

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

PREVIOUS CONTRACT	<input checked="" type="checkbox"/> NEW CONTRACT	OPTION TO RENEW	CO	SOLE SOURCE
	BID WAIVER	EMERGENCY	RE-BID	ACCESS OTHER ENTITY
NEW REQ/CONTRACT NO. RQID2100804 EVN0001729	CONTRACT TITLE: MDFR Pilot Training and Certification Services	ESTIMATED VALUE: \$698,000	TERM: 3-Years	LIVING WAGE APPLIES: ___ YES ___ NO
DESCRIPTION: Pilot training via simulation at the awarded vendors location (OFF-SITE / not on County Property)				
USER DEPARTMENT: MDFR		FUNDING SOURCE: General Funds		
ISSUING DEPT: Strategic Procurement Dept.		CONTACT: Debra Butler Contracting Officer		PHONE: 305-375-3833

ANALYSIS

COMMODITY / SERVICE NO.: Category 90553			
TRADE / COMMODITY / SERVICE OPPORTUNITIES			
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p>Contract/Project History of Previous Purchases, Previous 3 – 5 Years</p> <p>Check here ___ if this is a New Contract/Purchase with no Previous History</p> </div>			
	EXISTING	2 ND YEAR	3 RD YEAR
Current Contractor:			
Small Business Enterprise:			
Contract Value:			
Comments:			
Continued on another page (s): ___ Yes ___ No			

RECOMMENDATIONS

SBE	Set-Aside	Sub-Contractor Goal	Bid Preference	Selection Factor
		%		
		%		
		%		
		%		

Basis of Recommendation:

Signed: *Debra Butler*

Date to SBD: **July 27, 2023**

Date Returned to DPM:

SECTION 2
SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract for the purchase of Pilot Training and Certification Services for Miami-Dade Fire Rescue department, as specified in Section 3.

2.2 TERM OF CONTRACT

This Contract shall commence on the first calendar day of the month succeeding approval of the Contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Purchase Order issued by the County. The Contract shall expire on the last day of the 36th month.

2.3 OPTION TO RENEW

Prior to, or upon completion, of the initial 36-month term, the County shall have the option to renew this contract for two (2) one-year option-to-renew terms on a year-to-year basis.

2.4 METHOD OF AWARD

The County will award to the lowest priced responsive, responsible Bidder in the aggregate, who has met the qualifications in Section 2.5, Qualification Criteria. Bidders shall bid on all line items to be considered for award. If a Bidder fails to bid on all line items, the Bidder's offer may be deemed non-responsive and ineligible for award. **Bidders shall not add or submit additional documentation such as sales quotes, bid exceptions or stipulations to their submittal, as they may deviate from the County's terms and conditions, and may render their submittal non-responsive, and ineligible for award.**

2.5 QUALIFICATION CRITERIA

Bidders must meet the following requirements to be considered for award:

2.5.1 Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing pilot training and certification services to be considered for award. Bidder or Bidder's Subcontractor shall provide two (2) ***different*** references from customers to whom the Bidder or Bidder's Subcontractor has provided or is currently providing the goods and services described throughout this Solicitation. In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with Resolution No. 1122-21.

The references should include the customer's company name, and the contact person's name, title, address, telephone number, and e-mail address, who can verify that the Bidder/key personnel/Subcontractor has successfully provided the goods/services. These references shall ascertain to the County's satisfaction that the Bidder/key personnel/Subcontractor has sufficient expertise in the industry and its firm is properly equipped to perform the required goods/services.

2.5.2 Bidder shall provide documentation verifying the Bidder is a certified and/or licensed instructor capable of providing the services specified in Section 3. The County will be the sole judge of determining if the Bidder's documentation is sufficient.

2.5.3 Bidder shall assign a competent company representative who is cognizant of industry standards and is authorized to discuss matters pertaining to the resultant Contract to provide the County with support and information. The company representative shall be able to communicate with the County and shall have full authority to act on behalf of the Bidder on all matters related to the resultant Contract. Bidders are required to provide their designated company representative's name, title, phone number, and email address.

