

North Stonington Volunteer Fire Co., Inc.

267 Norwich-Westerly Road
P.O. Box 279
North Stonington, Connecticut 06359
(860) 535-0937

INVITATION TO BID

The North Stonington Volunteer Fire Company Incorporated (NSVFC) is soliciting bids for a refit/refurbishment for our 1995 E-ONE Cyclone Pumper

Sealed bids must be received by the Town Hall 40 Main Street North Stonington CT not later than October 15, 2013 at 3:00 PM Bids shall be opened and publicly read after 4:00PM. *Facsimile or email bid responses will not be accepted.* Bids are to be sent to:

James E Tuttle
Chairman Engine 2 Refurbishment/Refit Committee
% Old Town Hall
40 Main Street
North Stonington, CT 06359
(860) 535-2877

Specifications and other information can be obtained at the above address

North Stonington Volunteer Fire Co., Inc.

BID TERMS AND CONDITIONS

All bids submitted must be in SEALED ENVELOPES and must be notated with "ENGINE 2 REFURBISHMENT BID" on the face of the envelope. Amendments to or withdrawal of any section of the submitted bid received later than the time and date set for the bid opening will not be considered. Bids received later than the time and date specified will not be considered.

All bid prices must include prepaid delivery, assembly and installation (ready for operation and/or use) of all equipment and/or materials to the individual location(s) as designated by the NSVFC. All bid prices are to be submitted on the bid sheets provided on this bid. Quantities and pricing are to be listed in accordance with Addendum A.

Replies submitted, whether a bid or no bid, must have the "ENGINE 2 REFURBISHMENT BID" clearly marked on the outside of the envelope. Bidders not marking the envelopes will have no recourse against The Town of North Stonington or North Stonington Vol. Fire Co., Inc. employees or members.

Any alleged oral agreement made by a bidder or contractor with any agency or member of the North Stonington Vol. Fire Co., Inc. or the Town of North Stonington will be disregarded and considered non-binding.

Request for interpretation of any portion of the bid may be made by email to the Chairman James Tuttle at Jtuttle@nsvfc.org. All replies through telephone will be given verbally and a copy of any such inquiry and reply (if deemed vital to the bid by the Chairman or Selectman) will be e-mailed to each prospective bidder.

The Town of North Stonington is exempt from the payment of taxes imposed by Federal Government and/or the State of Connecticut. Such taxes should not be included in the bid price.

In the event of receipt of identical bids as to offerings, delivery, service, content, price, etc., the bid will be awarded in accordance with information contained in the bid document, based on previous performance, history, capability & facilities.

For bids to be considered, the attached **Non Collusive Bid Statement** must be completed and submitted with the bid.

Bidders offering(s) under this bid must meet and be in compliance with all local, state and federal rules specifications, regulations and requirements in effect as of the date of the bid submittal pertaining to the work, materials, equipment or items requested in the bid, i.e. Federal DOT, CT DOT, OSHA, NFPA etc.

The successful bidder, vendor and/or contractor must protect all property of the North Stonington Vol. Fire Co., Inc. from damage. Any damage so caused must be repaired by contractor/vendor at his/her own expense.

Default - It shall be understood that a bidder supplying equipment and/or supplies will be considered to be in default if/when he/she has not delivered the item(s) within the time constraints listed in this document.

Bidders providing a service and/or construction will be considered to be in default if/when they have failed to meet the completion date set forth in their Bid and/or they have ceased work on the project for a period of fifteen (15) working days cumulative or consecutive. Any variation will require approval by the Engine 2 Refurbishment/Refit Committee.

The successful bidder agrees to indemnify and hold harmless the Town of North Stonington, the North Stonington Vol. Fire Co., Inc. or any of its employees / members from any and all liability arising out of the successful bidders' operations and functions and/or supplied items.

Any and all references to trade names, types, styles, model numbers, stock numbers or catalogs are intended to be descriptive only and not restrictive. The intention is to indicate to bidders the type and quality of the articles and/or materials that will be satisfactory. When reviewing the information given, it is the responsibility of the prospective bidder to inform the Town of any discrepancy that is found (i.e. number listed does not fit the item description). Bids received on other equal makes or models with reference to other catalogs will be considered. The bidder is to clearly state in his bid, exactly what he intends to furnish and to furnish with his bid a cut or illustration or other descriptive matter that will clearly indicate and give specification as to the product he proposes to furnish. Where a bid is offered on an item other than the trade standard used in the specification the item should be identified on the bid form by entering the **MAKE, TRADE NAME AND MODEL NUMBER AND SIZE**. It is understood that any substitutes and/or alternates that might be offered are guaranteed by the bidder to be of equal or better quality than is referenced in the bid. The item (s) offered must be equivalent as to function, basic design type and quality of material, method of construction and dimensions. It shall be further understood that during original as well as subsequent shipments spot checks will be performed to ensure that the items received are in fact the items offered in the bid. **When received, should items/materials prove to be different from what was bid in any way, the bidder agrees to the return of the items and agrees to supply the correct items (per bid specifications) at the bidder's expense.** In the event this return action is required, it is to be understood the bidder may be subject to removal from the Town's bidder's list.

Units offered shall be new. Bidders are cautioned that rebuilt, remanufactured, trade-ins, surplus, seconds, factory rejects, floor samples, close-outs or distressed items are not acceptable and shipment of substitutions, defective or shop-worn equipment will be returned for a full refund, including shipping and/or freight charges, labor removal & reinstallation at the vendor's expense.

The quantities and/or materials listed in the specifications/bid sheets may be increased or decreased by the Town or its designated representative based on actual need at the time the orders are placed.

