ESSENCE.**

Special consideration may be given to bidders that provide an expedited delivery and installation schedule.

**17. CONFLICT OF INTEREST**

No purchase shall be made from nor shall services (other than services as an officer, agent, or employee of the Town) be secured from any officer or employee of the Town or Fire District, or from any partnership or corporation in which such officer or employee is a partner or officer, or holds a substantial interest, unless such relationship and the fact that such purchase is contemplated shall be made known in writing to the agency making such purchase, and notice thereof posted, for at least five (5) days before such purchase be made, in the office of the agency making such purchase and in a public place in the Trumbull Town Hall.

**17. WARRANTY**

Selected bidder agrees to warranty all work completed for this requirement for a period of at least twenty-four (24) months starting upon final acceptance.

**18. STATEMENT OF QUALIFICATIONS AND REFERENCES**

Bidders shall complete and submit the "Statement of Qualifications" section of this request along with the References form. The Town and Nichols Fire Department may make such investigations as necessary and it deems appropriate to determine the qualifications of the proposer to perform the work required. If the Town is not satisfied that the proposer is properly qualified, the Town along with the Nichols Fire Department reserves the right to reject the proposal of said proposer.

**19. SPECIFICATIONS**

- a) Should any Bidder find discrepancies in the Specifications, or be in doubt as to the exact meaning, notify the Town and Fire District at once. The Town may then, at their option, issue Addenda clarifying same. The Town shall not be responsible for oral instructions or misinterpretations of specifications.
- b) The Town reserves the right to issue Addenda at any time prior to the Bid Opening. All such Addenda become, upon issuance part of the Specification. Each Bidder shall cover such Addenda in the proposal and shall acknowledge receipt of same on the blank provided therefore.
- c) The Town reserves the right to require any or all Bidders to submit statements as to previous experience in performing comparable work; and as to financial and technical organizations and resources available for this work. The mere opening and reading aloud of a bid shall not constitute or imply the Town's acceptance of the suitability of a Bidder or the bid, nor shall possession of Drawings or Specifications constitute an invitation to bid. The competency and responsibility of Bidders as well as the number of working days required for completion will be considered in making an award.

**20. ADENDUMS**

It is the responsibility of the bidder to verify prior to final submittal of a bid or bid if any addenda to this request have been issued. Any addenda to this request shall be posted on the Town of Trumbull website [www.trumbull-ct.gov](http://www.trumbull-ct.gov) under the Purchasing Department's section. Bidders may also call the Purchasing Department directly 203.452.5042 for inquiries regarding addenda.

**21. MISCELLANEOUS**

- a) All Contractors shall develop a complete and thorough schedule which demonstrates that the Contractor will be able to complete the project in a timely fashion.

**TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH**

**BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM**

**SCOPE OF WORK, SPECIFICATIONS, REQUIREMENTS, STANDARDS**

**GENERAL SCOPE**

1. The scope of this design-build project is a total system replacement including diesel generator, above-ground fuel storage tank, day tank, automatic transfer switch, connection wiring, other distribution panels and building modifications to insure a fully code-compliant, state of the art, functional system.
2. The bidder is responsible for the disconnection and complete removal of existing equipment. Disposal must be done in compliance with environmental regulations. NO abandoned materials or equipment shall be left in place.
3. The bidder is to provide a complete factory assembled generator set equipment with digital (microprocessor-based) electronic generator set controls, digital governor, and digital voltage regulator.
4. The bidder will provide factory test, startup by a supplier authorized by the equipment manufacturer(s), and on-site testing of the system.
5. The generator set manufacturer shall warrant all equipment provided under this section, whether or not is manufactured by the generator set manufacturer, so that there is one source for warranty and product service. Technicians specifically trained and certified by the manufacturer to support the product and employed by the generator set supplier shall service the generator set.

**Codes and Standards**

The generator set installation and on-site testing shall conform to the requirements of the following codes and standards, as applicable. The generator set shall include necessary features to meet the requirements of these standards.

1. CSA 282, 1989 Emergency Electrical Power Supply for Building
2. IEEE446 – Recommended Practice for Emergency and Standby Power Systems for Commercial and Industrial Applications
3. NFPA37 –
4. NFPA70 – National Electrical Code. Equipment shall be suitable for use in systems in compliance to Article 700, 701, and 702.
5. NFPA99 – Essential Electrical Systems for Health Care Facilities
6. NFPA110 – Emergency and Standby Power Systems. The generator set shall meet all requirements for Level 1 systems. Level 1 prototype tests required by this standard shall have been performed on a complete and functional unit, component level type tests will not substitute for this requirement.

