



**TOWN OF STRATFORD
PURCHASING DEPARTMENT
STRATFORD, CONNECTICUT**

BID No. 2009-009

Issued : February 11, 2009

Subject : Police Marine Boat

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

A. CLOSING DATE:

Bids will be received until 3:00 pm March 10, 2009, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

B. INSTRUCTIONS:

All proposals must be addressed to the attention of the Purchasing Agent, in a sealed envelope with bid subject and number on the face thereof. Proposals may be mailed or submitted in person. FAXED PROPOSALS ARE NOT ACCEPTED.

C. CONDITIONS:

Bidders must state specifically what equipment they propose to supply, giving manufacturer's name, model number, etc. A detailed description should accompany your bid. Any exceptions to Town Specifications should be listed in your bid response.

Bid Surety:

A Certified Check, Cashier's Check or Bid Bond in the amount of 5% (five percent) of the total bid price must accompany each proposal, made payable to the Town of Stratford. No bid will be considered without this surety. Upon award or rejection of the bid, all Certified Checks or Cashier's Checks received in lieu of Bid Bonds will be returned to the bidders.

Performance Bond

No Performance Bond is required for this bid.

The following information should also be covered in your bid:

Payment: Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

Delivery: Please state as accurately as possible how long it will take to complete delivery after receipt of order, if you are the successful bidder.

Warranty: All proposals must state the exact nature and duration of any warranty applicable to the equipment you propose to sell to the Town.

Taxes: The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

Bid Award: The bid award will be determined by a combination of price, references and equipment proposed.

D. RESERVATIONS:

The Town of Stratford may consider informal any proposal not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all proposals or parts of proposals; to waive defects in same proposals; or to accept any proposal or part thereof deemed to be in the best interests of the Town of Stratford.

Michael Bonnar, Purchasing Agent

SPECIFICATIONS: See next page.

TOWN OF STRATFORD
BID #2009-009

SPECIFICATIONS FOR A
31' POLICE BOAT

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1.0 INTENT OF SPECIFICATION

- 1.1 It is the intent of these specifications to cover the furnishing and delivery to the purchaser of a complete boat and trailer equipped as herein after specified. In order to obtain the best results and the most acceptable boat for service in the Police Department, these specifications cover only the general requirements as to the type of construction and tests to which the boat must conform, together with certain details as to finish, equipment and appliances with which the successful bidder must conform. Minor details of construction and materials, where not otherwise specified, are left to the discretion of the contractor, who shall be solely responsible for the design and construction of all features.
- 1.2 The latest Marine Safety Standards in effect at the time of the bid shall be used. Coast Guard Safety standards may be used as a reference and, unless otherwise specified in these specifications, its requirements shall be met by the bidder. Bidder shall construct the boat in accordance with federal and state laws at the time of bid, any changes in such laws that will affect the cost of producing said boat will be charged to the purchaser.
- 1.3 Bids shall only be considered from companies that have an established reputation in the field of boat construction for a minimum of 10 years.
- 1.4 The hull, collar, and body to be the bidder's own design and manufactured in the factory of the bidder to insure parts availability and undivided warranty responsibility. "Single source" warranty and service provision from one manufacturer is mandatory.
- 1.5 The hull is to be the "top of the line" marine grade aluminum for strength, durability and safety.
- 1.6 The boat must be made in the continental United States, no exception.
- 1.7 Each bidder shall furnish satisfactory evidence of his ability to construct the boat specified and shall state the location of the factory where the boat is to be manufactured. He shall also show that he is in a position to render prompt service and to furnish replacement parts for said boat.
- 1.8 Each bid shall be accompanied by a "Contractor's Proposal" consisting of a detailed description of the boat and equipment proposed, and to which the boat furnished under contract shall conform. **Bidder's proposal shall be in the same order as specifications so that it may be easily compared and checked for compliance. All bid proposals not complying with this requirement shall be rejected.**

1.0 INTENT OF SPECIFICATION (Continued)

- 1.9 The total price on the bidder's proposal sheet must include all items in the purchaser's specifications. Listing any requirement contained in the specifications, as an option at additional cost shall automatically be cause for bid rejection. Y__N__

2.0 TESTING/REQUIREMENTS/CERTIFICATIONS

2.1 PERFORMANCE TEST AND REQUIREMENTS

- 2.1.1 A sea trial shall be conducted with the boat loaded per specifications. The boat shall pass all acceptable standards.