The Town and the North Stonington Vol. Fire Co., Inc. and/or its designated agent reserves the right to reject any proposal in whole or part offering equipment and/or materials and/or services that in their opinion does not meet the quality standards desired. Such decision will be considered final and not subject to further recourse by the bidder.

The Town and the North Stonington Vol. Fire Co., Inc. and/or its designated agent reserves the right to award or reject by item, or part thereof, groups of items, or parts thereof, or all items of the bid if in his/her judgment the best interest of the Town of North Stonington or North Stonington Vol. Fire Co., Inc. will be served. Further, the Town, or its designated agent, reserves the right to award contracts to one or more bidders submitting identical proposals as to price, to reject any and all bids in whole or in part, to waive

technical defects, irregularities and omissions if, in their judgment the best interest of the Town and North Stonington Vol. Fire Co., Inc. will be served.

The Town and the North Stonington Vol. Fire Co., Inc. and/or its designated agent reserves the right to reject any and all bids should the Town or NSVFC deem it to be in the public interest to do so, or to delete or reduce the scope of any work in order to bring the cost within available funds. The Town or the NSVFC also reserves the right to accept or reject bids based on the availability of funds and/or State Grants for this project. No bidder can claim any contract rights by virtue of bidding alone. Awarding of the contract means actual written notice by letter and a properly executed purchase order to the bidder or bidders that the contract has been awarded.

Bidders should be advised that should budgetary constraints dictate, part and/or all of the items listed in this bid may be rejected. This decision shall be considered final and not subject to recourse by the bidder.

In determining the lowest or highest responsible bidder, the Town, the North Stonington Vol. Fire Co., Inc. or its designated agent reserves the right to consider, in addition to price, the compatibility, quality, cost of maintenance and availability of parts, experience of the bidder, sufficiency of the resources of the bidder as relates to the offerings as well as the ability of the bidder to provide future maintenance and service.

DOCUMENTS PREVIOUSLY SUBMITTED TO THE NORTH STONINGTON VOL. CO., INC. OR THE TOWN OF NORTH STONINGTON WILL NOT BE CONSIDERED AS SATISFYING SUBMISSION REQUIREMENTS FOR THIS BID.

INSURANCE CERTIFICATES, PERFORMANCE BONDS AND/OR PAYMENT BONDS, WHEN REQUIRED, ARE TO BE SUBMITTED BY THE SUCCESSFUL BIDDERS PRIOR TO COMMENCEMENT OF WORK.

The Town reserves the right to require successful bidders to enter into such security arrangements as are deemed necessary to protect the Town of North Stonington and the North Stonington Vol. Fire Co., Inc. property and goods.

Facsimile Transmissions - Submission of this bid or any portion of this bid and/or any documents relating to this bid by means of Facsimile Transmission (fax machine) is unacceptable and will not be considered in the bid process.

Successful bidder shall provide any/all additionally required non-collusion affidavits, affirmative action statements, fair employment plans and non-discrimination programs and statements as might be required by the Town.

Executive order number 3 inclusive of all its amendments thereto relative to equal employment opportunities and implementation rules and regulations of the Department of Labor on equal employment opportunities are incorporated herein by specific reference (copy enclosed).

Executive order number 7B inclusive of all its amendments thereto relative to Connecticut employment services, implementation rules and regulations are incorporated herein by specific reference (copy enclosed).

In connection with the execution of this bid, subsequent purchase orders and/or contracts, the seller shall not discriminate against any employee or applicant for employment because of age, race, religion, color, sex or national origin.

The successful bidder shall not employ any subcontractor to fulfill any of the duties as herein specified without express, prior written approval of The Town and/or the North Stonington Vol. Fire Co., Inc. and/or its designated agent.

It is to be understood that any/all specifications and/or plans or drawings contained in or developed as a result of the bid process are and shall be presented subject to the approval of the North Stonington Vol. Fire Co., Inc. to confirm to industry standards and all applicable current NFPA standards. Awards made prior to said approval are subject to cancelation.

BID SCOPE

It is the intent of this bid is to cover the refurbishment/refit process of The North Stonington Volunteer Fire Company Incorporated 1995 E-ONE Cyclone TC custom Pumper, with a goal of obtaining increased safety and service life of the apparatus. These specifications cover minimum requirements as to the type of repairs, construction, finish, and tests to which the apparatus must conform, together with certain details as to equipment and appliances to be furnished. Minor details of construction, materials, where not otherwise specified, are left to the discretion of the contractor who shall conform to industry standards and all applicable requirements of the current NFPA standards. Exempt are original designs that remain.

Bid Specifications

See Addendum A

BID DIRECTIONS

Bids to be considered must be presented on the sheets provided within this bid. Additional information sheets may be attached. All entries must be typed or entered in ink. Pencil entries may be cause for rejection of the bid.

Prices must hold for at least 90 days after opening.

YES	Bid bond is required with this bid	see pages 2-8
Yes	Proof of insurance is required with this bid	see pages 2-8
NO	Performance bond is required with this bid	see pages 2-8
Yes	Non-collusive bid statement must be submitted with bid	
Yes	Descriptive literature and item(s) specifications must be submitted with bid	

BID SHEET

By submitting this bid, bidder agrees to all of the provisions and conditions contained herein pages 1 through 26.

The Town reserves the option to extend any contract or award developed under this bid, under the same terms and conditions, for a period not to exceed the length of the original award, if agreeable to both parties.

North Stonington Volunteer Fire Co., Inc.

