

FLORIDA DEPARTMENT OF TRANSPORTATION

Procurement Office
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ADDENDUM NO. 1

DATE: March 24, 2015

BID#: ITB-DOT-14/15-9034-JP

BID TITLE: Access Control System for the Motor Carrier Size and Weigh Stations-Statewide
OPENING DATE: March 30, 2015 at 11:00a.m., Local Time

Notice is hereby given of the following questions and answers to the above referenced Invitation to Bid:

Bidders must acknowledge receipt of this Addendum by completing and returning to the Procurement Office, by no later than the time and date of the bid opening.
Failure to do so may subject the bidder to disqualification.

Joyce Plummer, Procurement Agent

_____ Bidder

_____ Address

_____ Submitted by (Signature)

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

Questions received from Bidders and FDOT Answers

ITB Title: Access Control System for the Motor Carrier Size and Weigh Stations-Statewide

ITB Number: ITB-DOT-14/15-9034-JP

Question: On the bid sheet / location sheet, where it states keypads needed, does this mean readers needed and not keypads?

FDOT Answer: These are the punch pads, the numerical key pads our staff uses to enter their respective facilities. Readers could be another term for them, yes. We supplied a picture of our existing "keypads".

Question: Locations that have no existing keypads – will FDOT require the electrified hardware to be installed? If so what is the door type and or electrified door hardware need for the sites?

FDOT Answer: FDOT will not supply the electrified hardware, we would expect the vendor to. The doors are your standard store front doors, with laminated glass.

Question: Upon award will we get architectural drawings with device layout so that we can provide riser diagrams for installation and Asbuilts upon completion?

FDOT Answer: Upon award we can provide a few of the locations. Some of these locations are old and therefore the existing architectural drawings are not available.

Question: Please elaborate on the buzzer system. Is the buzzer system have a door release button to release the door remotely? Is the buzzer system to remain in place?

FDOT Answer: The current system is hard wired. There are two buttons under the desk/counter in the inspector's area that they press in order to unlock the exterior driver's room entrance door. As detailed, this system works at some of our facilities and others it doesn't. We are attempting to fix the non-working or non-existent systems to get each facility on the same footing. Hard wired or wireless, we are receptive to both systems. We would like the systems that work to remain in place. The inoperative systems should be replaced with a system that provides the same outcome, but does not have to be the same hardware previously installed/provided.

Question: Through the list of sites and their associated equipment, there are several references to intercoms? Are there further specification for the intercom system to be provided? Are they stand alone per site or all networked together? Do they need to be integrated into the phone system? If yes, is SIP the desired protocol? Is there a desired manufacturer?

FDOT Answer: The only intercom referenced is for the Lake City Scale Maintenance office. We intend for the visitor to press a button requesting an audible response from our technicians. Our technician would buzz-in (press a button) the visitor (unlock the door) to enter the facility. They do not need to be integrated into the phone system. There is no desired manufacturer. Just that it needs to be weather rated due to its external installation.

Question: Do all locations have internet available for the new systems to connect to?

FDOT Answer: They do.

Question: Are all required door strikes in place?

FDOT Answer: They are.

Question: In Building Number 13(Lake City Scale Maintenance) it has intercom in parenthesis. Are we to install a new intercom, if so what is required?

FDOT Answer: - We do expect the vendor to install an intercom. We intend for the visitor to press a button requesting an audible response from our technicians. Our technician would buzz-in (press a button) the visitor (unlock the door) to enter the facility.

Question: American Fire & Security is a Women Business owned Company but is not certified through the state of Florida. American Fire & Security would perform the entire contract. Would this meet the MBE qualification for this contract?

FDOT Answer: There is no MBE qualification for this contract. The Department encourages small, minority, women, and service-disabled veteran businesses to compete for Department contracts, both as "Vendor" and as subcontractors. Please see Item 5. "Diversity Achievement" of the Special Conditions.

