<u>DEPARTMENTAL INPUT</u> CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New OTR Sole So	ource Bid Waiv	ver Emerg	<u>ency</u>	Previous Contract/Pro	oject No.
Contract Re-Bid Other: Access Contract					
LIVING WAGE APPLIES: YES NO					
Requisition No./Project No.: RQFR1800002 ONE TIME PURCHASE X TERM OF CONTRACT YEAR(S)					
WITH YEAR(S) OTR					
Requisition /Project Title: A Contract No.: FB-00785	irboats for Marine S	Services			
Description: The Miami-Dade Fire Rescue Department is requesting to purchase three (3) 16' X 8' new airboats					
#200.000					Phone: 786-331-4241
Estimate Cost: \$300,000 GENERAL FEDERAL OTHER Fire District Funds					
Funding Source:					
ANALYSIS					
Commodity Codes: 120, 120-08					
Contract/Project History of previous purchases three (3) years Check here if this is a new contract/purchase with no previous history.					
EXISTING			2 ND YEAR		3 RD YEAR
Contractor:					
Small Business Enterprise					
Contract Value:	\$		\$		\$
Comments:					
Continued on another page (s):					
<u>RECOMMENDATION</u>					
CDE	Set-aside	Sub-contract	tor goal	Bid preference	Selection factor
SBE					
Basis of recommendation:					
Signed:			Date sent to SBD: 12/22/17		
Also send to: oca@miamidade.gov			Date returned to ISD/PMS:		

To meet this requirement, effective immediately, please use the same input document used for SBD review for measures. Please copy OCA at oca@miamidade.gov when sending the Input Document to SBD. Please feel free to reach out to your respective manager or me directly with any questions.

Revised April 2005

SECTION 2 - SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract to purchase three (3) 16' X 8' new Airboats on behalf of the Department of Miami-Dade Fire Rescue (MDFR).

SOLICITATION NO.: FB-00785

2.2 TERM OF CONTRACT

This contract shall commence upon the date of the purchase order (PO) and shall remain in effect until such time as the vessel acquired in this Solicitation has been completed and accepted by the County's authorized representative and upon completion of the expressed and/or implied warranty periods.

2.3 METHOD OF AWARD

Award of this contract will be made to the lowest responsive, responsible Bidder who meets the specifications listed in Section 3, Technical Specifications.

2.3.1 The Bidder shall be regularly engaged in the business of providing the airboat described in this solicitation. Therefore, Bidders shall provide two (2) references with their bid submittal. The reference shall be from a customer that is purchasing, or has purchased similar airboats from the Bidder within the past five years.

The Bidder shall submit their reference's contact information in Attachment A, which shall include the reference's company name, contact name, telephone number, and e-mail address of the person who can verify to the County that the Bidder has successfully provided the airboats. The County may contact the Bidder's reference, or request additional information from the Bidder, to ascertain that the Bidder has sufficient experience and expertise in the industry to meet the scope of work and all requirements of this solicitation.

2.4 PRICES

If the Bidder is awarded a contract as a result of this solicitation, the prices proposed by the Bidder shall remain fixed and firm during the term of contract. Prices offered shall include freight, manuals, warranties, fees, and costs to deliver airboats.

2.5 SPECIAL CONDITIONS FOR BIDDING THREE (3) AIRBOATS

2.5.1 Bidder should upload to BidSync the Manufacturer's standard information sheets, catalogues, brochures and all supporting documentation submitted must show the product meets the required specifications. Bids that are submitted with standard product literature which offer technical data or product descriptions indicating the item or product does not meet the required specifications must be accompanied by a letter on the Bidder's company letterhead identifying those differences and describing how compliance with the required specifications will be accomplished. Failure to comply with this requirement may result in the rejection of that offer for failure to meet the required specifications.

