SUBJECT: CUSTOM ALUMINUM MARITIME IMPROVISED EXPLOSIVE DEVICE DETECTION VESSEL

BID #: XF-0349-21 **OPEN DATE: 4/14/2021**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: One Time Purchase

AGENCY: Jacksonville Sheriff's Office

BASIS OF AWARD: All or None, to the lowest responsive, responsible bidder

NUMBER OF BIDS INVITED: 7 **NUMBER RECEIVED:** 2 **OTHER:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval of award to Scandy White Boats, Inc. as the lowest responsive, responsible bidder for the purchase of Custom Aluminum Maritime Improvised Explosive Device Detection Vessel for the Jacksonville Sheriff's Office. Total estimated award not to exceed $111,995.00.

Funding for this award to be encumbered by account 11407.551102.564290.010170.00000000.00000.0000000, to be executed by purchase order.

Attachments: Recommendation Memo, Tabulation Sheet, Terms and Conditions, Specifications and Requirements

Analyst: _____ **RESPECTFULLY SUBMITTED:** _____
OLIVE WALLACE-COHEN GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: NICK BURGOS, DIRECTOR PATROL & ENFORCEMENT

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

Jacksonville Sheriff's Office

MIKE WILLIAMS, SHERIFF

Serve • Protect • Community

To: Gregory Pease
Chief of Procurement

Thru: Bill Clement, CPA
Chief of Budget

From: Nick Burgos
Director of Patrol & Enforcement

Subject: XF-0349-21 Custom Aluminum Maritime Improvised Explosive Device Detection Vessel

Date: April 15, 2021

There was two (2) responses received for Bid #XF-0349-21 Custom Aluminum Maritime Improvised Explosive Device Detection Vessel. We recommend awarding Scandy White Boats, Inc., the lowest responsive, responsible bidder, in the amount of $111,995.00, from account number 11407.551102.564290.010170.00000000. This is a one-time purchase. The purchase will be made via a purchase order.

Please let me know if you require any additional information. Thank you for your assistance.

TITLE: CUSTOM ALUMINUM MARITIME IMPROVISED EXPLOSIVE DEVICE DETECTION VESSEL

BID NO: XF-0349-21

OPEN DATE: 04/14/21

ANALYST: Olive Wallace-Cohen

NO. INVITED: (17) No. Received: (2) No Bids: (0)

RECORDED I JOHN HERNANDEZ

ANNOUNCER: CAMELLA SPITLER

ITEM #	DESCRIPTION	Quantity	UOM	METALCRAFT MARINE US, INC.	SCANDY WHITE BOATS, INC.	
1	CUSTOM ALUMINUM MARITIME IMPROVISED EXPLOSIVE DEVICE DETECTION VESSEL	1	EACH			
	TOTAL BID PRICE			$ 160,621.65	$ 111,995.00	
	Insurance Acknowledgement			✓	✓	
	Delivery			180 days	210 days	
	Buy America					
	FERDERAL FORMS B through H			B through H	B through H	
	Conflict of Interest:			✓	✓	
	Addendums ( ):			N/A	N/A	

SAM.GOV®

A NEW WAY TO SIGN IN - If you already have a SAM account, use your **SAM email** for login.gov. Log In

Login.gov FAQs

⚠ ALERT: Small business owners who seek to participate in the Restaurant Revitalization Fund (RRF) will not be required to have a DUNS Number, will not need to register in SAM.gov, and will not need a CAGE Code. SBA will share more information on the RRF soon. Visit SBA to stay informed.

⚠ ALERT: Each entity registration expiring between April 1 and September 30, 2021 will have an additional 180 days added to its expiration date. Read more about the extension on Interact

⚠ ALERT: SAM.gov will be down for scheduled maintenance Saturday , 05/15/2021 from 8:00 AM to 1:00 PM.

Entity Dashboard

- Entity Overview
- Entity Registration
  - Core Data
  - Assertions
  - Reps & Certs
  - POCs
- Exclusions
  - Active Exclusions
  - Inactive Exclusions
  - Excluded Family Members

RETURN TO SEARCH

Scandy White Boats, Inc.
DUNS: 607906138 CAGE Code: 3Y6Y6
Status Active
Expiration Date 06/25/2021
Purpose of Registration All Awards

17056 NW 11th St
Blountstown, FL 32424-1517
UNITED STATES

Entity Overview

Entity Registration Summary

Name: Scandy.White Boats, Inc.
Business Type: Business or Organization
Last Updated By: Cheryl Colletti
Registration Status: Active
Activation Date: 06/25/2020
Expiration Date: 06/25/2021

