



Florida Department of Transportation

719 S. Woodland Boulevard
DeLand, Florida 32720-6834

RICK SCOTT
GOVERNOR

MIKE DEW
SECRETARY

Question and Answers #3

ADVERTISEMENT NUMBER: RFI-DOT-18-19-5001-UCF

DESCRIPTION: District Five PedSafe/Greenway Deployment Project-Autonomous Shuttle for University of Central Florida Campus

DATE: September 10, 2018

- 1) Please clarify how the information in the response to the requested RFI will be kept confidential. Much of what is requested in the RFI could be deemed confidential, proprietary and experience “know how” developed by each of the respondents.

Answer: The information below is standard boilerplate language for the State of Florida, Department of Transportation, solicitations—ITB—Invitation to Bid, RFP—Request for Proposal, and ITN—Invitation to Negotiate. If your company intends to submit Confidential Information as a response to this RFI—Request for Information, PLEASE notify the Purchasing Agent, in advance, at D5.ProcurementQuestions@dot.state.fl.us as an Addendum will need to be posted prior to the RFI due date.

Copyrighted material will be accepted as part of a technical proposal only if accompanied by a waiver that will allow the Department to make paper and electronic copies necessary for the use of Department staff and agents. It is noted that copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Therefore, such material will be subject to viewing by the public, but copies of the material will not be provided to the public.

The Proposer must include any materials it asserts to be exempted from public disclosure under Chapter 119, Florida Statutes, in a separate bound document labeled "Attachment to Request for Proposals, Number RFP# - Confidential Material". The Proposer must identify the specific Statute that authorizes exemption from the Public Records Law. Any claim of confidentiality on materials the Proposer asserts to be exempt from public disclosure and placed elsewhere in the proposal will be considered waived by the Proposer upon submission, effective after opening.

- 2) Can FDOT and UCF clarify their relationship and responsibilities? During the RFP stage, who will be the “Owner”, FDOT or UCF?

Answer: FDOT will serve as the “Owner” and will be responsible for advertisement of the final RFP, selection and purchasing. UCF will serve as a participating party with involvement including, but not limited to, providing input during the RFP process, performing research of operational performance metrics, maintaining the pedestrian-access facilities on which the AV shuttle will exclusively operate.

3) Please clarify the process and timing post-RFI.

Answer: RFI responses are due by September 18, 2018, at which point the Department will review and determine if an additional RFI is required or, if all required information has been received, being development of the final RFP package. The final RFP package is anticipated for advertisement early in the 2019 calendar year, however specific dates have not yet been determined

4) Can you confirm what type of funding is expected to be used for the Procurement?

Answer: This Procurement is tied to the funds of an Advanced Transportation and Congestion Management Technologies (ATCMTD) federal grant awarded to the Department. The procurement will therefore follow federal criteria.

5) Can you confirm the budget for the Turnkey Solution and Operations and Maintenance?

Answer: The total proposed budget is \$840,000.

6) What regulatory requirements for Procurement are expected to apply?

Answer: All vendors must be registered in MyFloridaMarketPlace in order to do business with the State of Florida. Here is the link to register: <https://vendor.myfloridamarketplace.com/vms-web/spring/login;jsessionid=58426FDE8D8934735436F1DCAF3A8E3F.jvm1?execution=e1s1> If there are any questions during the registration process, call 1-866-352-3776 for assistance. All vendors must have a valid W-9 on file: The Florida Department of Financial Services (DFS) requires all vendors that do business with the state to submit an electronic Substitute Form W-9. Vendors must submit their W-9 forms electronically at <https://flvendor.myfloridacfo.com> to receive payments from the state. Contact the DFS Customer Service Desk at (850) 413-5519 or FLW9@myfloridacfo.com with any questions. All vendors must be registered with the Division of Corporations at www.sunbiz.org . In addition, please follow all information contained in the original solicitation document as to what is required for a specific project.

7) Is Buy America a requirement?