2.5.2 All prices are to be quoted F.O.B. destination and the airboats shall be delivered at:

Marine Services Bureau OIC 901 S. America Way Port of Miami Terminal H Miami, Florida 33132 Contact Person: Chief Andy Alvarez

Contact No.: (786) 336-6583 E-mail: aaa@miamidade.gov

- 2.5.3 Delivery is required within one hundred twenty (120) days from the date that the County department orders the equipment by sending a printed Purchase Order to the awarded Bidder. All deliveries are to be made in accordance with the best commercial practices. All equipment delivered must be in full compliance with the specifications and requirements of this solicitation and resultant contract, and must be in excellent condition ready to work condition. Upon verification of compliance with these requirements the County will accept the delivered equipment. See paragraph 2.5.5 for delivery defect correction requirements.
- 2.5.4 Upon failure to deliver the equipment in accordance with best commercial practices, new, and in full compliance with the County's specifications and requirements, with the number of days stipulated in paragraph 2.5.3, the awarded Bidder shall be subject to charges for liquidation damages in the amount of \$100.00 per boat for each and every business day that the equipment is not delivered in acceptable condition. This charge for liquidation damages is in addition to other remedies and timetable requirements listed herein as stated above.
- 2.5.5 The awarded Bidder shall be responsible for promptly correcting any deficiencies noted prior to acceptance by the MDFR at no cost to the County, within fourteen (10) calendar days after the County notifies the awarded Bidder of such deficiency in writing. If the awarded Bidder fails to correct or replace the defect within the period specified, the County may, at its discretion, notify the awarded Bidder it may be subject to contractual default, and/or debarment as a County vendor if the corrections are not completed to the satisfaction. If the awarded Bidder fails to satisfy the delivery requirements the County may (a) place the awarded Bidder in default of its contract, and/or (b) procure the products or services from another vendor and charge the awarded Bidder for any additional costs that are incurred by the County either through a credit memorandum or through invoicing.
- **2.5.6** The County shall issue payment after completion of items below:
 - 2.5.6.1 The delivered of the three boats are successfully inspected for compliance with all specifications and requirements and are accepted (including delivery of the required manuals) by the County.
 - 2.5.6.2 All documentation such as manuals, warranty, etc. has been received as stipulated therein.
 - 2.5.6.3 All documentation described in the Purchase Order has been received as stipulated below:
 - A. Application for certificate of title and/or vehicle registration (HSMV-82040)

- B. Certificate of Motor Vehicle Sale Tax Exemption (MVC Form DR-41A)
- C. Manufacturer's statement of origin to a motor vehicle
- D. The service policy shall be made out in the name of:

Miami-Dade County, Florida 2225 NW 72nd Avenue Miami, Florida 33122

These documents must be dated to coincide with the delivery of the equipment, send all above documents to:

Miami-Dade County
Internal Services Department
Administrative and Business Services Division
Capital Inventory Section
2225 NW 72nd Avenue
Miami, Florida 33122

All documents must be properly filled out and completed, signed and notarized by an authorized individual with no strikeovers on any documents. Non-compliance will result in payment delay.

2.5.7 The invoice and associated back-up documentation shall be submitted in duplicate by the awarded Bidder to the County as follows:

Miami-Dade Fire Department
Attn: Finance Dept. ICO Ms. Angela Boreland
Miami, Florida
Physic (700) 224, 4027

Phone No: (786)331-4637

E-mail: Angela.boreland@miamidade.gov

2.6 ACCEPTANCE OF PRODUCT BY THE COUNTY

The product(s) to be provided hereunder shall be delivered to the County, and maintained if applicable to the contract, in full compliance with the specifications and requirements set forth in this contract. If Bidders product is determined to not meet the specifications and requirements of this contract, either prior to acceptance or upon initial inspection, the item will be returned, at bidder's expense. At the County's own option, the Bidder shall either provide replacement for the item, or provide a full credit for the returned item.

2.6.1 **MANUALS**

Manufacturer will provide an owners / operators manual that includes break-in procedures, maintenance intervals, recommended parts, and procedures for safe operation of all components. Manufacturer will provide the County with one (1) copy of above manual per boat. The manual must be Airboat specific and have detailed wiring diagrams, rigging components, and other details that are specific in nature.