Exclusion Summary

Active Exclusion Records? No

GSA

IBM-P-20210314-0806
WWW8

Search Records
Data Access
Check Status
About
Help

Disclaimers
Accessibility
Privacy Policy

FAPIIS.gov
GSA.gov/IAE
GSA.gov
USA.gov

TERMS AND CONDITIONS

CUSTOM ALUMINUM MARITIME IMPROVISED EXPLOSIVE DEVICE DETECTION VESSEL

1. SCOPE

The City of Jacksonville Sheriff's Office (JSO) is currently accepting bids to obtain a source of supply for the items/services as outlined in the bid documents provided. The purpose of this bid invitation is to obtain information about your firm and its ability to provide these items/services and to obtain pricing commitments for Custom Aluminum Maritime Improvised Explosive Device Detection Vessel as listed in the bid documents.

2. AWARD

Award will be **ALL or NONE** to the lowest responsive, responsible bidder. The City reserves the right to reject any or all bids. ALL awards are subject to the availability of funds.

- As per Section 126.114 of the City of Jacksonville Ordinance Code, preference will be given to a responsive and responsible vendor offering American manufactured, assembled, or produced goods, and who is within 5% of the lowest responsive and responsible bidder. To receive this preference, the bidder must complete the attached Buy American Preference Compliance Certificate and attach supporting documentation and/or evidence attesting that at least 51% offered in the bid response is manufactured, assembled or produced in the United States.
    - Bidder is not required to submit for the Buy American Preference. Bidders may quote items less than 51% American made but will not be eligible for the preference.
    - Restrictions and exemptions may apply. Please refer to Section 126.114 (Page 35) for specifics.

3. TERM OF AGREEMENT

One Time Purchase

4. PRE-BID CONFERENCE

Not Applicable

5. COMPLIANCE WITH SPECIFICATIONS

The bidder, by affixing their signature to the bid form submitted, agrees to provide the items/services in accordance with the bid documents provided. Bid only a single offering for each bid item. Multiple offerings, alternates (unless stated) and or stipulations may be cause for bid rejection. Bid only on forms provided herein unless otherwise stated. Bid submissions shall be in ink or typewritten. All corrections must be initialed.

6. STATE CONTRACTS

The City reserves the right to utilize contracts established by the State of Florida and or other governmental agencies for service(s) covered under this bid. The city reserves the right to cancel this contract in whole or in part for such service(s).

7. QUANTITIES

Quantities are fixed.

8. PRICES

All unit prices shall include freight, delivery, and handling charges to the delivery location as outlined in the bid documents.

9. ESCALATION / DE-ESCALATION

Not applicable.

10. DELIVERY

Delivery will be made to 1251 West Church Street, Jacksonville, FL 32202, if applicable. A packing list shall accompany all shipments, which shall indicate, at a minimum, the following; purchase order number, item number and description, date of shipment, quantity ordered, and shipped, unit price, and unit of measure.

11. PICK UP AND RETURNS

The City reserves the right to return an order in whole or in part if the merchandise is not in compliance with the bid specifications. The City or its agencies will determine compliance with bid specifications. Pick-up and returns will be made within 48 hours of notification at no charge to the City or its agencies.

12. SUPPLIER ACCESSIBILITY

The City or its representative must be able to contact, during normal business hours, by telephone or email any supplier providing goods or services to the City or its agencies. Any supplier accessibility requirements outlined in the specifications supersede this section.

13. REPORTING

The City may request, during the term of this bid, reports including but not limited to; usage, pricing, and delivery. Suppliers will be required to provide reports requested in hard copy and electronic format as required.

14. INVOICING

Invoices will be issued once supplies/services are delivered and/or rendered to the City of Jacksonville or its agencies. At a minimum, invoices must include; purchase order number or contract number, item number and description, date of shipment, quantity ordered and shipped, unit prices, unit of measure, and extended totals. Payment terms are Net 30 days. All original invoices shall be submitted to: City of Jacksonville, General Accounting Division, 117 West Duval Street, Suite 375, Jacksonville, Florida 32202.

15. INSURANCE / INDEMNIFICATION

Each supplier shall maintain, for the entire term of this bid, current insurance coverage as stated in the bid documents. All insurance certificates shall list the City of Jacksonville as an additional insured.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

SPECIFICATIONS AND REQUIREMENTS

CUSTOM ALUMINUM MARITIME IMPROVISED EXPLOSIVE DEVICE DETECTION VESSEL

We are requesting a Custom 22'x 6'6" Dive Boat Hull, Yamaha Boat Motor with Controls and an Aluminum Boat Trailer.