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Addendum A

REQUEST FOR REFURBISHMENT/REFIT PROPOSAL

Engine 2 Refurbishment

The Town is seeking bids for a refurbishment/refit of their 1995 E-ONE Cyclone TC. Pumper. The project will include replacement of DOT/Emergency Lighting, Mechanical inspections, pump/plumbing upgrades, and other upgrades as provided in specification sheet.

Proposals will be received at the North Stonington Old Town Hall, 40 Main Street, North Stonington, Connecticut, 06359, not later than October 15 , 2013 at 3:00 PM.

Upon review of bids, The Town of North Stonington will select a single contractor to provide all Engine 2 Refurbishment/Refit improvements. Negotiations may be undertaken with the contractor whose understanding, qualifications, experience, technical approach, design concept and financial terms show them to be qualified, responsible and capable of performing the services. The contract that may be entered into will be that most advantageous to the Town. The Town and the North Stonington Vol. Fire Co., Inc. reserves the right to reject any and all proposals and to waive any irregularities or informalities.

Addendum A (Cont.)

A. - Pre-Refurbishment Inspections		
Chassis		
Brakes		
Steering		
Suspension		
Cab Structural		
Body Structural		
Fire Pump Plumbing		
Poly Water Tank		
Total		\$ _____
B. - Pre-Refurbishment Tests		
NFPA Pump Test		
Foam System Test		
Total		\$ _____
C, - Chassis/Body Components		
1. Replace driver & passenger side windshield with O.E.M. Replacement		\$ _____
2. Disassemble (Removal of cab and body from Chassis)		\$ _____
Prepare and overall refinishing of the apparatus cab and body per O.E.M Guidelines		
Polish and reassemble as required including all new door gaskets (See Addendum B for Details)		
3. Replace Fuel Tank strap with Stainless steel		\$ _____
Total		\$ _____
D, - Electrical/Lighting		
1. Replacement off all existing D.O.T. Lighting with L.E.D. Equivalent		\$ _____
2. Light bar .		\$ _____
72" Whelen Edge Ultra Freedom Super L.E.D 10 Light Head (See Technical Drawing)		
8 Red Dual 400 Series Super L.E.D.		
2 Clear Dual 400 Series Super L.E.D. (Center of Light Bar)		
2 Dual LR11 Take Down Lights		
3. Front Lower Warning		\$ _____
Original 600 Series Rotating Lights To Remain with Lenses to be polished		\$ _____
Installation of 2 Whelen 600 Series Super L.E.D. Red Lenses		\$ _____
4. Side Lower Warning		\$ _____
Installation of 2 Whelen 700 Series Super L.E.D. One Each Side Of Front Bumper Ext - Split R/Cl W/ Clear lens		\$ _____
2 Whelen 700 Series Super L.E.D. Installed one each side over Rear Wheels - Split R/Cl W/ Clear lens		\$ _____
2 Whelen 500 Series Super L.E.D. Installed 1 on each side of rear Sides of truck – Red W/ Red Lens		\$ _____
2 Whelen 500 Series Super L.E.D. Installed 1 on each side lower mid-ship of truck – Red W/ Red Lens		\$ _____
5. Rear Lower Warning		\$ _____
Whelen 700 Series Super L.E.D. - Red W/ Red Lens		\$ _____

6.Rear Upper Warning	\$
2 Whelen #RB6t red rotating beacons (Halogen)	\$
7. Replace existing 500 Series Halogen in Rear Arrow Stick With Whelen 500 Series L.E.D. Light Heads	\$
8. Scene Lighting	
Replace with 4 Whelen Pioneer Plus Flood Light Model: (Whelen PFP2Ap)	\$
2 Forward Light to be mounted on existing polls	\$
2 Rear Light to be mounted on existing pedestals	\$
9.Replacement Of Existing all Under Body, Compartment & Step lights With L.E.D.	\$
Upgrade of 19 Compartment Light	\$
Upgrade of 8 Step Lights	\$
Upgrade of 4 Ground Lights	\$
10. Installation of Whelen Strip Light Series 4 Color L.E.D. tank Level Light and associated sensors/drivers as required (Model Number PSTANK) see Technical Drawing	\$
Total	\$
E, - Interior Repairs and additions	
1. Reupholstering of officer and all rear lower seat cushions as original	\$
2. Reupholster of entire Drivers Seat as original	\$
3. Replacement of any inoperable cab instruments, gauges, and switches. Also calibrate test of all gauges.	\$
4. Fabrication of Thermal Imaging Camera (Non-charging Mount) Placement subject to company approval	\$
5. Fabrication of mount for existing in cab handheld spot light placement subject to company approval	\$
6. Replacement of existing hand lights in rear with 4 Vulcan L.E.D. Hand lights and chargers	\$
Total	\$
F, - Exterior	
1. Add Rear Red/Yellow chevron (See Technical Drawing & Addendum B)	\$
2. Letter and stripe to Match NSVFC Newest apparatus	\$
3. Add Hose retention per NFPA (See Addendum B)	\$
A. Front Jump line (Buckle & Strap) (See Addendum B for Details)	\$
B. Side Five Inch Pony Tray (Buckle & Strap) (See Addendum B for Details)	\$
C. Hose bed Cover (See Addendum B for Details)	\$
D. Cross lay Cover (See Addendum B for Details)	\$
E. Cross lay Cover (Between cab and body) (See Addendum B for Details)	\$
Total	\$
G. - Pump	
1.Replacement of steel pump plumbing with Stainless Steel To include	\$
A. Manifold	\$
B. Deck Gun Piping	\$
C. Rear Discharges	\$
D. Intake Relief Valve	\$
2. Installation of Auxiliary Foam Pick Up (See Addendum B)	\$
Total	\$
H, - Finish work for delivery.	
	\$