The generator set and supplied accessories shall meet the requirements of the following standards:

1. NEMA MG1. Alternator shall comply with the requirements of the current version this standard as they apply to AC alternators.
2. UL1236 – Battery Chargers
3. UL2200. The generator set shall be listed to UL2200 or submit to an independent third party certification process to verify compliance as installed...

The control system for the generator set shall comply with the following requirements.

1. CSA C22.2, No. 14 – M91 Industrial Control Equipment.
2. EN50082-2, Electromagnetic Compatibility – Generic Immunity Requirements, Part 2: Industrial.
3. EN55011, Limits and Methods of Measurement of Radio Interference Characteristics of Industrial, Scientific and Medical Equipment.
4. FCC Part 15, Subpart B.
5. IEC8528 part 4. Control Systems for Generator Sets
6. IEC Std 801.2, 801.3, and 801.5 for susceptibility, conducted, and radiated electromagnetic emissions.
7. UL508. The entire control system of the generator set shall be UL508 listed and labeled.
8. UL1236 –Battery Chargers.

The generator set manufacturer shall be certified to ISO 9001 International Quality Standard and shall have third party certification verifying quality assurance in design/development, production, installation, and service, in accordance with ISO 9001.

### Acceptable Manufacturers

Only approved bidders shall supply equipment provided under this contract. Equipment specifications for this project are based on generator sets manufactured by Cummins/Onan Power Generation, Kohler or Caterpillar with microprocessor-based controls. Equipment by other manufacturers is NOT acceptable.

### PROJECT DESCRIPTION

General requirements are as follows:

1. The proposal submittal will be for a complete "turnkey" project, inclusive of all aspects of the scope of work specified. Any proposal that is not all-inclusive and "turnkey" will be rejected.
2. Proposals will include the make and model of ALL prime equipment and to be installed. Failure to supply a comprehensive list with accompanied by manufacturer's technical literature will constitute reason for rejection of the proposal.
3. If the contractor takes exception to any part of this RFQ, the specific exception must be listed by the contractor in a section called, "EXCEPTION TO SPEIFICATIONS"
4. The contractor is responsible for the selection of all equipment within the list of allowed manufacturers and all aspects of compatibility to perform as an engineered system is the responsibility of the contractor exclusively...
5. It is the Fire District's responsibility to do NOTHING except provide access to the buildings and site, approve or reject proposed equipment, oversee and inspect work, witness final testing and endorse final payments.
6. The contractor will provide a performance bond in the amount of 100% of the proposal amount at the time of the purchase order/contract award.
7. The "Fire District's Project Representative" for the oversight of this work is the "**Fire Department's Chief Engineer.**" Direction will NOT be taken for any other individual. Direction given and followed by an individual other than the FD Chief Engineer is subject to being re-done, rejected or removed at the contractor's expense.
8. The successful "bidder" is totally responsible for the coordination of all work performed by the "sub-contractors" selected by the bidder.
9. The Fire District will NOT be responsible for hiring any trade contractor to complete this project.
10. NO increases in costs will be allowed without the submission of a written change order that is approved by the Fire Department's Chief Engineer and the Town's Purchasing Agent. NO EXCEPTIONS. Change orders must be submitted and approved before any work involving the change order is started and at least three (3) days prior to anticipated approval.
11. The contractor is responsible for securing all permits and making regulatory filings.
12. The contractor is responsible for all plans and having those plans approved by local code officials (both the Building Official and the Fire Marshal) prior to the start of work. Issued permits will be copied and shared with the Fire District before the start of work.
13. The contractor is responsible for the completion of all work in a craftsman-like fashion that is representative of the best quality. All work will be square, plumb, level and done with the best quality hardware and incidental parts otherwise not specified.
14. The contractor is responsible for the completion of all work within ninety days (90 days) of the award of the contract. A completion date of ninety days (90 Days) after the receipt of equipment is not acceptable.
15. The contractor will maintain the work site in a neat and orderly fashion at all times.
16. The suspension of existing emergency standby generator service will be coordinated with the Fire District.
17. In all instances where there are options for the installation of equipment (location, spacing, alignment, accessibility, etc.) the contractor will consult with the Fire District's representative for guidance.
18. Any modification or adjustment to the building housing the generator and day tank will be done by the contractor, at the contractor's expense. This work includes, but is not limited to: the moving/reconstruction of interior walls/partitions, modifications to radiator exhaust ductwork, motorized damper at the fresh air intake, motorized damper at the exterior wall, breaching exterior walls for engine exhaust, breaching floor and footings to route fuel oil supply and return lines to the above ground tank, etc.
19. It is exclusively the responsibility of the contractor to insure the proper sizing of fresh air intakes and radiator exhausts. The existing should not be presumed to be adequate.