I. SCOPE

The work performed under this bid shall consist of the complete design, construction, outfitting, testing and delivery of one 22'x 6'6" aluminum Dive boat. Delivery is to be made to the Jacksonville Sheriff's Office, Florida. Construction of the vessel shall be in accordance with this specification and to the highest standards of marine construction. The vessel shall conform to all regulatory standards in effect at the time of construction.

1. The bidder shall provide all labor, engineering, equipment, materials, supplies, tools, transportation, storage, design, administration and quality control for the construction of the vessel and successful completion of the project.

2. Bidder shall include the delivery to the designated location in Jacksonville, FL, if their location is greater than a 250-mile radius. Bidder must also include all paperwork required for registration.

3. Bidder will include all delivery, water launching and set up charges for the craft, if applicable.

4. A qualified representative shall familiarize the purchaser in the operation, care, and maintenance of the vessel and bidder supplied equipment.

5. This purchase is funded by a grant from the Federal Emergency Management Agency (FEMA) and the awarded vendor must have an active registration with the Systems of Award Management (www.sam.gov) before the purchase order can be issued.

II. GENERAL DESCRIPTION

1. Bidder will provide a marine aluminum inshore boat with rescue capabilities. The vessel must be of proven design that must meet applicable standards requirements.

A. WATERWAY ACTIVITY

1. The boat will be harbored in Jacksonville, FL. It will respond in the waterways of the St. Johns River and its tributaries. The boat is expected to operate in driving rain and dense fog, and during all times of the day and night.

B. DIMENSIONS and PRINCIPAL CHARACTERISTICS

Length Overall	22'
Beam Overall	8'6"
Air draft	8'
Weight	2200 LBS
Fuel Capacity	50 gallons
Top Speed	35 knots

C. WORKMANSHIP and STANDARDS

1. All work is done to high quality marine construction standards. All welding will be in accordance with welding procedures approved by the American Bureau of Shipping. Rules for Building, and Classing Aluminum Vessels. The hull construction shall be welded, all welds continuous inside and outside all seams. No rivets. All weld spatter, soot, and construction scars will be removed or faired. All sharp edges and corners are dressed to prevent hazards to personnel and equipment. The vessel will be constructed of 5052 series marine grade aluminum plate with no less than 3/16 thickness for side and bottom of the vessel.

2. All fastenings to/through the hull shall be aluminum or 316 series stainless steel. If stainless steel, they shall be isolated from aluminum. The utmost care must be taken to ensure that any chance of corrosion is eliminated. Each manufacturer is responsible to explain how they isolate stainless steel from aluminum.

3. In accordance with USCG requirements the vessel structure shall be designed to ISO 12215, Intact Stability shall meet ISO 12217 USCG CFR 46 safety requirements and ABYC rules for all outfit items. The vessel will provide positive flotation if holed, this can be by use of multiple watertight compartments or use of block ethyl foam. Bidder to provide details of one compartment damaged stability and references of five similar vessels in service.

III. CONSTRUCTION REQUIREMENTS

A. GENERAL

1. The bidder shall provide engineering services, for such time as may be necessary for the technical supervision of the assembly, testing and certification of the vessel. All cost for inspection, testing, plan review, and approval shall be at the bidder's expense. The vessel shall be constructed in accordance with and comply with all applicable United States Coast Guard Rules and Regulations, Code of Federal Regulations 46, American Bureau and Yachting Council and American Bureau of Shipping welding.

2. All equipment shall be arranged so that it cannot be damaged by bilge water or within 12" of the bilge, connections shall be contained in NEMA boxes as required by applicable standards.

3. All parts of the vessel shall be constructed of materials appropriate for the environment in which the vessel will operate. Vessel will operate in a brackish/saltwater water environment.

4. The vessel shall be designed so that the various systems and parts are readily accessible for inspection, adjustment, maintenance, lubrication and repair. Placement of equipment whenever possible shall allow for its removal from the vessel without having to disturb permanently installed structural members, or equipment shall be situated to allow for in-place overhaul and repair.

5. Access and lightening holes shall be arranged clear of concentrated loads or areas of high stress.

6. Vessel shall have a field of vision from the helm suitable for safe navigation in all operating conditions and meet ABYC requirements.

8. Masthead, port, starboard and stern lights shall be provided and shall be controlled by a switch panel.

9. Vessel design shall maximize storage in all areas including inside the gunnels.

B. DRAFT REQUIREMENTS and HULL CONFIGURATION

1. The boats draft will not exceed 12 inches in depth.

2. The hull design will be a "V' bottom with 10-12 degree deadrise aft and meets ISO 12217 stability requirements. Vessel stability must be met without using added stability such as a foam collar.