1. Interior/Exterior Detailing:	\$
Total Of Full Project	\$

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Addendum B

Detailed Specifications

Engine 2 Refurbishment

EVALUATIONS AND TESTING

- Pre-Refurbishment Inspection (Pumper)

Prior to the start of the refurbishing process, the successful bidder shall perform a complete and thorough inspection of the apparatus by an OEM approved and EVT certified technician (Proof of certification is required). The inspections shall include checks on the chassis, brakes, steering, and suspension systems to confirm proper function and to disclose any possible wear and or damage. Also, a visual structural inspection shall be performed on the apparatus cab, pump enclosure, body, and water tank sub-frame. The department shall be notified along with any associated cost(s) should any repairs be required that fall outside the scope of these specifications. No additional repairs shall be performed without proper authorization by the department. There shall be No exceptions to this requirement.

- Pump and Foam System Test

The fire pump and related components shall be tested in accordance with Chapter 18 of the NFPA 1911 "Standard for the Inspection, Maintenance, and Testing of In-Service Apparatus" A pump test report shall be provided for the Department's service records. After completion of the pump test the apparatus' foam system shall be tested to confirm proper operation at varying proportioning ratios. The department shall be notified along with any associated cost(s) should any repairs be required that fall outside the scope of these specifications. No additional repairs shall be performed without proper authorization by the department. There shall be No exceptions to this requirement.

- Steam Clean Apparatus

The apparatus' cab, chassis, powertrain, fire pump, body, and related components shall be thoroughly steam cleaned. There shall be No exceptions to this requirement.

- Evaluate AC and DC Electrical Systems

The components of the apparatus' DC and AC electrical systems shall be inspected to confirm their condition and performance. The inspections shall include but not be limited to a check for proper voltage, amperage, and hertz as required. The AC generator, DC alternator, and their related components shall be visually inspected for wear and or damage. The system(s) cable ends and wiring junctions shall be inspected for corrosion and signs of overheating. The department shall be notified along with any associated cost(s) should any repairs be required that fall outside the scope of these specifications. No additional repairs shall be performed without proper authorization by the department. There shall be No exceptions to this requirement.

2. CAB / BODY

- Reupholster seating

The driver's seat base and back shall be re-upholstered as original. The remaining five (5) cab seat bases shall be re-upholstered as original.

- Windshield Replacements

Supply and replace driver and officer side front windshields with OEM Replacements, with new gaskets

- NFPA/DOT Compliant Seatbelts

Supply and install six (6) new OEM NFPA/DOT compliant "red" seat belt(s) in the cab. The drivers and officers engine enclosure shall have a stainless steel protective plate installed at the seat belt buckle area to prevent damage to the upholstery.

- Gaskets

All cab door, body door, and hardware gaskets shall be replaced using that of the original design. This shall also include all cab door handles, hinges, D-ring handles, grab rail stanchions, folding steps, and accessory that are mounted on painted surfaces.

- Hose Protection / Retention

Hose Bed Cover

A cover constructed of Red 18oz. PVC Vinyl coated polyester shall be installed over the apparatus hose bed. The basic fabric shall be 1000 x 1300 Denier Polyester with a fabric count of 20 x 20 per square inch.

The front edge of the cover shall be mechanically attached to the body. The sides of the cover shall be held in place with nylon covered elastic synthetic rubber cord with stainless steel hooks

spaced approximately 12” apart running the length of the hose bed as original. The rear of the cover shall have an integral flap that extends down to cover the rear of the hose bed. This flap shall be secured in place with heavy duty nylon straps to comply with the latest edition of NFPA standards.

On the top of the Hose bed (Center) cover will have two 24” white letters the number “12” stitched into it. The rear flap shall have “ENG2INE” Stitched onto it with white letters to be 6” in size and the number to be 8” in size.

Fill Tower Cover

A cover constructed 18oz. PVC vinyl coated polyester shall be installed for the fill tower(s). the base fabric shall be 1000 x 1300 Denier Polyester with a fabric count of 20 x 20 square inch.

The front edge of the cover shall be sewn to the vinyl hose bed cover. The sides and rear of the cover shall be held in place with heavy duty Velcro strips.

Location: Front driver side top of the hose bed.

Cross Lay Cover Sides & Between Cab and body

Cover constructed 18oz. PVC vinyl coated polyester shall be installed for the crosslay(s). The base fabric shall be 1000 x 1300 Denier Polyester with a fabric count of 20 x 20 square inch.

The cross lay cover shall be secured in place with heavy duty nylon straps to comply with the current edition of NFPA standards.

Location: Driver and Officer Side Pump Panel

Hose Tray Securing Straps

A heavy duty black nylon strap with an aluminum quick release buckle shall be provided for the running board hose tray (s). The strap shall be attached to the inboard side of the tray as low as practical to allow cinching of strap for securing tray contents and shall not reduce the overall tray capacity.

Location: Officer Side Running Board, Front Bumper

- Drip Rail Extrusions

Supply and install new OEM anodized aluminum drip rail extrusions on the cab and body as original. The new drip rails shall be installed using heavy duty double stick adhesive tape as original. No through mechanical fasteners shall be allowed.

- New grab rail stanchions

Supply and install new lower grab rail stanchions as required to replace damaged or defective stanchions. This shall include new gaskets and mounting bolts (Stainless Steel).