2.7 WARRANTY REQUIREMENTS

A. Type of Standard Warranty Coverage Required

Warranty certificates shall provide a comprehensive liability of all components that are covered under the

standard manufacturer's warranty for boat and engine. Under no circumstances shall the County accept a standard warranty period of less than twenty four (24) months for the entire Airboat. Airboat warranty must have a lifetime warranty against all defects in materials and workmanship. The warranty shall start when the airboats have been delivered and accepted by the County. The warranty supplied by the Bidder shall remain in force for the full period identified by the Bidder, regardless of whether the bidder is under contract with the County at the time of defect. Any payment by the County on behalf of the goods or services received from the bidder does not constitute a waiver of these warranty provisions.

B. Correcting Defects Covered Under the Standard Warranty

If repairs and/or parts covered under the standard warranty become defective and must be repaired and/or replaced by the bidder or their local representative, the bidder hereby understands and agrees to complete the repair at no cost to the County, within five (5) work days after the request for such repairs and/or parts is made by a County representative. If the bidder fails to complete the repair and/or supply the parts within this prescribed period, the County may, at its sole option, take any of the following actions: (a) obtain the repair and/or parts from another bidder; and/or (b) place the bidder in default of its contract. If, in the course of exercising these options, the County incurs additional costs, the County shall charge the bidder for the costs, either through a credit memorandum or through invoicing.

Note: The bidder may be out of State of Florida; however, the bidder shall have an authorized dealer and repair center in the State of Florida to perform any services on the airboat which are under warranty.

2.8 COMPLIANCE WITH FEDERAL STANDARDS

All items to be purchased under this contract shall be in accordance with all governmental standards, to include, but not be limited to, those issued by the Occupational Safety and Health Administration (OSHA), the National Institute of Occupational Safety Hazards (NIOSH), and the National Fire Protection Association (NFPA).

2.9 BACK ORDER DELAYS IN DELIVERY SHALL NOT BE ALLOWED

The County shall not allow any late deliveries attributed to product back order situations under this contract. Accordingly, the Bidder is required to deliver all items to the County within the time specified in this solicitation and resultant contract; and no grace period on account of back order situations shall be honored, unless written authorization is issued by the user department, and a new delivery date is mutually established.

2.10 INDEMNIFICATION AND INSURANCE

The following clause will replace Section 1, General Terms and Conditions, Paragraph 1.22 Item A. #2 and #3.

- 2. Commercial General Liability Insurance on a comprehensive basis, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**
- Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage

SECTION 3 – TECHNICAL SPECIFICATIONS

SOLICITATION NO.: FB-00785

3.0 SCOPE

These specifications are for three (3), new 16' X 8 Airboats that will be used by Miami-Dade Fire Rescue (MDFR) to facilitate the rescue and/or recovery efforts of any Aircraft incident/accident, within the sixteen hundred square miles of the Everglades that MDFR serves.

Each airboat shall be new, with all manufacturers' standard equipment for retail sales, and shall meet all the specifications listed below. The airboats is to be delivered complete and in excellent condition. MDFR has the right and full authority to have site visits in order to inspect the build process and work hand in hand with the awarded manufacture to make sure that the Airboat's are being built to the specifications and details provided within this solicitation.

3.1 GENERAL

- 3.1.1 The airboat shall be fully operational upon delivery with a full tank of fuel.
- 3.1.2 The airboat shall conform to all federal, state, and marine safety regulations.
- 3.1.3 The airboat shall be constructed in accordance with or exceed industry standards for this type of vessel.
 Reconditioned or used parts will not be accepted.
- 3.1.4. Marine Grade Aluminum Alloy.
- 3.1.5 The use of a manufacturer's name, brand name and/or model number within this solicitation is for the sole purpose of establishing minimum requirements of levels of quality, standards of performance and design. These references are in no way intended to prohibit the offer of other manufacturer's brands of equal material, quality, design and standards of performance. When an equal product is offered, the Bidder may be required to furnish the factory information sheets (specifications, brochures, etc.) that show the offered product meets the required specifications.
- 3.1.6 The Bidder may be out of the State of Florida; however, the bidder shall have an authorized dealer and repair center in the State of Florida to perform any services on the airboat which are under warranty.