2.5.4 Bidder shall submit pricing in Informs. Failure to submit pricing in Informs may cause the Bidder's offer to be deemed non-responsive and thus ineligible for award.

2.6 PRICES

The Bidder's pricing shall be firm and fixed for the three-year term. Prior to the end of the initial three-year term and for each subsequent year thereafter, the Awarded Bidder may submit a formal written request for a pricing adjustment. The request shall include a brief explanation, any relevant supporting documentation, and be sent to the Procurement Contracting Officer via email. The County will consider each request and evaluate based on the United States Department of Labor, Bureau of Labor Statistics:

The County reserves the right to negotiate and/or reject any price adjustment submitted by the Awarded Bidder and may also request a reduction in pricing based on the downward movement of the applicable index. If no adjustment request is received, the County will assume that the awarded Bidder has agreed to the current prices. The Bidder's pricing shall be fully inclusive of the Bidder's overhead, profit, travel, and miscellaneous expenses. No additional costs will be accepted by the County.

2.7 ADDITIONAL ITEMS

While the County has listed its most used types of pilot training and aircrafts within this Solicitation, there may be other types of pilot training needed in the future, during the term of this contract. Under those circumstances, a County representative will contact the Awarded Bidder to obtain a price quote for the additional types of training, as needed. These one-off additions will be incorporated into the contract via a Contract Modification, to be executed by the Awarded Bidder.

2.8 INDEMNIFICATION AND INSURANCE REQUIREMENTS

The Awarded Bidder shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Awarded Bidder or its employees, agents, servants, partners principals or subcontractors. The Awarded Bidder shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. The Awarded Bidder expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the Awarded Bidder shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

The Awarded Bidder shall furnish to the Strategic Procurement Department, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation Insurance for all employees of the Contractor as required by Florida Statute 440.
- B. Commercial General Liability Insurance in an amount not less than \$1,000,000 per occurrence, and \$2,000,000 in the aggregate, not to exclude coverage for Products and Completed Operations. Miami-Dade County must be shown as an additional insured with respect to this coverage.
- C. 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.
- D. Professional Liability Insurance in an amount not less than \$1,000,000 per claim.

All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications: The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.

or

The company must hold a valid Florida Certificate of Authority as shown in the latest “List of All Insurance Companies Authorized or Approved to Do Business in Florida” issued by the State of Florida Department of Financial Services.

CERTIFICATE HOLDER MUST READ: MIAMI-DADE COUNTY
111 NW 1st STREET
SUITE 2340
MIAMI, FL 33128

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SECTION 3
SCOPE OF WORK AND TECHNICAL REQUIREMENTS

3.1 SCOPE OF WORK

Provide Miami-Dade Fire Rescue helicopter pilots, AW139 Helicopter initial, remedial, and recurrent pilot training, night vision goggle training and full motion flight simulators using FAA approved curriculum, required to comply with the Federal regulations where applicable. Pilots will require annual certifications. There are 22 pilot slots that will require either initial (new hire), recurrent, and/or remedial training annually, as needed. Miami-Dade Fire Rescue staff will coordinate specific training schedules with the Awarded Bidder.

3.2 GOODS/SERVICES TO BE PROVIDED

The items below are required by Federal Regulations, annually by TYPE rating of Aircrafts.

1. FAR 61 Endorsements: 61.57(b) 61.57(d), every 12 months per pilot.
2. FAR 61 Test/Checks: 61.58 Pilot in Command (PIC), every 12 months per pilot.
3. NVG Pilot Currency Requirement FAR 61.57
 - a. Takeoffs and landings.
 - b. Hovering.
 - c. Area Departures/Arrivals.
 - d. Aided to Unaided transitions.

3.3 TRAINING REQUIREMENTS

Training is required for the pilots to operate the aircraft(s). FAA mandates initial & recurrent training requirements. The Awarded Bidder shall provide the following services, Pilot Training in accordance with formal curriculums:

- AW139 initial, remediation, and recurrent training for PIC and SIC (second in command).
- AN/AVS-9 White Phosphor NVG Training
- Class D AW139 simulators
- Remediation training will be tracked by the Awarded Bidder and addressed in real time during renewal.

