



Legislation Details (With Text)

File #: 19-0647 **Version:** 1 **Name:** Silver Ships Inc - All Hazards Response Boat
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Title: Consider and take action on a resolution authorizing an agreement with Silver Ships Inc. for an All Hazards Response Boat in an amount not to exceed \$406,890 (Fire Chief)

Sponsors:

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Attachments: 1. Data Sheet, 2. Proposed Resolution, 3. Exhibit A - Agreement with Silver Ships Inc., 4. RES #2019-103, 5. RFP 20-Fire-001 - All Hazards Response Boat, 6. Received Bid from Aluma Marine, LLC, 7. Received Bid from Silver Ships Inc., 8. Received Bid from Metal Shark, 9. Bid Evaluation Scoring Matrix, 10. Award Recommendation, 11. Fireboat Annual Costs 2019

Date	Ver.	Action By	Action	Result
1/28/2020	1	City Council	Approved	Pass

Consider and take action on a resolution authorizing an agreement with Silver Ships Inc. for an All Hazards Response Boat in an amount not to exceed \$406,890 (Fire Chief)

Approval of this item will allow the Fire Department to purchase an All Hazards Response Boat from Silver Ships Inc. for an amount not to exceed \$406,890.00.

On September 3, 2019, the Fire Department received a grant from Federal Emergency Management Agency, Department of Homeland Security FY 2019 Port Security Grant Program. This grant was a 75% (\$327,593) grant funded with 25% (\$109,197) city required match. On June 25, 2019 City Council ratified the submission of the FY 2019 Port Security Grant application and also authorized Assistant City Manager Michael Kramm to accept this grant if awarded. Resolution # 2019-103.

On November 4, 2019, the City solicited proposals for an All Hazards Response Boat through RFP 20-FIRE-001 and on November 19, 2019 three bids were reviewed and graded based on the proposed scoring matrix outlined in RFP-20-Fire-001. At the completion of the grading, Silver Ships Inc. was selected as the preferred vendor.

Upon completion of the bid grading and selecting Silver Ships Inc. as the preferred vendor for this project, we began negotiations with Silver Ships Inc in an effort to reduce the overall cost of the boat. As a result of negotiations, the below items were specifically addressed which resulted in a net reduction of the cost from Silver Ships Inc.:

1. The four overhead pilot house windows were deleted. After further discussions on this specific item with the boat committee, it was subsequently determined that these windows were unnecessary and, in most cases, would become a distraction to the boat operator and would increase the interior temperature of the boat due to having direct sunlight coming in from the roof.
2. FRC Pump Boss/RPM controller was removed. The purpose of this item would be to electronically control the RPMs of the fire pump and be able to set fixed pressures. By replacing this with a manual system, an operator would be responsible for watching the pressure gauges and making adjustments as necessary. Provision will be in place to be able to easily add this later if deemed necessary.
3. Remote control 6" stainless shut off valve between the sea chest and pump with controls on main

console in the pilot house. Clarification was received on this item and this will not be an item that we are providing to Silver Ships. The item will be provided by Silver Ships Inc. as part of the fire pump system and is factored into the current cost of the boat. There is an email documenting this that will be included with the contract paperwork.

4. TFT Inline foam inductor with 6-7' pickup tube. This item was removed due to this being a common item stocked by the Fire Department (normal cost is \$650). As a result of this we are able to provide this to the vendor instead of purchasing it from silver ships.
5. TFT Monitor appropriately sized for the fire system on the front of the boat. This item was removed due to this being a common item stocked by the Fire Department (normal cost is \$3800). As a result of this we are able to provide this to the vendor instead of purchasing it from silver ships.
6. Two TFT 2.5" male gated NST discharges and one 5" LDH discharge (Stortz connection identical to what is on fire hydrants). This item was removed due to this being a common item stocked by the Fire Department (normal cost is \$350). As a result of this we are able to provide this to the vendor instead of purchasing it from silver ships.
7. Graphics. The graphics package that was offered by Silver Ships was extensive and was being completed via a third-party graphics installer. As a result of this Silver Ships, Inc would then mark up the third-party pricing for this install. By working directly with the graphics installer and removing silver ships from this process, we are saving money due to not having to pay their marked-up price from the installer. We estimate that by doing the graphics locally that it will cost approximately \$2000. This cost would be absorbed in the Fire Department Operating Supplies Account (2850000-51250).

During the bid process there were several alternates that were priced, however due to the overall cost, and trying to stay within our budget, a majority of the alternates were not selected. Below is a list of the proposed alternates compared to what is being provided.