2.2 FAILURE TO MEET TEST

- 2.2.1 In the event the boat fails to meet the test requirements of these specifications on the first trials, second trials may be made at the option of the bidder within 30 days of the date of the first trials. Such trials shall be final and conclusive and failure to comply with these requirements shall be cause for rejection. Permission from the manufacturer to keep or store the boat in any building or property owned or occupied by the purchaser or its use by the Police Department during the above-specified period shall not constitute acceptance.

Y__N__

3.0 LIABILITY

- 3.1 The bidder, if his bid is accepted, shall defend any and all suits and assume all liability for the use of any patented process, device or article forming a part of the apparatus or any appliance furnished under the contract. Y__N__

4.0 DELIVERY

- 4.1 The police boat shall be delivered over the road while still under warranty.
4.2 An experienced and qualified dealer representative shall familiarize Police Department personnel (as designated by the authority in charge) in the proper operation, care and maintenance of the boat delivered.
4.3 The representative must be a qualified agent of the local dealer or a direct employee of the manufacturer of the boat in the event of a direct (factory) transaction.

5.0 CERTIFICATION

- 5.1 The manufacturer shall provide at time of delivery of the boat a certification that all materials used for exterior surfaces designated as stepping, standing and walking areas, all interior steps and all interior floors meet the slip resistance requirements of the most current edition of the marine standards Y__N__

6.0 MANUALS

6.1 MAINTENANCE MANUALS

- 6.1.1 The manufacturer must supply a minimum of two (2) complete operation and maintenance manuals covering the completed boat as delivered.
- 6.1.2 Operation and maintenance manuals shall include vendor provided instruction booklets describing function, control and service procedures. Separate out board motor manufacturer's manuals shall be provided. Charts illustrating the individual wire color, number code, and function shall accompany electrical diagrams.

6.2 PARTS MANUALS

- 6.2.1 Two (2) parts manuals shall also be provided for the boat and motors that shall include an overall boat layout to assist in spare parts selection and identification.
- 6.2.2 Parts manuals shall be keyed to manufacturer's bill of materials code system for ease of locating replacement parts. Where expedient, expanded drawings shall be included to assist in part identification. Y__N__

7.0 GENERAL CONSTRUCTION

- 7.1 The boat shall be designed and the equipment mounted with due consideration to distribution of load so that all specified equipment, full complement of personnel shall be carried without damage to the boat. Construction shall be in accordance the guidelines of American Boat and Yacht Council, American Bureau of Shipping and the USCG. Y__N__

8.0 EXCEPTION TO SPECIFICATIONS

- 8.1 The following requirements shall be strictly adhered to:
 - 8.1.1 Exceptions will be allowed if they are equal to or superior to that specified and provided they are listed and fully documented and explained on a separate page entitled "EXCEPTIONS TO SPECIFICATIONS". The exception list shall refer to specification page number and paragraph.
 - 8.1.2 All exceptions or deviations must be approved in writing by the Stratford Police Department.
 - 8.1.3 Proposals taking total exception to specifications shall not be accepted.
 - 8.1.4 The boat shall be inspected upon delivery for compliance with specifications. Deviations shall not be allowed and shall be cause for rejection of the boat unless they were originally listed in bidder's proposal. Y__N__

9.0 BONDS

- 9.1 Bidder shall supply a bid bond as per instructions in bid document. See boiler plate Y__N__

10.0 APPROVAL DRAWINGS

10.1 Two (2) sets of engineering blueprints, specifically for this boat, shall be kept by the manufacturer. If necessary they could be provided to police department. The blueprints shall show the overall dimensions of the boat, proposed compartment sizes and features, the location of all emergency warning and work lights that are to be provided on the boat.