20. Permission granted by the Fire District to allow the storage of equipment and materials on site, in no way constitutes acceptance of the equipment or materials.
21. The Fire District accepts NO responsibility for any equipment or materials stored on site.
22. Acceptance of the project by the Fire District will be at the sole discretion of both the Fire Department's Chief Engineer and the Chairman of the Board of Fire Commissioners, AFTER the final approval of the local code officials and issuance of a certificate of occupancy (C of O).
23. The contractor will receive NO progress payments for this project. Payment, in full, will be due within thirty (30) days of final acceptance by the Fire District. The contractor is responsible for carrying the full cost of the job according to the specification. The entire "turnkey" project, fully tested and ready for an acceptance inspection must be done within ninety (90) days of the issuance of the purchase order. Time measured from the "contractor's receipt of equipment" is not acceptable.

## EQUIPMENT REQUIREMENTS

The generator shall be rated for 60 KW output (standby), 3 phase, at 208/120 volts. The generator shall be supplied will be manufactured by a widely utilized, proven engine/generator set manufacturer. Acceptable manufacturers will be limited to

- Cummins/Onan (model DGHDB)
- Caterpillar (model D60-6)
- Kohler (model 60REOZJD).

**Other manufacturers will NOT be considered.**

The generator shall be provided with following features:

- Chassis mounted, open frame
- 60 Hz output
- NFPA 110, Level 1
- EPA Tier 3 Emission Certified Engine
- UL 2200 Listed
- Five (5) year extended service warranty
- 105 degree C rise alternator
- 250 amp generator main line circuit breaker
- Integral vibration isolation
- Low coolant level auto shut-down
- Capable of one-step 100% load acceptance
- Critical (hospital grade) silenced exhaust system
- Flexible exhaust connector, stainless steel
- All indoor exhaust components must be insulated using hi-temp thermal wrap, covered with sheet metal wrap on silencer and piping
- Integrated generator set control system
  - Power Command (Onan)
  - Decision-Maker 550 (Kohler)
  - EMCP 3.1 (Caterpillar)
- Remote annunciator in boiler room in main building
- Shutdown alarm relay
- Remote emergency stop
- 120/240 V Engine block heater (1,500 watt)
- 120/240 V anti-condensation heater (100 watt)
- Radiator duct flange
- Starting battery (8D) frame mounted.
- Battery charger, equalize/float type
- Heavy-duty air cleaner
- Air cleaner restriction indicator
- Float-type battery charger, 10 amp, 12 VDC
- All engine fluids
- A factory certificate attesting to full load testing prior to shipment.

- Operations and Parts Manual (2 complete sets)

An **above ground fuel tank** shall be provided to support the generator as follows:

- Fuel capacity for at least 144 hours (6 days) of operation at 75% loading. (This capacity is estimated to be 530+ gallons. Contractor is to confirm.)
- The tank shall have “double wall” integral fuel spill containment.
- The tank shall be fully compliant with all Connecticut DEEP, Federal EPA, NFPA and Connecticut State Fire Code regulations for such tanks.
- The tank shall have over-fill and spill protection features.
- The tank shall be placed on a concrete pad that is sized two feet larger than the tank’s width and length and shall be of such thickness, concrete mixture and reinforcement to show no evidence of cracking, spalling or other deterioration for at least fifty (50) years.
- The tank will be protected from vehicular traffic by eight inch (8”) concrete-filled bollards, six feet (6’) on center, with at least three feet (3”) showing above grade and supported by at least three feet (3’) embedment in the pad, on the side of the pad closest to vehicular traffic.
- The tank will provide fuel supply to the “day tank” assembly.
- Only black iron pipe will be used for fuel piping on this project. Copper or galvanized pipe and fittings are not acceptable.