1. Alternate Item: Furuno Solid Sate Doppler Radar Model DRS4D0NXT or equivalent.
 - a. Currently provided is the Raymarine radar/radome. This would be in conjunction with the other Raymarine radar and vhf items that are also provided as standard components.
2. Alternate Item: Multi-function display: Furuno TZTL15F (15.6" display) or equivalent.
 - a. Currently provided is two Raymarine 9" displays
3. Alternate Item: Furuno Class B AIS FA-50 or equivalent.
 - a. The Class B AIS is provided with the current Raymarine radar/radio system that is being provided.
4. Alternate Item: 2 - Handheld thermal imager FLIR OS 640.
 - a. At this time, it was determined that for night operations we would be able to utilize the handheld thermal imagers that are on all the fire trucks.
5. Alternate Item: FLIR M 324CS Infrared camera.
 - a. This item was not selected at this time due to the negative reviews were received on the fix mounted FLIR systems from the Port of Houston and Seabrook FD. At this time, it was determined that our best option would be to utilize the handheld thermal imaging cameras that are on all the fire trucks when utilizing the boat for night operations.
6. Alternate Item: Minimum 2 days onsite training for 10 personnel.
 - a. After further discussion with Silver Ships Inc. we were informed that the scheduled day for sea trials is our opportunity to receive training on the vessel. We were informed that the sea trials day will be as long as we feel necessary and we will receive in-depth training of three personnel who would then bring the training back to the fire department. It is anticipated that for sea trials three personnel will travel to Theodore, AL. The tentative schedule would be to travel to Silver Ships and stay the night. Then, the following day conduct sea trials and training. Upon completion of this, stay the night, and the following day return to League City with the boat in tow. We anticipate that the training/travel cost for this would not exceed \$1000. This training/travel cost would be absorbed through the fire department training budget.
7. Alternate Item: Jack Plates for all propulsion engines.
 - a. The boat has the capabilities of adding at a later time, if deemed necessary, however the committee did not feel that at this time this was a necessary item due to the draft of this boat already

- being 18"-24".
8. Alternate item: 2 sliding doors on pilot house one next to captain seat (starboard) and one next to the navigator seat (port)
 - a. This item as not selected due to not having the walk around deck space. The forward ½ door was selected to allow for personnel to safely exit the cabin onto the forward deck of the boat.
 9. Alternate item: Two (2) Raymarine Axiom Pro 12 MFD touchscreen with GPS, Chart plotter, side scan, maps and transducers. Real vision 3D all in one sonar.
 - a. The provided electronics include two ray marine axiom pro 9-inch MFD touch screen with GPS, chart plotter, side scan, maps and transducers. Real vision 3D all in one sonar.
 10. Alternate item: One additional electronic LED remote spot light on pilot house.
 - a. One electronic LED remote spot light is currently included, and 4 flood/work lights are included. The additional remote spot light was determined to be unnecessary by the committee.
 11. Alternate item: On the aft of boat near starboard door, a removeable winch structure to lift a minimum of 300lbs.
 - a. This alternate was not selected. After further discussions with the committee, it was determined that this item was not necessary due to having two side access doors one port and one starboard along with the bow access door that are all able to accommodate the width of a stokes litter.
 12. Alternate item: Replace two additional suspension seats with seat box with padded bench seat sized for stokes litter.
 - a. This alternate was not selected. This vessel will have four suspension seats for personnel and one bench seat that is sized to accommodate a stokes litter.
 13. Alternate item: On forward part of cabin, approximately ½ size in height access door, water tight for personnel to exit cabin onto forward deck space.
 - a. This alternate was selected. Due to this size vessel not having a fully walkaround deck without having to walk along the gunwale, this forward door was selected to allow for personnel to safely exit the cabin onto the forward deck of the boat.
 14. Alternate item: 15-year structural warrant on hull, deck and cabin parts.
 - a. Silver Ships standard warranty for the hull, deck and cabin parts to include the fuel tank is 15 years at no additional cost.

Attachments:

1. Data Sheet
2. Proposed Resolution
3. Exhibit A - Agreement with Silver Ships Inc.
4. Resolution # 2019-103
5. RFP 20-FIRE-001 All Hazards Response Boat
6. Received Bid from Aluma Marine, LLC
7. Received Bid from Silver Ships Inc.
8. Received Bid from Metal Shark
9. Bid Evaluation Scoring Matrix
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CONTRACT ORIGINATION: Standard League City Contract template

FUNDING

{X} Total funding in the amount of \$436,790 was approved by Council on 6/25/2019 9F for the Fire/Rescue and All-Hazards Response Boat. 75% of the total (\$327,592.50) would be covered by the Port Security Grant with expenses charged to account 2850000-55730 Fire - Equipment. The remaining 25% (\$109,197.50) will be split between accounts 20202850-55730 EMS/Fire Donations - Equipment (\$54,598.75) and account 22602850-55730 Disaster Preparedness - Equipment (\$54,598.78). Once the grant reimburses the expense totaling (\$327,592.50) the revenue will be posted to grant revenue account 0100-48220 Fire Department Port Security Grant.

STRATEGIC PLANNING

{X} Addresses Strategic Planning Critical Success Factor # 3 and Initiative # 4