Y__N__

11.0 GENERAL

- 11.1 Hull shall be a new, heavy-duty, custom marine design built expressly for the emergency service. All standard components that have not been specified shall be provided.
- 11.2 Boat shall be designed, engineered and built by the bidder and be the manufacturer's first line boat.
- 11.3 The hull shall be suitable for heavy-duty service with all components having adequate strength and capacity for the intended load to be sustained and the type of service required.

Y__N__

12.0 DIMENSIONS

#	DIMENSION	MINIMUM	MAXIMUM
12.1.1	Transom Height		30 inches
12.1.2	Beam		10 feet
12.1.3	Inside beam	84 inches	84 inches
12.1.4	Max HP		900 hp
12.1.5	Draft with avg. load		Approx 30 “
12.1.6	Length	31 feet +ob bracket	

Y__N__

13.0 COLLAR SYSTEM

- 13.1 Extreme Duty Reinforced Collar System. Patented solid polyethylene (closed Cell) collar encapsulated by marinated polyurethane membrane with extreme rip-stop reinforcement. SAFE XDR-1 or equivalent.
- 13.2 Upgraded collar system to include upgraded section plus SS D-rings and hand lines. SAFE XDR-2 Collar System Upgrade or equivalent.

13.0 COLLAR SYSTEM (continued)

- 13.2 Standardized colors to include: red, white, blue, gray, orange, purple, black, green
- 13.3 Anti-fouling paint on side plates behind the collar.
- 13.4 Includes standard identification collar lettering

Y___N___

14.0 HULL AND DECK

- 14.1 The Hull is to be constructed of 5/16" marine-grade 5086 aluminum with a 5 stringer system with angled transverse on 12 inch center. It shall be bilge-less, airtight with pressure-tested air chambers.
- 14.2 Low profile dimmable LED deck/walkway lights. Inside and outside independently operated.
- 14.3 Doubled keel beaching plate.
- 14.4 Fabricated outboard bracket with removable quick-release T-Handle style cast Baywood Hatch and secured retracting dive ladder.
- 14.5 Self Bailing decks with 4-inch deck scuppers.
- 14.6 Non-skid decks with 3M Safety Walk. All nonskid edges are sealed with 3M Edge seal
- 14.7 Sacrificial zinc anode.
- 14.8 Performance wings below collar
- 14.9 Dual aft lockers with vented fabricated lids.
- 14.10 Port and starboard aft lockers have independent sub-floors for mounting remote engine items
- 14.10.1 The anchor locker with fabricated lid, anchor tie downs and drain
- 14.10.2 All outside lockers have fabricated aluminum access doors.
- 14.10.3 All locker vents are designed to reduce water intrusion
- 14.11 Six (6) 10-inch cast aluminum weld on cleats.
- 14.12 Non-skid gunwale flanges
- 14.13 Fore and Aft tow posts with SS cross pins
- 14.14 Heavy-duty motor cage/tow line guide
- 14.15 Tow line spool mounted on aft face of radar mast
- 14.16 Fabricated aluminum life ring mount
- 14.17 Oversized rig tubes below deck to accommodate electrical and mechanical rigging.
- 14.18 Flared high volume scupper valves keep aft dry while backing down.
- 14.19 Personnel recovery side plates and collar cutouts. Facilitates PIW recovery.

Y___N___

15.0 FUEL SYSTEM

- 15.1 Fuel fill pod with SS fill and vent
- 15.2 300-gallon fuel tank with formed bottom. (1/4"-5086) no bottom seams. Longitudinal and transverse baffles.
- 15.3 Fuel tank has full size Doublers plates on tank ends to isolate tank from mounting brackets.