3. ELECTRICAL

- Lightbar - NFPA Upper Level Forward Warning

Supply and install a one (1) Whelen Freedom 72" LED lightbar model # FN72VLED in place of the existing cab lightbar. The new lightbar shall be controlled and wired for power as original.

The lightbar lenses shall be clear and the LEDs shall be red in color. The new lightbar shall be equipped with two (2) forward facing LED take down lights to provide forward scene lighting. A new switch shall be added to the dash to control the new take down lights. NOTE: In order to provide stationary scene light function the take down lights will not be wired per NFPA (i.e. To be disabled when the apparatus is stationary).

- Beacons - NFPA Upper Level Rear Warning

Supply and install two (2) Whelen model # L31 LED beacons. The new beacons shall be installed one each side on the rear apparatus stanchions in place of the original beacons. The new beacons shall be red in color and wired to power and controlled by the original dash switch.

- NFPA Lower Level Warning - Cab

Supply and install two (2) new Whelen 600 series red LEDs on the lower front cab in place of the original warning lights. Supply and install two (2) new Whelen 700 series split red/clear LEDs one each side on the cab front bumper filler in place of the original warning lights. The new warning lights shall be wired and controlled as original. The two (2) existing oscillating warning light lenses on the front of the cab shall be replaced new as original.

- NFPA Lower Level Warning - Body

Supply and install two (2) new Whelen 700 series split red/clear LEDs one each side on the left and right body fenders in place of the original warning lights. Supply and install two (2) new 700 series red LEDs at the lower rear facing body in place of the original warning lights. Supply and install two (2) new 500 series red LEDs one each side of the rear body side rub rails. The lights shall be wired and controlled as original.

- Upgrade Traffic Advisor

The existing traffic advisor shall be inspected for proper operation and then updated with new Whelen 500 series LEDs. The new LEDs shall be amber in color.

- Compartment Lights

The existing nineteen (19) body compartment lights shall be removed and replaced with direct replacement LED compartment lights. The compartment door switches will be checked for proper operation.

- Cab Dash

The cab dash gauges and switches shall be checked for proper operation. The cab dash panel lights shall be replaced as required. The department shall be notified along with any associated cost(s) should any repairs be required that fall outside the scope of these specifications. No additional repairs shall be performed without proper authorization by the department.

- DOT Lighting

The stop/tail, directional and back-up lights shall be updated to Whelen 600 series hi output LED direct replacements. The front amber turn signals shall be upgraded to Whelen 600 series LED. An LED flasher / load device will be installed in the turn signal circuit if required for proper function.

- Telescoping Light Heads

Supply and install four (4) Whelen Pioneer PFP2AP 120 VAC tele-light heads on the existing telescoping poles. The new light heads shall be powered and controlled as original.

- Cab Dome Lights

The cab dome lights shall be tested for proper operation and their lenses & mounted switches replaced as required.

- Step and Ground Lighting

Supply and install four (4) new LED cab step lights in place of the original incandescent cab step lights. The cab door switches will be checked for proper operation. Supply and install four (4) new LED body step lights in place of the original incandescent body step lights. Supply and install four (4) new LED ground lights in place of the original incandescent apparatus ground lights. The lights shall be wired and controlled as original.

- Pump Panel Light

Remove and replace the existing pump panel lights and install LED direct replacements. The new lights shall be powered and controlled as original.

- Master Power Box

Remove and replace the existing steel master relay box with a heavy duty corrosion resistant plastic enclosure. The internal electrical components shall be evaluated prior to being installed in the new box. The department shall be notified along with any associated cost(s) should any repairs be required that fall outside the scope of these specifications. No additional repairs shall be performed without proper authorization by the department.

(Upon completion of all Electrical work a new wiring diagram will be supplied to the North Stonington Volunteer Fire Company Inc.)

4. PUMP & PLUMBING RELATED

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Inspection and replacement (if needed) of Booster Tank Mounts

- Water Tank Level Gauge

Supply and install two (2) Whelen Strip-Lites (#PSTANK), one each side vertically behind the front cab doors. The Strip-Lites shall be wired to the existing water tank level gauge with the added interface module and shall be color graduated to indicate the booster tanks water level.

- Pump Discharge Manifold

The pump discharge manifold shall be replaced new with stainless steel.. After the manifold's replacement the pump and all related components shall be vacuum and pressure tested to confirm the vessel is free of leaks.

- Pump Plumbing - Additional

The pump deck gun, rear discharge(s), intake relief valve, and preconnect steel plumbing shall be replaced with stainless steel. After the plumbing is replaced, all related components shall be vacuum and pressure tested to confirm the vessel is free of leaks.

- Auxiliary Foam Pick UP

Supply, install and plumb an Elkhart auxiliary "Foam Supply Kit" at the driver's side pump panel. The kit shall include the panel mounted valve assembly, pick up tube quick connector, pick up tube connector plug, pick up tube, and escutcheon plate.

- Rebuild pump ball valves (up to 3")

The ball valves for pump shall be removed, inspected, and rebuilt using OEM rebuild kits. The valve bodies and flanges shall be checked for signs of distortion.

5. PAINT

- Paint Cab and Body

The apparatus' cab exterior shall have no mounted components or accessories prior to painting to assure full coverage of metal treatments and paint to the exterior surfaces. The cab doors shall be painted separately to assure proper paint coverage on cab, door jambs, and door edges. The cab and body shall be refinished using a DuPont Chroma-Premier paint system and applied by DuPont and ASE certified painters. Painter certifications and a paint warranty shall be supplied with the bid. The apparatus' body exterior shall have no mounted components or accessories prior to painting to assure full coverage of metal treatments and paint to the exterior surfaces. Compartment doors shall be painted separately to assure proper paint coverage on body, doorjambs, and door edges. There shall be No exceptions to this requirement.