3.2 HULL

- 3.2.1 16' Aluminum hull length
- 3.2.2 8' Aluminum hull width
- 3.2.3 28" Side height
- 3.2.4 Transom height 26"
- 3.2.5 .190 Thickness of hull bottom and transom 5086 Maine Grade Aluminum NO SPLICEING OF HULL BOTTOM
- 3.2.6 Side to be .125 thickness 5086 Marine Grade Aluminum
- 3.2.7 Forward deck to extend back 38' to 40"
- 3.2.8 Deck to be extended to front of passenger seating w/recessed deck lid in front of passenger seating (fabricate door to be as large as possible)
- 3.2.9 Bottom of hull will be reinforced with (7) 2" x 2" x 1/4" aluminum T-Bars and will extend from bow to transom for bottom support (T-bars to be on 7" centers with gussets on every T-Bar at transom)

- 3.2.10 One 3" Aluminum I-Beam cross brace
- 3.2.11 The bottom and sides will have a 20 degree chine turned down to aid in maneuvering
- 3.2.12 All bolts, nuts, washers, and etc., will be stainless steel except in engine stand where extra strength is needed
- 3.2.13 Lip at top of transom to extend back to a minimum of 10"
- 3.2.14 Recessed deck lid on bow framed with 1 ½" aluminum hat channel and two drains, with hydraulic shock and stainless steel lock. (fabricate door as large as possible)
- 3.2.15 Deck is to have a non-skid finish on all walking areas
- 3.2.16 Stainless steel bow eye
- 3.2.17 Two 1" drain plugs in transom
- 3.2.18 Bottom running surface of the hull will have 3/8" black UHMW polymer screwed on with stainless steel counter sink screws
- 3.2.19 ¼" UHMW black polymer screwed on sides of hull approximately 8" high with stainless steel counter sink screws
- 3.2.20 6" Aluminum walk-arounds w/rhino non-skid surface
- 3.2.21 Four Stainless steel pull up cleats one on each corner gusset
- 3.2.22 Two custom tow brackets built into Airboat hull at least 1" in thickness to allow for ease of towing during emergency situations. w/re-enforcement for tow strap
- 3.2.23 GRASS RAKE Flat At The Top to avoid trip hazards
- 3.2.24 30"Aluminum grass rake w/step, non-skid, webbing, side navigation lights, Louvered vents
- 3.2.25 Grass rake to be fabricated with .125 5052 Aluminum
- 3.2.26 Covered nose roll
- 3.2.27 30" LED light bar w/Lexan cover

3.3 ENGINE STAND – Polished Stainless Steel- To Include All Welds

- 3.3.1 Automotive built of Round stainless steel tubing (16 gauge)
- 3.3.2 All mounts to be shock mounted to prevent vibration
- 3.3.3 Mounting brackets to be incorporated into engine stand for 50 gallon fuel tank with stainless steel remote fuel fill
- 3.3.4 Dual battery rack to be built in the engine frame for Optima Batteries w/Aluminum Billet Holders\
- 3.3.5 Stainless steel tabs welded on to Engine Stand for installation of wire loom w/rubber coated aluminum clamps not tie wraps