15.0 FUEL SYSTEM (continued)

- 15.4 Fuel tank mounting brackets are isolated on rubber mounts to hull structure.
- 15.5 Rancor water separator with see-thru bowl, priming system & self-venting drain. (One per motor); SS swaged fittings, WEMA sender removable for tank cleaning, inspection.

Y___N___

16.0 CABIN, DASH, AND V-BERTH

- 16.1 Full width cabin with forward V-Berth. (insulated and carpeted)
- 16.2 Aluminum weather tight full access cabin side doors (Port and Starboard)
- 16.3 Sliding side aft windows (port & Stbd.) for aft passenger air circulation.
- 16.4 Weather tight hinged aluminum aft door.
- 16.5 Overhead spotter windows. (tinted)
- 16.6 All windows are bolt in safety glass.
- 16.7 OHIP- Overhead fold-down electronics bar.
- 16.8 Three red/white dome lights (two in cabin, one in berth)
- 16.9 Portable 12-volt chart light mounted inside starboard helm.
- 16.10 Two shock-mitigating seats mounted on storage boxes with footrests. Operator and Front passenger seats.
- 16.11 Aft cabin storage lockers, port and starboard, with gasketed exterior access doors. Both doors are to be vented.
- 16.12 Full aluminum handrail system inside and out. Outside rails are wrapped with 3-M grip tape.
- 16.13 Swing down radar pod/antenna/spot light mount
- 16.14 Exterior storage locker suitable for pump can or genset. Vented if needed
- 16.15 No Slip GATOR Grip cabin matting

Y___N___

17.0 RIGGING AND ELECTRICAL

- 17.1 Accessory 12-volt power receptacles.
- 17.2 Fabricated tie bars to secure all wiring
- 17.3 Single marine grade Optima blue battery top with switches and battery box. Battery tie downs fabricated to the deck.
- 17.4 All electrical connections are sealed in marine grade shrink tube.
- 17.5 Recessed toggle style marine grade breaker system with fold-out panels for breakers, battery switches, back lighting and custom labels
- 17.6 Running lights
- 17.7 Port, Starboard and aft flood/deck lights.
- 17.8 Upgraded self-parking intermittent wiper and washer system.
- 17.9 Hydraulic steering. (tilt helm)
- 17.10 Transom rig tubes
- 17.11 Twin overhead air circulation fans.
- 17.12 Two (2) fire extinguishers and mounts.
- 17.13 Compass with backlighting
- 17.14 Twin LE strobe lights.
- 17.15 SeaMach rooftop marine approved air conditioned 13,500 BTU peak -installed w/pump PML 500L, cabin controls SMXIRB, keypad CXP30 and AI grills

17.0 RIGGING AND ELECTRICAL(continued)

- 17.16 Forced air diesel heater and defroster with diesel tank
- 17.17 Single RCL-110D Remote searchlight with control mounted panel at helm.
- 17.18 Flush Mounted Whelen loudhailer system w/speaker
- 17.19 Hailer with fog horn and listening capability
- 17.20 3.2kW 60 Hz Diesel genset w/rigging kit, control panel and muffler- installed. Carbon Monoxide detector included.
- 17.21 Shore Power with galvanic isolator, 11v. panel, built-in battery charger, 25' cord
- 17.22 Boat Outfit Kit includes: 30' mooring lines four(4), four (4) black fenders, telescoping boat hook w/ mounts, bucket w/lanyard, 300' tow line, Fortress anchor with shackles, swivel and 150' line, 24" life ring buoy with distress marker light, spare parts/tool bag, 10- person first aid kit.

Y__N__

18.0 SEATING

- 18.1 One (1) Bentley, Air Suspension Shock Mitigating Seats with arm rests. Behind front seat.

Y__N__

19.0 MOTOR

- 19.1 Mercury Verado. Two (2) 1R,1-L) 300 XXL and 300CXXL Verado 4-stroke(30" transom)
- 19.2 Verado Twin Engine rigging. Rigging to include: Hydraulic steering, tie bar, SS prop, Dual Binnacle, Steering wheel, Safety lanyard, Vessel View digital gauge, two additional starting batteries and installation/labor.