3. Custom mid ship storage lockers on the port and starboard sides to accommodate diver held sonar and side scanning sonar equipment (sonars dimensions will be provided upon award). Both boxes will have SeaDek attached to the top for padded seating of other passengers.

4. Custom Aluminum mounts for SoundMetric X2 Rotator on Starboard bow and custom aluminum mount for Kongsberg Mesotech's high-resolution sonar.

5. Vessel will be designed to be driven from the stern starboard side with two available sonar operator seats beside the captain.

6. The vessel must be extremely stable so that heavy loading on one side will not produce a large list.

7. While underway, the hull must be able to move spray and waves outboard giving a "dry' ride.

8. During initial takeoff acceleration, the ride should be flat and not upward, with a trim angle not to exceed 6 degrees. This should reduce wetted surfaces and give high top speeds and efficient cruising capabilities without putting excessive loads on engines.

D. ELECTRONICS and NAVIGATION EQUIPMENT (Any of this to be included?)

The following marine electronic equipment shall be provided by the Bidder and installed by the boat builder (unless otherwise noted or agreed upon, all electronics will be flush mounted):

- One - Icom 506 VHF radio with talk back feature with speaker.
- Bidder to install 1 JSO Police Radios (supplied by JSO)
- Depth sounder/Chart plotter – Hummingbird Solix Mega Si 12" Screen. The Chart plotter will be installed with Hummingbird Mega 360 Imaging Ultrex Transducer.
- Riptide Ulterra 112 iPilot Trolling Motor
- Whelen Justice super LED or equivalent blue lights installed.
- LED Running and Interior Lights
- Siren control and PA (Whelen WPA3BM)
- The bidder shall provide all required antennas.
- Compass shall be Ritchie X-10, installed on dash.

E. WORK DECK and EQUIPMENT

Deck area will be self-bailing and with a non-skid safety surface (Not a sticker or decal). The deck will have a large work area to facilitate dive operations, search operations, rescue operations, patrol and medical operations.

1. Aluminum railings, minimum 1-1/2" will be used on the vessel for safety. The railing will extend around the forward half of the foredeck to the bow ramp on top of the gunnel.

2. A SS dive ladder" welded to aft portside sponse.

3. Courtesy lighting shall be provided for safety on both fore and aft decks.

F. ELECTRICAL

1. Wiring shall be installed as per ABYC and United States Coast Guard Rules and Regulations as a minimum. The Bidder shall provide an electrical schematic in the manual package. The schematic shall be a one-line diagram, follow the electrical runs as installed in the vessel, and match the labeling of the wiring runs. This shall not be a generic drawing, but an exact diagram of the purchased vessel. Wiring shall be loomed and all

hull contact points shall have grommets, all wiring runs shall be properly supported with no chafe points. Wiring runs shall be concealed behind cabin walls, cladding, or decorative cable trays, etc. Exposed wiring will not be accepted. Wiring shall be isolated from the hull to prevent electrolysis.

2. Wiring runs shall have easy access through removable panels, cable trays. Bidders shall provide details of their standard wiring installation practice with their bids.

3. Navigation lighting will be provided by USCG regulations for vessels of this size and service and marine grade. Approved lights will be arranged to display the correct light signals for free running, anchoring.

4. All lighting is to be LED to reduce the amp draw and to reduce maintenance cost.

5. Batteries shall be stored in a secure waterproof, properly vented, corrosion resistant battery boxes. Battery box shall be fully accessible. Battery cabling shall be #00 gauge as a minimum.

6. Vessel shall be provided with an appropriate marine battery isolator switches mounted in the wheelhouse. Switch shall be mounted in an accessible area adjacent to the helm.

7. The vessel shall have minimum of 3 X 12VDC power outlets. Three AC outlets will be mounted on the interior, locations to be determined.

8. Vessel shall be provided with a dimmer switch to control gauge and compass brightness during night operation.

9. Vessel will have a battery charger. All batteries shall be charged from engine. 30 amp with shore power inlet.

10. Battery voltage monitoring shall be accomplished using a Blue Sea Systems digital three-bank voltmeter, to be connected to each battery.

11. Builder will perform an electrical load analysis to determine necessary generation needs for all installed electrical equipment and provide adequate generation capability.

G. FENDERING and MOORING

1. 4 Medium cleats to be located (2 each side) port and starboard side and will be welded to the top of the gunwale.

2. A heavy welded aluminum bow eye will be affixed to the bow for trailering.

3. A 2 tiered 1 ¼" aluminum removable engine guard with rope guides for towing shall be installed around the propulsion engines.