Question: Regarding the buzzer systems that need to be repaired. Are these a buzzer at a desk that opens a outside door or are there multiple buzzers and doors to be opened, and are these the same at all locations

FDOT Answer: There is typically two buzzers located under the desk where inspectors can press the button to allow truck driver's to enter the truck driver's room (one exterior door to the building). This is the set-up statewide, but some systems currently work and some do not. The Lake City Scale Maintenance office does not and never had this system in place. That may be the case at other facilities.

Question: The bid sheet shows locations and keypads, etc. needed, however, you're also asking for Key FOBs. Is the intent to replace keypads that require a push button PIN approach with a FOB proximity solution? In other words, why are FOBs necessary if the vendor is only replacing PIN keypads?

FDOT Answer: We are asking for a two option system for our users. A key fob based option and a pin pad option should they ever lose or leave their key fob at home. If the existing keypads can still be used that would be great. We want the ability to issue key fobs and 4 digit pin codes.

Question: If FOBs are needed, what is the format or facility code and required Bit # such as 26 bit, or 33 bit?

FDOT Answer: The format is: H10301, Facility Code: 10. 26 bit. iClass SE Keyfobs.

Question: The Project Description section mentions integration with intrusion protection system. Is it the State's intent to require the Access Control System to integrate with the sites' alarm panels? If yes, what brand of alarm system is currently installed. Is the State looking for a closed or open contact to activate/deactivate the system?

FDOT Answer: No, we need the system to integrate or to work-with the existing server based access control system we have. We want the system to be fail secure.

Question: Is the intent of this upgrade for this system to be administered from a central location or at each site?

FDOT Answer: Both, but at a minimum each site.

Question: If it is to be administered from a central location are all locations on a network back to centralized location?

FDOT Answer: They are, if the access is browser based it shouldn't require any internal security requests on behalf of the department. That's if the administration can be accessed from a web browser.

Question: Will need DOT IT department to provide and assist in setup of all IP addresses and point all site locations on network back to centralized communication sever at central location if that is the intent. If it is a local system with administration on site we will just load software and connect to local site communication sever via a USB port with communication module.

FDOT Answer: We have static IP's available for the new system. We will be able to facilitate both local and centralized communications.

Question: Is the intent to use the existing keypads at these locations? If so need the part number for these units and to my knowledge they are keypad only and don't have the capability to use keyfobs.

FDOT Answer: That's correct. We do not have the current part number. We're not certain they have the capability to work with keyfobs, modifications may help. Not entirely sure though.

Question: Or is the intent to change out all keypads to proximity card readers to accept the keyfob and format provided?

FDOT Answer: We prefer all existing hardware be used to cut down on the cost incurred by the state, but if that is not feasible, they will have to be replaced. Although we are asking for keyfobs, we still need the ability to use a 4-digit pin as well.

Question: Is it the intent for us to install door intercoms on sites that don't currently have intercom?

FDOT Answer: The only intercom referenced is for the Lake City Scale Maintenance office. We intend for the visitor to press a button requesting an audible response from our technicians. Our technician would buzz-in (press a button) the visitor (unlock the door) to enter the facility.

Question: Is it the intent to repair intercoms that are currently not working or have issues?

FDOT Answer: There are no pre-existing intercoms at any of these facilities. The above mentioned Lake City Maintenance Office is the only facility we are asking for intercom systems to be installed. You may be referencing the existing door buzzers. There is typically two buzzers located under the desk where inspectors can press the button to allow truck driver's to enter the truck driver's room (one exterior door to the building). This is the set-up statewide, but some systems currently work and some do not. We would like the system either repaired/installed or replaced at each of our facilities, The Lake City Maintenance Office is the only facility that would require an intercom and buzzer system.

Question: Bid form calls out how many keypads to provide per site is that the total per site or is this in addition to what is currently at each location?

FDOT Answer: This is the total per site.

Question: Is this existing system Enterprise version of access control by Avigilon or do you have enterprise video platform from Avigilon we will be connecting with?

FDOT Answer: We have the enterprise access control, which integrates with Avigilon Video, and they both tie into Stentofon intercoms that connect with our existing phone system. We only have this installed at one location. We have a server that can take on additional systems (fobs, users, facility locations, etc.), we do not have the system for each local network to control the new systems to be installed at each of our facilities.