Y__N__

20.0 ELECTRONICS

- 20.1 Furuno NavNet 3D MFD-12 radar/chart plotter w/12.1" color LCD display
- 20.2 Furuno NavNet 3D MFD8 radar/chart plotter w/8.4" color LCD display. "Slave to MFD 12 and can be used as dedicated FLIR screen"
- 20.3 Furuno DRs4D Ultra High Definition (UHD) digital radar (24" radome-4kW-36 nm range)
- 20.4 Furuno PG500R AutoPlotter for NAVNET w/Furuno Heading Sensor
- 20.5 Furuno DFF1 Digital Network Sounder
- 20.6 Furuno 555-SLD low profile through hull transducer
- 20.7 Furuno 000-117-603 6-pin cable (NMEA0 input/output) need two (2)
- 20.8 Furuno BBWGPS WAAS/GPS receiver antenna
- 20.9 Furuno BBWX1 Siruis satellite weather receiver. Received information displayed directly on NavNet 3D display
- 20.10 Furuno FA30 AIS (automatic identification system) black box receiver)
- 20.11 ICOM IC-M504 VHF (includes internal speaker HSN4018B)
- 20.12 VHF antenna 156HD Morad w/stainless steel ratchet style antenna mount.
- 20.13 Install Police band radio

- 20.14 FLIR ThermoVision Navigator w/Marinized pan and tilt enclosure offering 360 degree of visibility. (Includes installation)
- 20.15 Upgrade to ACR remote control spotlight RCL-300A 1933 (1,000,000 candela)
- 20.16 Alpine AM/FM/CD player w/ satellite radio, two four-inch and two five inch speakers Y__N__

21.0 RADIO EQUIPMENT TO BE SUPPLIED & MOUNTED BY BOAT MANUFACTURER

- 21.1 Location to be determined by SPD
 - 21.1.1 One Motorola CDM 1250,UHF mobile radio
 - Model AAM25SKD9PW2AN 64 channel, 450-512 MHz.
 - With Heavy Duty Microphone model AARMN4038A
 - DB gain antenna, marine grade
 - 13 Watt external speaker model RSN4001

22.0 GRAPHICS

- 167.1 Shall be applied to Boat to comply with SPD requirements. Y__N__

23.0 TRAILER

- 23.1 1500 –29’-33’ Hulls, Galvanized Bunk trailer with disc brakes, bow ladder, V-Stop and LED lighting. With appropriate ball mount and ball. Y__N__

24.0 FINAL INSPECTION TRIP AND TRAINING

- 24.1 Inspection Trip and training shall be provided for up to four (4) members of the Stratford P.D. One (1) final trip to include training shall be provided. This trip shall be for the final inspection of the completed boat, sea trial and training. All travel, meals and lodging expenses shall be the responsibility of the bidder.

- A. Where: Manufacturer’s plant
- B. When: Upon completion of boat – prior to shipping
- C. Who: Up to four (4) SPD personnel

Y__N__

25.0 WARRANTY

- 24.1 Shall be a two (2) year warranty on superstructure, excluding normal wear and tear items. All other warranties are stated in individual areas within this specification.
- 24.2 Shall be five (5) year on hull, fuel tanks and cabin, excluding normal wear and tear.
- 24.3 Shall be two (2) year on collar system.

Y__N__

26.0 BIDDERS CERTIFICATE

The data contained herein is for the purpose of evaluating the bidder's intent to meet the requirements of the specification. The bidder certifies that the products and items specified herein are the minimum that will be supplied. Acceptance of this bidder certificate does not relieve the vendor of his obligation to meet requirements of the specification. All information supplied herein shall be from current manufacturers' literature.