A **“day tank” assembly** will be provided to serve as the immediate fuel source for the generator.

- As the day tank empties, the day tank will pump fuel from the storage tank and hold several gallons of fuel for the generator’s fuel pumps to draw from.
- The tank shall have at least a twenty-five gallon (25 gal) capacity and/or be capable of running the generator for a period of at least five (5) hours without pumping additional fuel from the storage tank (whichever is greater).
- Day tanks determined to be acceptable for this project are as follows:
  - Phillips Pump, Model PDWTSR
- Or approved equal.

A **400 amp, open-transition,, automatic transfer switch** shall be installed in the boiler room of the station (approximately 100+ feet distant from the generator).

- The switch will be supplied with automatic exercise controller, adjustable time delays, under-voltage sensing, over/under frequency sensing, a basic indicator panel and date/time stamped event recording.
- The following automatic transfer switches will be considered acceptable:
  - CTG Series w/MX150 digital controller embedded (Caterpillar)
  - Power-Command, OTPC-SE (Onan)
  - Model KEP, MPAC 1500 Controller (Kohler)
- Power connection cable from the generator located in the out-building to the ATS located in the boiler room of the main building will be evaluated with regard to wire size and the transmission of full generator output power with no more than a 0.5% voltage drop between the generator and the ATS. If the existing cable is judged to be undersized, new, larger cable will be installed.
- Plant exerciser clock
- Digital display
- Level 2 Controls
- Load monitoring

**Other Work** (beyond generator, tank, day tank and ATS) will be required as follows:

- A full load test of the installed system will be performed using a load bank for a period of not less than four hours. (One (1) of the four (4) hours will be at 110% capacity.)
- A full test of the performance of the system will be conducted demonstrating loss of UI line voltage.
- The system shall be installed in such a fashion to support the entire fire station electrical load.

- All existing electrical distribution panels will be surveyed for compliance with current electrical codes and standards. All panels found to be non-compliant will be upgraded. For example, two, existing load distribution panels do not have main breakers. Main breakers will need to be retrofitted.
- Upgrade normal source (utility) electrical service from main circuit breaker from 200 amp to 400 amp.
- Existing underground conduit from fire house to rear building may be reused providing adequate for new conductors.
- Subsequent the to full-load acceptance test, the above ground tank will be filled to capacity with ultra-low sulphur fuel. A full tank of fuel will be the responsibility of the contractor.
- All wiring must be done using stranded copper conductors. Although code compliant in certain applications, aluminum wiring will NOT be allowed under any circumstance on this project.

TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH

BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM

STATEMENT OF QUALIFICATIONS

**Submitted by:**

Name of Organization \_\_\_\_\_

Name of Individual \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Fax: \_\_\_\_\_ Cell: \_\_\_\_\_

**General Business Information**

Check If:  Corporation  Partnership  Joint Venture  Sole Proprietorship

**If Corporation:**

a. Date and State of Incorporation

\_\_\_\_\_

b. List of Officers

Name Title

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**If Partnership**

a. Date and State of Organization

\_\_\_\_\_

b. Names of Current General Partners

c. Type of Partnership

General Publicly Traded

Limited Other (describe): \_\_\_\_\_

**If Joint Venture:**

a. Date and State of Organization

b. Name, Address and Form of Organization of Joint Venture Partners: (Indicate managing partner by an asterisk\*)

\_\_\_\_\_

**If Sole Proprietorship:**

a. Date and State of Organization

\_\_\_\_\_

b. Name and Address of Owner or Owners

\_\_\_\_\_

1. On Schedule A, attached, list major engineered construction projects completed by this organization in the past five (5) years. (If a joint venture list each participant's projects separately).

2. On Schedule B, attached, list current projects under construction by this organization. (If joint venture, list each participant's projects separately).

3. Name of surety company and name, address, and phone number of agent.

---



---

4. Is your organization a member of a controlled group of corporations as defined in I.R.C. Sec. 1563?

Yes \_\_\_ No \_\_\_

If yes, show names and addresses of affiliated companies.

---

5. Furnish on Schedule C, attached, details of the construction experience of the principal individuals of your organization directly involved in construction operations.

6. Has your organization ever failed to complete any construction contract awarded to it?

Yes \_\_\_ No \_\_\_

If yes, describe circumstances on attachment.