- Prepare and Paint Chassis Components

The chassis and chassis mounted components shall be thoroughly steam cleaned. Any accessible areas of surface corrosion shall media blasted, prepared, and then the entire chassis, axles, related components, and fire pump shall be refinished with black POR15 brand chassis paint system. Prior to treatment and refinishing, the apparatus wheels and fuel tank shall be removed to provide full access to the chassis. Extreme care is to be taken as to not damage sensitive chassis mounted components during media blasting. There shall be No exceptions to this requirement.

- Clean Hardware

All hardware and body components shall be thoroughly cleaned prior to reinstallation.

- Corrosion Protection

During the reassembly process all mounted components that penetrate the newly painted apparatus exterior shall utilize new gaskets and their hardware and mounting surface coated with ECK protectant as per the apparatus OEM's guidelines. There shall be No exceptions to this requirement.

- Cab Door Window Frames

The cab door window frames shall be prepared and painted black as original.

- Wheel wells

The front and rear wheel wells shall be prepared and painted or undercoated black.

- Finish Lettering

The finished apparatus shall be re-lettered and striped to match the department's design. The final design and layout shall be approved by the department.

- NFPA Scotchlite Stripe

Supply and install a six inch tall Scotchlite stripe down the length of the apparatus according NFPA guidelines. The final design and layout shall be approved by the department.

- New body reflectors

New body reflectors shall be installed as original. This includes four (4) red and four (4) amber.

- Rear Body Chevron

The Rear Roll-up door, and sides of rear body to be fitted with chevron to match the design of the North Stonington Volunteer Fire Companies newest Engine The final design and layout shall be approved by the department.

6. **MISCELLANEOUS**

- Final Cleaning / Detailing

Upon completion of all repairs and prior to delivery the apparatus shall be thoroughly cleaned and detailed.

- Cab Spot Light and Thermal Imaging Camera Mount

Supply and install a non-charging mount in the cab for the department supplied cab spot light and thermal imaging camera. The mount locations shall be approved by the department.

- Vulcan LED Streamlights

Supply and install four (4) Vulcan LED Streamlights with 12vdc chargers in the cab. The charger locations shall be approved by the department.

REQUEST FOR REFURBISHMENT/REFIT PROPOSAL

Engine 2 Refurbishment

TABLE OF CONTENTS

SECTION

21

PAGE

North Stonington Engine 2 Refurbishment

I.	THE SELECTION PROCESS	
A.	Purpose	21
B.	Timetable	21
C.	Submission of Proposals	21
D.	Selection Criteria	21/22
II.	RFP PROCEDURES	
A.	Point of Contact	23
B.	Submission of Proposals	23
C.	Proprietary Information	23
D.	Right to Reject	23
E.	Cost of Proposal Preparation	23
F.	Technical Requirements	23
III.	PROPOSAL FORMAT AND CONTENTS	
A.	Respondent Background and Qualifications	24
B.	Technical Aspects of the Proposal	24
C.	Financial Aspects of the Proposal	24
D.	Performance Bond	24
E.	Schedule for Completion of the Project	.26
F.	Outline of Proposal Contents	.25/26
IV.	TECHNICAL INFORMATION APPENDIX	.26/27

INSTRUCTIONS TO BIDDERS AND SELECTION CRITERIA

- I. THE SELECTION PROCESS
 - A. Purpose

The purpose of this Request for Proposal is to procure turn-key refurbishment/refit of the Engine 2 of the North Stonington Volunteer Fire Company, The goal is to retain this piece of apparatus for 10 plus years and keep it current with new Firefighting standards. Thus saving the town from needing to purchase a new piece of apparatus

B. Timetable

The Town and the North Stonington Vol. Fire Co., Inc. expects to undertake the selection process described below according to the following schedule:

Submission of bids	October 15 , 2013 at 3:00 PM
Selection of Contractor	October, 2013

C. Submission of Bids

Invited contractors will submit proposals as described below. To qualify to submit a bids, invited contractors must perform a mandatory pre-proposal equipment inspection on No bid will be accepted unless the prospective bidder has thoroughly inspected the vehicle and become fully knowledgeable as to the work to be performed prior to submitting a proposal. Appointments for inspection shall be made through the Fire Chief, Engine 2 Refurbishment/Refit Committee.

D. Selection Criteria

All bids will be evaluated and a selection made based upon the criteria and other factors as the Town and the North Stonington Vol. Fire Co., Inc. deems to be in its best interests.

Bids will be evaluated on the basis of the following criteria:

a) Service Requirements

It is the intent of the bidder to assure that parts and service are readily available for the apparatus specified. Service capabilities will be a major criteria for award of this proposal. The facility must provide access to complete parts and service. The facility must be staffed by full time personnel who are factory trained EVT/ASE Certified in the operation and repair of the fire apparatus, including the pump, with full authorization of the manufacturer. In addition, in order to ensure prompt service, the facility must be solely dedicated to the service/repair of emergency vehicles. Facilities that cater to construction and fleet trucks (i.e., highway dept., DPW, oil, concrete, etc.) will not be considered. Unless the facility maintains a complete inventory including pump parts, body components, electrical items, fire apparatus hardware, etc., and shall offer on-site services including pump overhaul, body fabrication, collision repair, and a paint shop complete with a cross flow booth with air makeup

and bake options to insure the highest quality paint finish available. The bidder must also operate an on-site pump test facility and must be an "Authorized Parts and Service Center" for Hale Pumps, and provide proof thereof. Bids from manufacturers who use third party service people or facilities, or who do not offer a service center could be immediately rejected.

b) Emergency Vehicle Technician Qualifications

Due to the highly specialized nature of fire apparatus repair, emergency vehicle technicians (EVT's) employed by the bidder shall be in conformance with NFPA standards 1915 and 1071. The bidder shall employ E.V.T. certified technicians (including a minimum of one (1) lead technician certified as a "Master EVT and ASE Truck Technician") that are exclusively dedicated to the service and repair of fire apparatus. Furthermore, the bidder shall employ painters that are certified by DuPont and ASE for Automotive Refinishing.