Bidder shall comply with all material requirements of the specifications. If bidder wants to offer deviations or clarifications, bidder shall identify them in the appropriate section of this bidder's certificate. Deviations or clarifications may be accepted provided SPD or an authorized representative finds they do not constitute material changes to the specifications. **DO NOT LEAVE ANY BLANK SPACES.**

BOAT:

MAKE _____ MODEL _____ TYPE _____

DRY WEIGHT RATING _____

DIMENSIONS (INCHES) COMPLETED : OVERALL _____

HULL:

TYPE OF ALUMINIMUM _____

TRAILER:

TYPE _____

ENGINES:

MAKE _____ MODEL _____

GROSS HORSEPOWER _____ @ RPM _____

GROSS TORQUE _____ @ RPM _____

NOTE: Where any portions of the complete vehicle is to be installed by other than the bidder or chassis manufacturer (OEM), the bidder shall indicate below the names of the entity/subcontractor performing such installation and the location of their facility.

(Use separate sheet if necessary to list **all** subcontractors)

_____ NAME OF BIDDER FIRM	_____ SUBCONTRACTOR FIRM
_____ ADDRESS	_____ ADDRESS
_____ ADDRESS	_____ ADDRESS
() _____ TELEPHONE #	() _____ TELEPHONE
_____ PRINT NAME OF AUTHORIZED REPRESENTATIVE	_____ PRINT NAME OF AUTHORIZED REPRESENTATIVE
_____ SIGNATURE	_____ SIGNATURE
_____ TITLE	_____ TITLE

27.0 DO NOT REMOVE THIS ITEMIZED PROPOSAL FROM THE SPECIFICATIONS

"FURNISHING AND DELIVERING F.O.B. TO THE STRATFORD POLICE DEPARTMENT ONE (1) 31' ALUMINMUM BOAT, NEW, READY FOR USE, COMPLETE, LATE MODEL AND IN ACCORDANCE WITH ATTACHED SPECIFICATIONS"

UNIT ITEM: A 31' ALUMINMUM BOAT WITH SAFETY COLLAR WITH A CAPACITY FOR UP TO EIGHTEEN (18) PEOPLE. IT WILL BE USED BY THE STRATFORD POLICE DEPARTMENT.

A contingency in the amount of \$3,000 per boat, of the bid price of the boat will be available to make changes and technology updates as may be deemed necessary by the manufacturer and/or the SPD. The contingency amount will be included in the bid proposal and shall be added on the actual bid price of the boat. At the time of the final acceptance of the apparatus by the SPD, any portion of the \$3,000 contingency money that has not been used shall be deducted from the final price.

(\$____3,000.00____)

BID PRICE FOR BOAT:

 TOTAL (in words) (in numbers)

Option 1: Enclosed Head(see page 15 for detail of options)

COST:

 TOTAL (in words) (in numbers)

Option 2: Davit (see page 15 for details of options)

 TOTAL (in words) (in numbers)

Option 3: Pre-completion Inspection (see page 15 for details of options)

 TOTAL (in words) (in numbers)

TOTAL COST:

 TOTAL (in words) (in numbers)

Bidder to state length of guarantee:

 (____ Years)

Bidder to state number of Calendar Days for Delivery:

28.0 Option#1: ENCLOSED HEAD

1. Enclosed marine head with pump out. Head to be constructed on the starboard side aft with fore and aft windows for operator visibility. To include portable marine grade head with pump out. Toilet paper dispenser, pull out privacy curtains, overhead light coat hook and hinged door.

Option #2: DAVIT

1. Custom Cushman 3 piece davit package with mount and installation.

Option # 3: PRE-COMPLETION INSPECTION AND CONFERENCE

SCHEDULE FOR INSPECTION AND CONFERENCE, This schedule may be modified at the discretion of SPD

1. Pre-completion conference and inspection:

- A. Where: Manufacturer's plant
- B. When: 60 days from completion
- C. Who: Up to three (3) SPD personnel and one (1) consultant

Inspection trip will be financed by the Vendor to include airfare, lodging, meals and associated rental costs for transportation.