Question: Are all servers and desktops provided by the state?

FDOT Answer: When you say desktops? What more is needed from the desktop other than web browser access? The desktops are, the servers are not provided by the department.

Question: Are we to assume all devices are in working order that are to be reused? If devices are not operational who is responsible for the cost?

FDOT Answer: If devices are not operational, we would expect the awarded vendor to be responsible for those costs. We told you which facilities require new equipment and they all might in the event the existing parts in working order do not work with the new system we are putting in place.

Question: Will panic buttons to unlock the door be done through software or directly to the door or both?

FDOT Answer: The panic buttons will have to be directly wired unless there is a wireless option provided/presented by the awarded vendor.

Question: Are all locks fail secure?

FDOT Answer: We believe the current facilities are fail secure.

Question: Will all locks be required to be fail secure?

FDOT Answer: All locks will be required to be fail secure.

Question: Do buttons for instantaneous locking of entry doors need to be wireless? Can they be hard wired if needed?

FDOT Answer: Wired or wireless will work. Whichever has a better chance of working when power is lost.

Question: Are you looking for an audit trail of instantaneous unlock of doors?

FDOT Answer: Yes, we would like to track when doors are entered and whom entered.

Question: It shows three hours of training for “Client User” and sixteen hours for “Admin/Technical User” if system is existing are these new employees who have not operated the system?

FDOT Answer: The existing system is installed at one of our 32 facilities, so 100% of the users at those other 31 facilities are not aware of the systems operations.

Question: If system is existing is licensing up to date and sufficient for new door adds?

FDOT Answer: It is not, we would need a license for the additional facilities/doors/users.

Question: Under “General Instructions to Respondent’s” section 9 bullet 8 it states “The product offered by the respondent will conform to the specifications without exception” It states earlier that the existing system is Avigilon Enterprise access system. Are we to offer a new access control to work with Avigilon access control or are we to offer a new access control to work with Avigilon enterprise video system?

FDOT Answer: We have the enterprise access control, which integrates with Avigilon Video, and they both tie into Stentofon intercoms that connect with our existing phone system. We only have this installed at one location. We have a server that can take on additional systems (fobs, users, facility locations, etc.), we do not have the system for each local network to control the new systems to be installed at each of our facilities.

Question: Will cypher locks be removed and replaced by weigh station facilities?

FDOT Answer: No, weigh station staff will not remove/add/upgrade existing or new locks installed. If pre-existing cypher locks can be re-used that is preferred.

Question: Are motions and contacts and readers and locks existing at doors to have access control installed or only iEi keypads?

FDOT Answer: Each facility would most likely need access control installed in addition to the iEi keypads, if needed. Each facility has the same cypher locks, but each system is different in how they are managed. We are getting every system to be managed the same way statewide with this project. Some facilities may require more/less motions/contacts/readers/locks to function properly.

Question: Is it the intent of DOT to have the awarded vendor exchange and/or add to each Weigh station, a new access control system and basically upgrade the existing keypads with iClass Readers? The quantity amounts as mentioned in the Bid Sheet descriptions for each location.

FDOT Answer: That is correct.

Question: Will DOT allow a alternate access control software system on their network to bring all the weigh stations up to proximity and still allow for the iClass format for readers?

FDOT Answer: As long as that alternate access control software system works with our pre-existing enterprise access control system, which integrates with Avigilon Video. We have a server that can take on additional systems (fobs, users, facility locations, etc.), we do not have the system for each local network to control the new systems to be installed at each of our facilities.

Question: Will an IP address be available at each site on the DOT internal LAN?

FDOT Answer: Static IP Addresses will be made available, yes.

Question: Are all existing Keypads on each Weigh Station to be exchanged for iClass Card Readers?

FDOT Answer: The preference is for them to be re-used if possible. We are asking for a two option system for our users. A key fob based option and a pin pad option should they ever lose or leave their key fob at home. If the existing keypads can still be used that would be great. We want the ability to issue key fobs and 4 digit pin codes.