3.4 OVERHEAD GUARD – Polished Stainless Steel– To Include All Welds

3.4.1 All mounts to be shock mounted to prevent vibration

- 3.4.2 To fit 82" propeller with a minimum clearance of 3".
- 3.4.3 Guard made of stainless steel 1" and 7/8" tube .065 wall
- 3.4.4 Wire on propeller guard to be 2" x 4" stainless steel .135 heavy gauge
- 3.4.5 Stainless steel wire will be powder coat painted prop guard with stainless steel tie wraps
- 3.4.6 Shroud shall extend all the way down to deck on both sides for safety.
- 3.4.7 Guard to be separate part of engine stand and removable to work on unit.
- 3.4.8 Access doors in prop guard with hydraulic shocks
- 3.4.9 Stainless steel tabs welded onto Prop Guard for installation of cables with rubber coated aluminum clamps No Tie Wraps
- 3.4.10 Stainless steel expanded metal on sides of prop guard to Third J-Bar Powder coated Black BOLTED ON
- 3.4.11 Coast guard approved running lights installed on overhead guard.
- 3.4.12 Six 4 -1/2" LED Flood lights mounted on prop Two facing forward, Two Facing Aft, One on each side Starboard and Port
- 3.4.13 Aluminum platform on top of propeller guard to mount a Wheelan Emergency Light Bar
- 3.4.14 Stainless steel tabs for mounting steering cables, hoses, etc., with rubber coated aluminum clamps
- 3.4.15 Tab on guard for VHF Antenna

3.5 SEATING – Polished Stainless Steel- To Include All Welds BRIDGE STYLE w/New Style Weld On Grab Handles

- 3.5.1 Frames to be constructed of 1" and 7/"8 stainless steel tube
- 3.5.2 Side by side large man (20") rear operator seating Seat height to be 46" from bottom of hull to drivers floor board
- 3.5.3 Access steps up to operator seat frame- SS expanded metal on steps
- 3.5.4 Custom Aluminum NRA box fabricated w/two doors under side by side operator seating w/stainless steel lock and carpet Doors to hinge inwards
- 3.5.5 Three passenger front seating (medium height) with Tote Basket.

3.6 INSTRUMENT CONSOLE

- 3.6.1 Custom Slanted Center Aluminum instrument panel with backing plate
- 3.6.2 Stainless grab handles installed on sides of Instrument Console
- 3.6.3 Teleflex oil pressure (electrical) marine
- 3.6.4 Teleflex amp meter marine
- 3.6.5 Starter/Ignition switch marine
- 3.6.6 Teleflex electrical tachometer w/hour meter
- 3.6.7 Teleflex fuel gauge

- 3.6.8 Teleflex Water/Coolant Temperature Gauge
- 3.6.9 Vinyl instrument panel cover
- 3.6.10 Lighted Anarchy rocker switches /fuse protected.
- 3.6.11 Two (2) Accessory plugs mounted on bottom side of center panel
- 3.6.12 Hobbs Mechanical Hour Meter on Side of Center Console
- 3.6.13 Instruments shall be mounted in an aluminum panel
- 3.6.14 Fire Extinguisher w/Billett Bracket
- 3.6.15 Install customer supplied GPS on top of Instrument
- 3.6.16 Vinyl instrument panel cover Fabricated to accommodate GPS

3.7 BILGE PUMP

- 3.7.1 Two 2000 GPH Automatic bilge pumps
- 3.7.2 1-1/8" Discharge hose with thru hull fitting

3.8 STEERING

- 3.8.1 3/8" Cable type steering with inter-cable stainless steel
- 3.8.2 Steering handle to be located on the drivers left side
- 3.8.3 Stainless steel handle grip
- 3.8.4 Stainless steel argutto bearing to the 1" I.D.
- 3.8.5 Stainless steel lock rings 1 1/16"

3.9 THROTTLE

3.9.1 Livorsi electronic throttle with fly by wire

3.10 FUEL TANK

- 3.10.1 50 Gallon aluminum tank w/stainless steel remote fuel fill towards the bow of the vessel for easy remote dockside fueling
- 3.10.2 Coast guard and BIA approved
- 3.10.3 Shock mounted in rubber
- 3.10.4 Fuel lines are Coast Guard approved

3.11 ELECTRICAL SYSTEM

- 3.11.1 Dual Optima Batteries with Aluminum Billet Holders
- 3.11.2 All high current wires must be 10 gauge in diameter or greater ie: 10 gauge or less
- 3.11.3 All wires to be encased in convoluted high abrasive tubing
- 3.11.4 Coast Guard approved running lights installed on overhead guard
- 3.11.5 Number 2 gauge battery cables or greater ie: 2 gauge or less
- 3.11.6 3 position marine grade battery switch located in secure obscured area