Proof of current certifications shall be supplied with the bid.

There shall be no exceptions to this requirement. Bids from organizations that do not meet these requirements shall be immediately rejected.

c.) Project Management

The bidder must employ a full time on-site manager to oversee the project. Due to the complex nature of emergency apparatus the project manager must have a minimum of a Bachelor's Degree in Mechanical Engineering or proper equivalent.

2. Proposed Design

Preference will be given to proposals that provide a detailed and sound technical approach to meeting the Town's objectives. Bidders are to provide a conceptual drawing and job description and list of materials including all aspects of the Engine 2 Refit/Refurbishments and integration with existing systems.

3. Warranty

Preference will be given to proposals demonstrating an ability to carry out the tasks and responsibilities A complete list of warranty info (Certified) on paint, electrical, body work and all other work done by the contractor as in parts and labor as previously discussed, is to be supplied by the bidder in their sealed Bid. Preference will be given to companies who offer a longer warranty.

4. Cost

Preference will be given to proposals that responsibly maximize the net economic benefit while minimizing the risk to North Stonington Volunteer Fire Company Incorporated through the proposed Engine 2 Refurbishment/Refit. Factors that will be considered include the overall project cost.

5. Project Schedule - Ability to Implement Project Promptly

Preference will be given to proposals demonstrating an ability to carry out the tasks and responsibilities outlined in the proposal, including project management and the procurement in a prompt and efficient manner.

6. Disqualifiers

The North Stonington Volunteer Fire Company Incorporated and The Town of North Stonington reserve the right to disqualify bids for the following reasons

1. Unsatisfactory Previous Work History.
2. Not inspecting the truck before the Bid due date.
3. Not meeting any terms previously discussed in this document.

II. RFP PROCEDURES

A. Point of Contact

Email @ Jtuttle@nsvfc.org

C.C. Chief@nsvfc.org

B. Submission of Bids

Respondent should submit its bids addressed to James Tuttle, Chairman Engine 2 Refurbishment/Refit Committee, Town of North Stonington, Old Town Hall, 40 Main Street, North Stonington, CT 06359

Bids must be received by the submission deadline, **not later than October 15 , 2013 at 3:00 PM**

Bids received after the time and date specified above will be disqualified and returned unopened.

C. Right to Reject

In submitting this bids, it is understood by the respondent that the right is reserved by the Town and the North Stonington Vol. Fire Co., Inc. to accept any proposal, to reject any and all proposals as non-responsive and to waive any irregularities or informalities when to do so is in their best interests. Bids must be submitted in the format outlined in this section. Respondents not utilizing this format will be considered non-responsive. Each bid will be reviewed to determine if it is complete prior to actual evaluation.

D. Cost of Bid Preparation

The cost of preparing a response to this RFP, including equipment inspection visits, will not be reimbursed by the Town or the North Stonington Vol. Fire Co., Inc.

E. Technical Requirements

Engineering and design shall be performed in accordance with generally accepted engineering practices and professional judgment. All direct engineering and design work and the installation or modifications shall be performed by engineers and contractors respectively licensed in their State of practice and in accordance with all applicable NFPA and DOT codes.

G. Equipment Conditions

Before submitting a bid, each Respondent at their own expense, shall make a mandatory equipment examination to familiarize themselves with the observable existing conditions of the apparatus at North Stonington Vol. Fire Co., Inc. Headquarters. The submission of a bid will constitute a representation by the Respondent that Respondent is familiar with the observable existing conditions. **Bids from Respondents who fail to send a representative to the pre-bid site examination will receive no consideration.**

III. BID CONTENTS

A. Respondent Background and Qualifications

Section A of the Bid should contain the following information about the respondent (the "Prime Contractor") and any subcontractors the respondent intends to utilize for work on the project: (See F)

B. Technical Aspects of the Proposal

Section B of the proposal should contain the following information about the respondent's technical approach to meeting Engine 2 Refurbishment/Refit project objectives:

1. Written description of the proposed Engine 2 Refurbishment/Refit design including:
 - a. See Addendum A

C. Financial Aspects of the Bid

Respondents shall provide an itemized bid, for a complete turn-key price to implement the recommended improvements. Total costs shall include but not be limited to necessary removal, repair, equipment replacement, equipment upgrades and alterations to all mechanical, electrical and cosmetics of the Pumper for the design and to provide a completely functional Pumper. The total proposal amount shall include all materials, labor, equipment, general conditions and certifications to provide a complete project. (Complete Addendum A worksheet)

Respondents shall clearly define any exclusions as part of their proposal. Respondents shall also state any concerns regarding potential repairs to hidden or abnormal physical conditions in the pumper.

D. Bid Bond required.

Each bid submitted shall be accompanied by a Bid Bond issued in the form of a certified check, bank treasurers check, cashiers check, or a bid bond issued in their name by a surety company, in

the amount of (5%) of the proposed bid amount, made payable to the Town of North Stonington, Connecticut.