Question: When was the existing access control system initially installed?

FDOT Answer: The system we are wanting to utilize was installed in December of 2014. The existing systems we are looking to replace vary in age and we do not have a good timeline to provide.

Question: Several locations are listed in the solicitation as, "*Has no keypad system in place.*" Please confirm whether or not such locations require the installation of a new Avigilon access control system.

FDOT Answer: They would require the installation of a new Avigilon access control system. There isn't anything installed at these facilities, they are literally deadbolt, turnkey set-ups.

Question: Several locations only indicate, "3 keypads needed". Please clarify if there is an existing Avigilon access control system installed at these locations. Also, please clarify whether or not new cabling will be required to be installed between these keypads and the access control system.

FDOT Answer: We have a pre-existing enterprise access control system, which integrates with Avigilon Video. We have a server that can take on additional systems (fobs, users, facility locations, etc.), we do not have the system for each local network to control the new systems to be installed at each of our facilities. Therefore each location requires this upgrade to function. We would like the pre-existing cabling to be used, but there is a good chance this cabling has either deteriorated or just needs to be replaced and so that would be expected of the vendor.

Question: Several locations appear to have existing keypads, however, there does not appear to be an indication of the working status of these keypads. Please confirm that existing keypads are fully operational and do not require replacement.

FDOT Answer: All of the locations have working key pads except those that are non-existent. The number of keypads needed is for the additional key fob readers that would need to be installed.

Question: Several locations are marked as, "no keypad system." Please indicate which, if any, of the following will be required: Installation of new cabling, installation of door strikes, installation of buzzer, and/or installation of exit buttons. If any of these services are required, please indicate the type of door material for each facility such as metal, wood, glass doors.

FDOT Answer: Most likely they will need everything, as they are your standard turnkey, deadbolt operation. Door types: Lake City 441, MacClenny (metal case with wood inside), Bunnell (wooden), Palatka, Lake City Scale Maintenance, Old Town, Hopewell (glass store front door)

Question: If any of the locations require magnetic locks or door strikes, please indicate the number and location of these devices for each of the sites.

FDOT Answer: Just the (6) locations mentioned. The Lake City Scale Maintenance building will have new store front doors. Lake City 441, MacClenny (metal case with wood inside), Bunnell (wooden), Palatka, Lake City Scale Maintenance, Old Town, Hopewell (glass store front door)

Question: Is the bidder required to provide maintenance and service support following the initial installation? If so, what is the duration and other terms of such a service contract.

FDOT Answer: No maintenance or service is required. Just a 6 year warranty on hardware, software and software upgrades.

Question: It appears a warranty of seven years is required for the installed equipment. Does this warranty pertain to the existing infrastructure that will not be replaced, such as the existing Avigilon access control systems? What are the desired parameters of the service level agreement associated with the warranty, such as response times, shipping, installation time frames, etc. that are required.

FDOT Answer: This entire project must be completed by June 20th, 2015. The warranty is only for newly installed systems. We are requiring a response time for major warranty items to be 24 hours and 72 hours for minor warranty items.

Question: Our experience with similar projects has shown that obstructed or faulty cabling and conduit can jeopardize the successful execution of a contract on time and budget. The solicitation does not appear to indicate the current quality of the cabling and conduit. Please confirm all existing cabling, requiring re-use for this installation, is not frayed or in otherwise non-functioning condition. Also, please confirm all existing conduit and internal cable ways are not damaged and/or otherwise obstructed or faulty preventing the removal/replacement of existing or installation of new cabling. If any wiring or conduit is faulty, please provide a specific list of those items, their locations, and a description of the repairs required to remediate by the bidder.

FDOT Answer: We simply cannot fulfill this request. We do not have the manpower nor the qualified personnel to determine the existing condition of our cabling, conduit, etc.

Question: Please indicate which sites will require panic button installation and how many buttons per site will be required.

FDOT Answer: We do not have any panic buttons, nor do we want them installed.