- 3.11.7 US Coast Guard approve navigation land running lights
- 3.11.8 Quick Connect Battery Jump Kit connection with 20' jumper cables connected to one battery

3.12 ENGINE - EXHAUST

- 3.12.1 PCM LS 6 550 HP EFI Supercharged
- 3.12.2 Automotive V-8 headers
- 3.12.3 Stainless steel exhaust with stainless steel mufflers
- 3.12.4 Exhaust flex pipe shall be 3" diameter and made of heavy duty, high quality stainless steel
- 3.12.5 Engine Performance Package Part #PPE61317 or equivalent

3.13 BELT REDUCTION

3.13.1 Century Drive Units Belt Reduction CH 4 2.52 to 1 w/heavy duty Black Hawk Belt

3.14 PROPELLER

3.14.1 3-Blade 82" Sensenich JX Carbon fiber propeller to be matched and adjusted for best performance

3.15 RUDDERS/CONTROLS

- 3.15.1 2' X 60" air foiled aluminum rudders/foam filled with (4) nylon bushings and 3/8"stainless steel rudder rods
- 3.15.2 Steering handle with grip to be located on the drivers LEFT side.
- 3.15.3 Aluminum anodized steering grip
- 3.15.4 Throttle cable assembly to be located on the drivers foot stand and to be operated with drivers right foot
- 3.15.5 Positive and complete 3/8" heavy duty cable steering system.

3.16 COOLING SYSTEM

- 3.16.1 Shall be heavy duty, large 31" x 24" heavy duty aluminum radiator, and closed coolant recovery system.
- 3.16.2 Radiator must be low mounted and have sufficient cooling capacity to maintain correct operating temperature under tropical conditions maximum engine load.
- 3.16.3 Large Hayden Oil cooler with braided oil lines.
- 3.16.4 Radiator to be mounted on engine stand with shock mounts.
- 3.16.5 Billett aluminum overflow tanks

3.17 ACCESSORIES

- 3.17.1 Wheelan Mini Light Bar installed Red Lights Model #WB01PR
- 3.17.2 Customer supplied GPS to be install on top of instrument panel
- 3.17.3 Sonetics SON 202 Digital Intercom, 2 Radio, Wireless Base 5-User Radio TX, MR-52X,
- 3.17.4 4Ft., Motorola XTL 5000, Customer, MR Cable for portable Motorola XPR6000/7000
- 3.17.5 APX 6000, (4) Apex Wireless Dect BT Headsets

3.17.6 5 Gallon Cheater System – w/Stainless Key Lock remote fill

3.18 PAINT – Paint Scheme To Be 70% Sikkens 61001Green "Bottom" – 30% Grey "Top"

- 3.18.1 Stainless steel wire on prop guard, instrument panels, aluminum boxes under seating arrangements Grey
- 3.18.2 Non-skid bow, walk-arounds, floor boards Black non-Skid Rhino lining
- 3.18.3 Paint and powder coat colors
- 3.18.4 Paint outside of hull and grass rake Green with Sikkens 61001
- 3.18.5 Rhino coat inside of grass rake Black w/Green webbing
- 3.18.6 Webbing inside hull Black and Green
- 3.18.7 Rudders 70% Green on the Bottom, 30% Grey At the Top.
- 3.18.8 Seat Shells Green
- 3.18.9 Expanded Metal on sides of prop guard Grey
- 3.18.10 Install customer supplied Graphics
- 3.18.11 Custom Paint per details as listed above and or as directed by MDFR

3.19 UPHOLSTERY

- 3.19.1 Seat Cushion: Skirt & Bolster A16892 Dark Grey
- 3.19.2 Inserts: Dark Grey with Green Stitching
- 3.19.3 Rain Covers and Instrument Panel Cover A16892 Dark Grey
- 3.19.4 Miami-Dade Fire Rescue emblem embroidery (1) on each Large Man Seat, (1) On Three Passenger Seat. MDFR will provide the computer art work for specific details and colors
- 3.19.5 Custom upholstery as details listed above