The Awarded Bidder shall provide pilots with logical, in-depth, and relevant instruction on the Agusta Westland AW139 aircraft and its systems, emphasizing efficient emergency procedures, analysis, and practical utilization of CRM techniques. The Awarded Bidder shall also provide pilots with logical, in-depth, and relevant instructions on AN/AVS-9 White Phosphor Night Vision goggles. Classroom discussions shall be presented in a clear and logical building block sequence to facilitate total system comprehension. Structured program reviews, practical exercises, homework assignments, and a final examination are to be used to evaluate participant progress. Flight training shall be conducted in Class D AW139 simulators.

The Awarded Bidder shall provide the following AW139 training upon request:

1. MDFR Specialized Training
 - Inadvertent Instrument Meteorological Conditions (IIMC) Recovery to RNAV approach with missed approach then to ILS with landing. Set weight to 14000 pounds and temperature to 30c. Hoist Hover work with engine failures. Hover height for EEC failures set to 90 feet and temperature set to 30c. SVFR from approach to Heliport.
2. Simulator Training (Preflight Procedures):
 - Performance Calculations and Limitations
 - External Visual Inspection
 - Preflight Inspections

- Use of Checklist
 - Power plant Start Normal / Abnormal
 - Before Takeoff Checks
 - Taxiing / Runway Operations
3. Takeoff and Departures Phase
- Normal Takeoff and Climb
 - Crosswind Takeoff
 - Instrument Takeoff RVR (Runway Visual Range): 1200'
 - Powerplant Failure During Takeoff
 - Powerplant Failure (without Restart)
 - Instrument Departure
4. Inflight Maneuvers
- Steep Turns
 - Powerplant Failure (including Shutdown / Restart)
 - Recovery from Unusual Attitudes
 - Settling with Power – Recognition and Recovery
 - Inadvertent IMC (Instrument Meteorological Conditions) Recovery
5. Instruments Procedures
- Holding
 - Precision Approach RVR: 1600' PA: ILS
 - Non-precision Approach NPA: LOC/DME RVAN (GPS) LPV VOR
 - Missed Approach
 - Instrument Arrival
 - Precision Approach, One Engine Inoperative – Manually Flown RVR: 2400' PA: ILS
 - Non-precision Approach - Manually Flown NPA: LOC
 - Non-precision Approach - Manually Flown NPA: RNAV (GPS) LPV
 - Missed Approach with One Engine Inoperative
 - Missed Approach from a Precision Approach
 - Published Missed Approach
6. Landings and Approaches to Landing
- Normal Approach and Landing
 - Crosswind Landing
 - Approach and Landing with Powerplant Failure
 - Go-Around / Rejected Landing
 - Landing from a Precision Approach
7. Normal / Abnormal / Emergency Procedures / Operations
- Powerplant
 - Fuel System
 - Electrical System
 - Fire Detection and Extinguishing System
 - Hydraulic System
 - Flight Controls System
 - Loss of Tail Rotor Effectiveness
 - Autorotation
 - AFCS / EFIS and Related Subsystems

- Helicopter and Personal Emergency Equipment
- Emergency Decent (Maximum Rate)
- In-Flight Fire and Smoke Removal
- Emergency Evacuation
- Ditching
- Environmental / Air Conditioning System
- Navigation and Avionics System
- Anti-ice and Deice Systems

8. Advance Flight Maneuvers

- Ridgeline and Pinnacles
- Confined Area Reconnaissance Procedure
- Quick Stop
- Slope Landing
- Steep Approach
- Shallow Approach
- Brownout / Whiteout / Flat Light
- Low Rotor RPM
- Ground Resonance
- Dynamic Rollover
- Ditching
- CAT A Takeoff Operations
- CAT A Approach and Landing Operations

9. Post Flight Procedures

- After Landing Procedures
- Parking and Securing
- Advanced Avionics Systems

10. Ground Training Curriculum:

- Aircraft General
- Electrical
- Lighting
- Fuel
- Power plant
- Fire Protection
- Master Warning
- Powertrain
- Rotors
- Landing Gear
- Flight Controls / AFCS
- Hydraulics
- Environmental Systems
- Ice & Rain Protection
- Avionics / Communications
- Optional Equipment / Kits and Accessories
- Weight & Balance
- Performance
- Flight Planning
- Approved RFM/AOM