The bond deposits held shall be returned upon execution and delivery of the Contract, except that if the selected bidder fails to execute and furnish the required bonds and insurance certificates, the bidder's deposit shall become the property of the Town of North Stonington Awarding Authority as liquidated damages.

In instances of death, disability, or other unforeseen circumstances affecting the bidder, which materially impairs the bidder's ability to execute a contract and perform the required service, said bond deposit may be returned.

After execution of the Contract and acceptance of the bond(s) by the Town of North Stonington, the bond deposits accompanying the successful proposal will be returned, as well as the deposits of the other bidders.

All bond deposits will be returned upon execution of a Contract, or if no award is made within sixty(60) days after the date of the opening of the bids.

E. Schedule for Completion of the Project

Provide a proposed project schedule showing major tasks to be completed.

F. Required Outline of Responding Proposal Executive Summary

Section A: Contractor Background and Qualifications

- General Information on Contractor and Major Subcontractors
- Project Team Resumes
- Annual Reports or Financial Statements
- Project Team Relevant Experience
- Certificate of Insurance(s)

Section B: Technical Aspects of the Proposal

- Proposed Improvements (See Addendum B)

Section C: Financial Aspects of the Proposal

- Proposal Amount
- Life-Cycle Cost Analysis
- Warranty
- Performance

Section D: Schedule for Completion of the Project

- Project Schedule

Section F: Additional Information

- Any additional information the respondent believes to be relevant to the Town's selection efforts may be included in the proposal.

IV. TECHNICAL INFORMATION APPENDIX

SEE ATTACHED TECHNICAL DRAWINGS

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Town of North Stonington
Board of Selectmen
September 17, 2013
New Town Hall Conference Room
Regular Meeting
7:00 PM

AGENDA

Call to Order -7:00 PM with Selectmen Mullane, Murphy, and Donahue present

Public Comments and Questions-None presented

Minutes-A motion was made by Selectman Murphy and seconded by Selectman Donahue to approve the minutes of September 10, 2013, carrying. 3-0

Correspondence-

- North Stonington Historical Society newsletter
- Various agendas for weekly meetings
- Spill Report for 240 Norwich Westerly Road-DEEP
- Lions Locker Room-Offers gently -used sporting equipment sponsored by the Rec Commission
- North Stonington Today-Recreation Newsletter
- SCRRRA monthly newsletter
- Connecticut Town and City

Old Business-

1. Tribal Issues-Acknowledgement Issues-Pending Litigation
2. Subdivision Review and Planning and Zoning Issues-No action
3. Permanent School Building Project Committee
 - A. Permanent School Planning and Building Committee Projects
 1. Things to Do List-
 2. Sealing of Gymnasium, Final Wall-Work has begun
 3. Other Projects for FY 2013-14- Committee working on Emergency Generator for High School Server Room
4. Hewitt property
 - A. Committee Report-No report
 - B. Dam Repairs-Re-Engineering
 - C. Greene Gables meeting-Frank Eppinger, President of the NS Historical Society, F. Burdick, B. Peterson, B. Douglass and K. McBride from the Historical Society and Nita Kincaid, E. Banker, D. Cooper for general discussion of options available to the Town.
5. New EMS Facility-No report
6. NSVFC Engine 2 Fire Truck Refurbishment-Specifications will be done and ready for advertising.
7. Boombridge Road Bridge- Design 70% Design with ConnDOT for review and approval to continue
8. Grant applications/administration

Water Study Ex. 92 X I95With DPH for approval to sign with contractors and start work.

2014 STEAP Grant-Presented SECOG report and position draft for COG to lobby for Southeastern CT STEAP Grant Applications.

9. Authorities, Boards, Committees, and Commissions appointment-No activity

Permanent School Planning and Building Committee Water Pollution Control Authority

Cable TV Advisory Committee Economic Development Commission

Eastern Regional Mental Health Board, Inc. Inland Wetlands Commission

Conservation Commission EMS Facility Members

10. Flood Damage Status Report/Repairs Update/ Action Items

Main Street Bridge-Budget--\$1,975,000 Spent--\$1,881,759 Variance--\$93,241

Village Green Bridge-Completed, will execute close-out

Town Hall brook parking lot retaining walls-Ready for advertisement, need easement from Frank and Kellene Limpert

11. Budget 2012-13-Closeout-Complete

Budget 2013-2014-Copy of August Manger's Report done to be provided

Tax Refunds/Tax Collections/Suspense Tax Book

Traffic Control-Trying to hire a traffic engineer to conduct Village Study

12. Unions/Personnel Matters-Executive Session-Board went into Executive Session at 10:10 PM, adjourned at 10:40 PM No action

AFSCME Union Application

United Steelworkers Collective Bargaining Agreement Acceptance and

Approval

13. Special Town Meeting -Will prepare a package for Special Town Meeting

DUI Grant

EDC Ordinance

Open Space Ordinance

Acknowledgment Lawyer Additional Appropriation

EMS Complex Committee Ordinance

New Business

1. Tax Refund(s)-None presented

2. Recreation Area Improvements-List of things to do discussed, wait until Spring for action

3. Purchase of a Bucket Truck-Highway Foreman Holliday can not find a vehicle at \$40,000, others in price range of budget have sold, asked if could use other budget monies towards purchase. Selectmen want bid process to compare trucks available. Board would like to see for sale items to justify purchase without bid.

Public Comments and Questions-None presented

Adjournment-10:45 PM

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