Question: Please confirm is the existing Avigilon systems are configured with networking for remote access.

FDOT Answer: It currently is not, it's completely local at the moment. We will have fiber installed in the near future and plan to take this entire system networked to a central location, like Tallahassee.

Question: Several locations appear to have no keypad installed. Please confirm if the new keypads will be mounted on building structures or if will they be located at a location other than the structure itself, such as a remote gate. If a remote mounting is required, please provide the distance from the building structure to the remote location for the conduit (please note, this may not be a straight line as there may be existing natural obstructions or manmade structures preventing the laying of conduit in a straight line). Also, please provide any available designs or graphics of the remote location.

FDOT Answer: They would be mounted on the building structure.

Question: Please confirm if the key fob frequency used is currently 125khz. If not, please identify the existing and desired frequency.

FDOT Answer: The frequency is 13.56, they are a format of: H10301, Facility Code: 10. 26 bit. iClass SE Keyfobs.

Question: Please provide any available current designs, blueprints, graphic, and/or site survey reports for the structures and facilities for each of the sites.

FDOT Answer: We just don't have it. Definitely would have provided with the initial package if we had them. It's unfortunate.

Question: If the government response to any of the questions are found to be significant and/or substantive such that they cause a notable change to the specific requirements, would the government consider extending the proposal response deadline to 15 April to allow for a fair and equitable response period to accommodate such changes?

FDOT Answer: We really can't extend the proposal response time. We are in a crunch as it is in terms of getting these upgrades completed on time.

Question: Confirm the successful vendor can supply all Access equipment and bill for all prior to completion of each site.

FDOT Answer: That is correct, we can pay the vendor once each respective site has been completed, rather than having to wait until the entire state is completed.

Question: The existing key pads are indicative of "stand alone" systems. Is the new system than requiring internal wiring be added from each door to a local IDF in each location where that data (via a switch or control panel) will communicate via existing DOT communications system to the "head end"?

FDOT Answer: At each of these facilities the existing cabling should be used, it should be plug and play for vendors except for the facilities that didn't have a pre-existing system.

Question: Describe where the ACD/ISD Head End is located and confirm that there is currently communications between each site and that of the Head end. Further confirm that the vendor is not responsible for any communications issues between the individual sites and the Head end location.

FDOT Answer: The main server (access control system) is currently located in Flagler County. At this moment the expectation is that each facility would be locally based for this initial

installation, with the understanding that we would eventually network all of the sites together once the technology to do so was installed. Some sites require network upgrades for a statewide networked system to work.

Question: What Access Control System is currently in place, model?, version?

FDOT Answer: We have the enterprise access control, which integrates with Avigilon Video. We only have this installed at one location. We have a server that can take on additional systems (fobs, users, facility locations, etc.), we do not have the system for each local network to control the new systems to be installed at each of our facilities.

Question: Can you provide us a sample existing wiring diagram of the current system as the pictures that were sent are of a standalone reader without cabling or communication outside of this immediate door?

FDOT Answer: We don't have it. The 22 interstate facilities roughly have the same layout with the exception of the Seffner and Martin County weigh stations. This is why we asked for a graphical user interface showing interactive maps of the facility and all access control points. We don't currently have this and desperately need it.

Question: Can you provide details of the ACS Avigilon manager enterprise equipment (panel quantity throughout the 31 facilities) as per part 1 general paragraph 1.

FDOT Answer: As mentioned in item #3, we only have one instance of this equipment. Each facility would need its own equipment, due to our inability to network the entire state at the moment.

Question: Can you confirm that you are attempting to remove the Avigilon product, as the bid documents lend to believe?

FDOT Answer: That's not correct, this is an upgrade to existing standalone KEYPADS within each weigh station to a unified access control system that is networked so that it functions as basically one system, just it's all over the state. Each system needs to be standalone (local) with this new installation until we can get set-up to have every system managed or monitored from a networked location. This is why we put an emphasis on a web based solution. All of our facilities can touch the internet. We can't connect all of our facilities to a networked server at the moment due to bandwidth and infrastructure issues.