- Crew / Single Pilot Recourse Management (CRM/SRM)
- Part 91 General Operating and Flight Rules
- Inadvertent IMC
- Systems Integration

Remediation training shall be provided by the Awarded Bidder, without incurring extra cost. Successful completion is dependent on the participant attending all course sessions, participating as directed in the periodic reviews and assignments, completing all practical exercises, and successfully passing the final assessment. The Awarded Bidder shall provide a Logbook of endorsements, certificates, and training records. The Awarded Bidder shall oversee all requirements. Instructor lead courses shall address all required items based on the course(s) curriculum.

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SECTION 4
BID SUBMITTAL REQUIRED CRITERIA

TO BE COMPLETED BY ALL BIDDERS

Refer to Paragraph 2.5 to ensure that Bidder's responses and attachments comply with the Solicitation's requirements.

Paragraph Reference	Bidder Requirements
2.5.1	<p>Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing pilot training and certification services to be considered for award. Bidder or Bidder's Subcontractor shall provide two (2) different references from customers to whom the Bidder or Bidder's Subcontractor has provided or is currently providing the goods and services described throughout this Solicitation. In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with Resolution No. 1122-21.</p> <p>The references should include the customer's company name, and the contact person's name, title, address, telephone number, and e-mail address, who can verify that the Bidder/Subcontractor/Bidder's key personnel has successfully provided the goods/services. These references shall ascertain to the County's satisfaction that the Bidder has sufficient expertise in the industry and its firm is properly equipped to perform the required goods/services.</p> <p>Reference Company Name No. 1: <input type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 1."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p> <p>Reference Company Name No. 2: <input type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 2."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p>

2.5.2	<p>Bidder shall provide documentation verifying the Bidder is a certified and/or licensed instructor capable of providing the services specified in Section 3. The County will be the sole judge of determining if the Bidder's documentation is sufficient.</p> <p>Certification/License/Permit Number: _____</p> <p>Expiration Date: _____</p>	<input type="checkbox"/>
2.5.3	<p>Bidder shall assign a competent representative who is cognizant of industry standards and is authorized to discuss matters pertaining to the resultant Contract and provide the County with support and information. The Bidder's representative shall be able to communicate with the County and shall have full authority to act on behalf of the Bidder on all matters related to the resultant Contract. Bidders are required to provide their authorized representative's name, phone number, and e-mail address. All resources shall be available twenty-four (24) hours a day to provide immediate support and expedite services.</p> <p>Name of Bidder's Authorized Representative: _____</p> <p>Title of Bidder's Authorized Representative: _____</p> <p>Phone Number: _____</p> <p>E-mail address: _____</p>	
2.5.4	<p>Bidder shall submit pricing in Informs. Failure to submit pricing in Informs may cause the Bidder's offer to be deemed non-responsive and thus ineligible for award.</p>	<input type="checkbox"/>

<u>Year</u>	<u>Course Description</u>	<u>Unit of Measure</u>	<u>Price</u>
Year 1	AW139 Initial Pilot (new hires)	Each	\$ _____
	AW139 Recurrent Pilot	Each	\$ _____
	AW139 Prior Experience	Each	\$ _____
Year 2	AW139 Initial Pilot (new hires)	Each	\$ _____
	AW139 Recurrent Pilot	Each	\$ _____
	AW139 Prior Experience	Each	\$ _____
Year 3	AW139 Initial Pilot (new hires)	Each	\$ _____
	AW139 Recurrent Pilot	Each	\$ _____
	AW139 Prior Experience	Each	\$ _____
Year 4	AW139 Initial Pilot (new hires)	Each	\$ _____
	AW139 Recurrent Pilot	Each	\$ _____
	AW139 Prior Experience	Each	\$ _____
Year 5	AW139 Initial Pilot (new hires)	Each	\$ _____
	AW139 Recurrent Pilot	Each	\$ _____
	AW139 Prior Experience	Each	\$ _____