Answer: Yes. The Department requests responses to include detail for how this requirement impacts your proposal.

8) Will there be a Local Content requirement?

Answer: By Federal Criteria, local preference will not be given. Is this what is meant?

9) Will there be specific requirements provided that distinguishes developed technology from others? It is recommended that a Service Proven approach be applied which identifies safety requirements/history, years of service, years of passenger's service, passengers carried and other similar criteria.

Answer: The final grading and selection criteria have not been determined.

10) Is there any information on “peak” and “off peak” or People Per Hour Per Direction (PPHPD) estimate?

Answer: No, there is currently no information to provide related to People Per Hour Per Direction (PPHPD) for the University of Central Florida campus.

11) Will the Owner provide dedicated and secure ROW for Autonomous Vehicle operations?

Answer: No, AV shuttles are intended to operate within existing pedestrian facilities within the University of Central Florida right-of-way.

12) Is there any requirement for a safety driver or attendant on-board?

Answer: No, the intent is for vehicles to achieve autonomous operation Level 4 with no on-board safety attendant.

13) Are we talking about a demonstration or permanent project?

Answer: The final RFP will require the vendor to provide permanent AV shuttle service operation for the duration of the contract period.

14) Origin to destination matrix?

Answer: Proposed service operation information, inclusive of proposed routes and service stop locations, is provided within the RFI document, Exhibit A, Enclosure 2 and Exhibit A, Section II – Services, Sub-Section A. As this is not an existing route no Origin Destination information has been collected or provided.

15) What are the hours of operation?

Answer: Hours of operation are provided within the RFI document, Exhibit A, Section II – Services, Sub-Section A.

16) Who is the service organization?

Answer: FDOT will serve as the “Owner” and will be responsible for advertisement of the final RFP, selection, and purchasing. UCF will serve as a participating party, as noted above, and will include involvement from multiple parties, including Parking and Transportation Services, Facilities, Campus Police Department, and others.

17) What is the maximum waiting times?

Answer: There is not a maximum waiting time requirement. Vendor responses should provide a proposed schedule of operation inclusive of proposed time tables, minimum/maximum headways, dwell times, anticipated passenger wait times, and any other information the vendor deems important for the Department to consider.

18) What is the minimum frequency?

Answer: There is not a minimum frequency requirement. Vendor responses should provide a proposed schedule of operation inclusive of proposed time tables, minimum/maximum headways, dwell times, anticipated passenger wait times, and any other information the vendor deems important for the Department to consider.

19) Should the systems operate on a dedicated track (fences) or mixed traffic?

Answer: AV shuttle operation is proposed within pedestrian-access facilities in mixed traffic scenarios, inclusive of pedestrians, bicyclists and other electrically propelled maintenance vehicles.

20) What safety target will apply and who will certify the systems in case of implementation?

Answer: Vendors shall propose AV shuttle vehicles that have met or exceeded the safety requirements outlined in the RFI document, Exhibit A, Enclosure 1 – Technical Requirements, Section I – Minimum Requirements for Autonomous Shuttle. If a vehicle is unable to satisfy these specific requirements, has not been submitted for certification or has received alternative safety certification, vendor responses shall provide all relevant detail to the Department for consideration.

21) Technical Requirements

Section I: Minimal Requirements for Autonomous Shuttle
Item. D (p A-9)

Question: What is meant when stated the vehicle must be "bi-directional?" Are you requesting the shuttle go back and forth without ever turning around?

Answer: The intent of "bi-directional" is to propose vehicles that can operate with equivalent measures of effectiveness in either direction, requiring no additional infrastructure for vehicle turn-arounds or means for the vehicle to reverse direction.

22) Scope of Services

Section II: Services
A-d. Autonomous Shuttle Service (p. A-7)

Question: Has the University and partners already identified research and/or applications which could be tested during this pilot?

Answer: No, specific performance measures and/or applications for which the University will perform research have not been finalized.