7. Has any Corporate officer, partner, joint venture participant or proprietor ever failed to complete a construction contract awarded to him or her in their own name or when acting as a principal of another organization?

Yes \_\_\_ No \_\_\_

If yes, describe circumstances on attachment.

8. In the last five years, has your organization ever failed to substantially complete a project in a timely manner?

Yes \_\_\_ No \_\_\_

If yes, describe circumstances on attachment.

I hereby certify that the information submitted herewith, including any attachment is true to the best of my knowledge and belief.

Name of Organization: \_\_\_\_\_

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

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

Dated: \_\_\_\_\_

**Schedule A: Prior Experience (Add Additional Pages as Needed)**

Project	Owner	Design Professional	Contract Price	Amount Completed	Date of Scheduled Completion

**Schedule B: Current Experience (Add Additional Pages as Needed)**

Project	Owner	Design Professional	Contract Price	Amount Completed	Date of Scheduled Completion

**Schedule C: Key Personnel (Add Additional Pages as Needed)**

Name	Position	Date of Hire	Date Started in Construction	Prior Positions & Construction Experience

TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH

BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM

REFERENCES

*(To be submitted with proposal – attach additional pages as necessary)*

List references for similar services provided for at least five (5) clients in the past five (5) years (attach any other client references if desired). PLEASE NOTE IT IS THE TOWN'S INTENT TO COMMUNICATE WITH THE REFERENCES LISTED HEREIN.

**CLIENT 1:**

Organization Name: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Service Dates: \_\_\_\_\_  
Project(s): \_\_\_\_\_

**CLIENT 2:**

Organization Name: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Service Dates: \_\_\_\_\_  
Project(s): \_\_\_\_\_

**CLIENT 3:**

Organization Name: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Service Dates: \_\_\_\_\_  
Project(s): \_\_\_\_\_

**CLIENT 4:**

Organization Name: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Service Dates: \_\_\_\_\_  
Project(s): \_\_\_\_\_

**CLIENT 5:**

Organization Name: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Service Dates: \_\_\_\_\_  
Project(s): \_\_\_\_\_

**TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH**

**BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM**

**PROPOSAL**

Proposal of \_\_\_\_\_ (hereinafter called "Proposer, Bidder"), organized and existing under the laws of the State of Connecticut, doing business Town of Trumbull, Connecticut (hereinafter called the Town) and the Nichols Fire Department.

In compliance with the Advertisement for Proposals, Proposer hereby proposes for the PURCHASE AND INSTALLATION OF AN EMERGENCY GENERATOR FOR THE NICHOLS FIRE SEPARTMENT project, in the Town of Trumbull, Connecticut together with all related incidental and appurtenant work as described in the specifications or outlined and/or shown on the exhibits. The work is to be done in strict accordance with the Specifications, within the time set forth therein, and at the prices stated on the Proposal Schedule.

By submission of this Proposal, the Proposer certifies, that this Proposal has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Proposal with any other Proposer or with any competitor.

Proposer hereby agrees to commence work under this contract on or before a date to be specified in the "Notice to Proceed", and to fully complete the Project within one hundred and twenty (120) consecutive calendar days thereafter.

Proposer further agrees to pay as liquidated damages, the sum of (\$250.00) two hundred and fifty dollars for each consecutive calendar day thereafter till completion of the full contract as provided in the General Conditions. Proposer further agrees that he will provide and sustain the required Bonds and Insurance Policies as required.

Proposer understands that the Town and the Nichols Fire Department reserves the right to reject any or all proposals and to waive any informality in the bidding.

Proposer agrees that this proposal shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving proposals.

Upon receipt of written notice of the acceptance of this proposal, proposer shall execute the formal contract attached within five (5) days and deliver a Surety Bond or Bonds as required in the General Conditions. The Bid Security attached in the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) is to become the property of the Town in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Town caused thereby.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
By (Signature)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Print Name

\_\_\_\_\_

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Telephone/Fax

TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH

BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM

PROPOSAL (Continued)

The undersigned hereby declares that in regard to all conditions affecting the work to be done and the labor and materials required, this proposal is based on his investigations and findings, and the Town of Trumbull and Nichols Fire Department and their officers, agents and employees shall not in any manner be held responsible for the accuracy of, or be bound by any estimates, borings, water or underground conditions relative to the proposed work, indicated in this or in the other contract documents; that no warranty or representation has been made by the Town of Trumbull and Nichols Fire Department or their officers, agents and employees as to subsurface soil or rock conditions, ground water, or other underground and similar conditions; nor has any representation or warranty been so made that the estimated quantities to be used for comparison of proposals will even approximate the actual quantities or materials and work which the Contractor may be required to furnish or perform.