H. PAINT, MARKINGS, and PREPARATION

1. The hull shall be light grey Gator glide marine paint.

2. The interior exposed aluminum surfaces shall be painted with light grey liner including the console.

3. The underwater portion of the hull will be coated with Gator Glide bond coat

4. Install buyers' supplied agency decals.

IV. PROPULSION DRIVE SYSTEM

1. The vessel shall be powered by one outboard engine. The outboard shall be a Yamaha 200 HP 4-stroke gas engines, with gauge package. Bidder shall provide and install the engine and related accessories as per engine

manufacturer's specifications for installation. Bidder shall meet steering manufacture's specifications for installation and operation. A binnacle control shall control engine throttle and transmission gear.

2. The vessel will have a top speed of no less than 35 knots. This shall be reached with the vessel crewed with three members of the Department (each to be 220 pounds).

3. Stainless steel props will be used with outboard engine. The engine will be surrounded by a heavy duty aluminum 2 tier outboard guard, bolted to the vessel with towing guides.

V. FUEL TANKS

1. There will be a single fuel tank that can hold up to 50 gallons of fuel. The tank will be built and hydrostatically tested to the Safety Standards for Small Craft specifications. Fuel tank will be suitably baffled, fitted with electric level gauges and isolated from the hull structure by neoprene or rubber padding. It will be strapped and supported by a support system.

2. Racor fuel filter.

3. Fuel gauge at helm station.

VI. ALARM SYSTEMS

1. The vessel will be equipped with bilge high water alarm sensors for each hull compartment, and a high temperature fire detection sensor in the machinery space, all wired to panels at the control stations. These alarm circuits will activate visual and audible warning devices at the control station in the event of a dangerous condition.

VII. CATHODIC PROTECTION DEVICES

1. The engine will be fitted with zinc anodes provided by the manufacturer.

2. Zinc hull anodes will be located wherever the boat builder sees fit to reduce corrosion due to electrolysis. Zinc mass shall be calculated as per ABYC requirements.

VIII. BILGE PUMPS

1. The vessel will be equipped with one bilge pumps located in separate sections of the hull. The submersible pumps should have a minimum capacity of 2500 GPH each. This pump will have an internal float switch and will be controlled by a toggle switch in the pilothouse. These toggle switches will allow for automatic or manual activation of the pumps.

IX. WARRANTIES

1. Hull and deck: minimum 10 years on materials and workmanship.
2. Engines: full manufacturer's warranty.
3. Electronics: 1-year manufacturer's warranty.
4. Equipment: manufacturer's warranty.

X. TRIALS:

The boat must successfully complete the trials listed below:

1. Maneuverability in various sea conditions.

2. Acceleration and deceleration while underway.

3. Testing of all equipment on boat. The successful bidder shall make repairs, corrections, or re-designs, as appropriate, at no additional cost, if the boat fails the tests. The successful bidder will be responsible for transporting the boat back to the original place of manufacture for any work or modifications needed after trials during the warranty period.

4. The successful bidder shall notify the purchasing agency at least two (2) weeks before the date set for the sea or machinery trials.

5. Bidder should allow for a midpoint inspection at their facility. Travel expenses will be incurred by the agency.

6. Bidder should allow for a final inspection/sea trial at their facility to allow for repairs /alterations as needed. Travel expenses will be incurred by the agency.

XI. MANUALS

Bidder shall provide two (2) copies of the vessel's operating manuals (one copy must be electronic). Systems covered shall be navigation, main propulsion, electrical, lubrication, and communication.

XII. Training

Bidder shall provide hands on training on the water at time of pick up from bidder location or delivery in Jacksonville for a minimum of two (2) days. Bidder covering costs of training.

Custom Dive Boat Description:

22' x 6'6" Bottom and 8'6" beam 5052 Marine Grade Aluminum Boat Hull

3/16 Bottom and Side Thickness

Aluminum Sponsons on Rear of Boat

Console and Storage Built to Specs

Seating and Storage for (3) Officers Behind Console

Custom Storage Boxes to Accommodate an ARIS Sonar Defender 3000

Custom Aluminum Bracket for Didson X2 Rotator Deployment

Custom Aluminum Dive Ladder

Bob's Machine Shop Hydraulic Jack Plate, 8" Set Back

Hydraulic Tilt Steering

Power Steering Assist

10' Blade Power Poles, Installed - Quantity (2)

Riptide Ulterra 112 iPilot Trolling Motor, Installed

Hummingbird Solix Mega Si 12" Screen, Installed

Hummingbird Mega 360 Imaging Ultrex Transducer