1. OFFER

Pursuant to and in compliance with the Invitation to Bid relating thereto, the Undersigned has thoroughly reviewed all specifications, requirements, scope of work, standards, and general instructions of Bid Number 6023 together with any addenda issued and received prior to closing time for receipt of Bids and agrees to provide all materials, all labor and all else whatsoever necessary to erect and properly finish all work in accordance with said documents for the above mentioned projects to the satisfaction of the Trumbull and Nichols Fire Department for the stipulated sum of:

Base Bid (in words) \_\_\_\_\_

Base Bid (in figures) \$ \_\_\_\_\_

Enclosed herewith is the Bid Guaranty (10% of Base Bid minimum), in the form of:      ( ) Bid Bond      ( ) Certified Check

2. ACCEPTANCE

- This offer shall be open to acceptance for ninety (90) days from the Bid opening date.
- If this Bid is accepted by the Owner within the time period stated above, Undersigned will:
- Execute this Agreement within ten days of receipt of acceptance of this Bid.
- Furnish the required bond (s) within ten days of receipt of acceptance of this Bid.
- Commence work within seven days after written Notice to Proceed or Contract signing.
- If this Bid is accepted within the time stated, and the Undersigned fails to provide the required Bond(s), the Trumbull and Nichols Fire Department may charge against the Undersigned the difference between the amount of this bid and the amount for which the contract for the work is subsequently executed, irrespective of whether the amount thus due exceeds the amount of the bid guaranty.
- In the event this Bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

3. CONTRACT TIME

If this Bid is accepted, the Undersigned will complete all the work per the contract documents and shall receive satisfactory inspection by the appropriate municipal and state entities within **120 calendar days** from Notice to Proceed. Is it additionally understood that liquidated damages, in the amount of **\$250 per calendar day**, will be assessed for failure to complete the project within the above time period.

4. CHANGES TO THE WORK

Equitable adjustments for Changes in the Work will be net cost plus a percentage feed in accordance with the General Conditions.

TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH

BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM

PROPOSAL (Continued)

5. ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted therein have been considered and all costs thereto are included in the Base Bid.

Addenda # \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

6. BID FORM SIGNATURE (S)

The Corporate Seal

\_\_\_\_\_  
(Bidder - print the full name of Proprietorship, Partnership, or Corporation)

Was hereunto affixed in the presence of:

\_\_\_\_\_  
(Authorized signing officer) (Title)

(Seal)

\_\_\_\_\_  
(Authorized signing officer) (Title)

If the Bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

TOWN OF TRUMBULL, CONNECTICUT  
REQUEST FOR QUOTATION  
EMERGENCY STANDBY POWER SYSTEMS GENERATOR SET & AUTOMATIC SWITCH

BID NUMBER: 6023 DUE: NOVEMBER 14, 2013 @ 3:00PM

PROPOSAL (Continued)

BIDDER SHALL STATE THE NAMES OF ALL OF ALL PROPOSED SUBCONTRACTORS.

PROPOSED SUBCONTRACTORS

If none, write "None" \_\_\_\_\_.

\*Description of Work \_\_\_\_\_

Proposed Subcontractor Name \_\_\_\_\_

Address \_\_\_\_\_

\*Description of Work \_\_\_\_\_

Proposed Subcontractor Name \_\_\_\_\_

Address \_\_\_\_\_

\*Description of Work \_\_\_\_\_

Proposed Subcontractor Name \_\_\_\_\_

Address \_\_\_\_\_

\*Description of Work \_\_\_\_\_

Proposed Subcontractor Name \_\_\_\_\_

Address \_\_\_\_\_

**\*Insert description of work and subcontractors' names as may be required.**

This is to certify that the names of the above mentioned subcontractors are submitted with full knowledge and consent of the respective parties.

The Bidder warrants that none of the proposed subcontractors have any conflict of interest as respects this contract.

**Bidder** \_\_\_\_\_  
(Fill in Name)

**By** \_\_\_\_\_  
(Signature and Title)