DFW DALLAS FORT WORTH INTERNATIONAL AIRPORT

April 21, 2021

**CLARIFICATIONS** No. 5

Re:     Solicitation No. 8005428 Automated Access Control System Installation and Maintenance Services

Please be advised of the following clarifications to the above referenced Solicitation.

Q1.     The primary production environment shall be one of two operational hosting locations for the PACS applications. Each will be a hot standby for the other in a virtual machine environment. Question: How far apart will these two sites be?

A1.     The Data Center is connected by fiber and specific information will be provided after award.

Q2.     The secondary production environment will be a hot standby for the primary system. It will have complete data replication so that if the primary fails, the secondary can take over in near real time. It will be hosted in a second data center geographically diverse from the primary system. The two production environments may be viewed as a single environment with redundancy/failover capabilities. Question: What is the desired Recovery Time Objective (RTO) and Recovery Point Objective (RPO) in the event of an entire site failure?

A2.     This is a mission critical system.   Production will be at two diverse operation hosting locations. The intent is for the Secondary Production is intended to take over in Real Time.  See Attachment B Section 3.03.01.  Architecture shall be configured in accordance with Attachment B Section 4.03 (99.999% up time).

Q3.     Do you need fully automated failover and failback capabilities of the entire environment?

A3.     Yes.  Per requirements, see also Attachment B Section 4.

Q4.     What is the network connectivity between the two sites?  Speed, connection type, etc.

A4.     The Data Centers are connected via dedicated fiber.  Addition information will be provided after award.

Q5.     Will DFW provide the needed switches and connectivity and bandwidth for data replication between the two sites?

A5.     Yes, as required and based on the Attachment A (SOW) requirements developed during the design process.

Q6.     Will each site run 50% of the production VMs and be a failover for the other site?  Or do you want all of production running in one site and the secondary site only as a hot DR site?

A6.     Each site must be capable of running 100 of production . See Attachment B Section 3.03 and Section 4.

Q7.     Servers and storage shall be sized to support 5 years of data and 3 times the estimated storage requirements to support start-up operations. Servers shall be sized to support at a minimum and will support 50% growth. 25% Spare compute and storage resources should remain available in each physical host. Question: How does DFW want us to calculate these 3 requirements? For storage do we compute 3 times the needed capacity for the applications and then add 25% spare space on top of that? Or is there a different calculation you would like us to use?

A7.     Yes. Per Attachment B Section 5.04, Servers and storage shall be sized to support 5 years of data and 3 times the estimated storage requirements. If the Contractor has a different method of calculation they may propose it and provide the necessary backup documentation as part of their response.

Q8.     How does DFW want us to calculate these 3 requirements? For servers do we build enough overhead for 50% growth and then add another 25% on top of that?

A8.     Yes. Per Attachment B Section 5.05 and Section 5.06.05. If the Contractor has a different method of calculation they may propose it and provide the necessary backup documentation as part of their response.

Q9.     Please clarify, the Kaplogic Professional Services needed for new PSIM deployment?

A9.     See Addendum No 2. Kaplogic is listed in order to have a unit price from Kaplogic should their services be required, during this contract.

Q10.    Please clarify, does the unit pricing request in 5A & 5B need to include installation cost or just cost of equipment only?

A10.    See Addendum No. 2. Item 5 requests a % Discount to DFW off of MSRP for Furnish and Install Unit Pricing.

Q11.    Will DFW provide actual equipment part numbers for unit pricing request in 5A & 5B?

A11.    No. See Addendum No. 2.

Q12.    Please advise what the difference is between price list #5A & #5B

A12.    See Addendum No. 2. There is only a list #5.

Q13.    Please confirm that the cell H87 on your pricing sheet is the amount of the initial contract.

A13.    See Addendum No. 2. Tab labeled: 8005428 Base Bid Pricing Form, Cell H89 is defined as the Total Base Price for all Tasks and Deliverables defined in the SOW - and includes items 1 - 4 on this tab.

Q14.    "Bid Form: Please clarify what is expected to be listed in the following columns: Item #2, Column D - Qty (OR - As Required)"

A14.    See Addendum No. 2.

Q15.    Please provide contacts for each integrated system support vendor, besides the Lenel and Saab contacts already provided.

A15.   See Addendum No. 3

Q16.   Can a tab be added to the Pricing Exhibit to show break down of hours proposed for individual labor line items?

A16.   Yes.  See Addendum No. 2.

Q17.   Can a labor line item be included for a Non-Lenel technician who would perform cable and door hardware installation?

A17.   Yes. See Addendum No. 2 Tab titled: 8005428 Alternate Pricing Form R2, Item 3A/ 3B

Q18.   The Bid Pricing Form Item 5A unit pricing items do not contain model numbers. Please provide specific model numbers for each line item.

A18.   See A11.

Q19.   Is this amount a fixed price or is this initial price considered an IDC order.

A19.   See Addendum No. 2,  Tab labeled: 8005428 Base Bid Pricing Form, Cell H89 is defined as the Total Base Price for all Tasks and Deliverables defined in the SOW  - and includes items 1 - 4 on this tab, and is a fixed price.

Q20.    If so, shouldn't the discount off list impact the subtotals? (Perhaps the formula is incorrect?

A20    See Addendum No. 2.   Item 5 requests a  % Discount to DFW off of MSRP.

Q21.   If these numbers are to be included in the price evaluation, how will each vendor adding their own components be able to be fairly compared?

A21.   See Addendum No. 2. The totals from the Bae Bid Pricing Form – R2 Tab and the IDC Unit Pricing Form R2 Tab will be used for pricing evaluation.

Q22.   Wil Items 1, 2, 3, and 4 within Exhibit C AACS Installation and Maintenance Services Pricing Form be procured by Delivery Orders?  Or is part of the Response to include a Firm-Fixed price for direct price comparison between Proposers?

A22.   See Addendum No. 2, Tab labeled: 8005428 Base Bid Pricing Form R2, Cell H89 is defined as the Total Base Price for all Tasks and Deliverables defined in the SOW - and includes items 1 - 4 on this tab, and is a fixed price.

Q23.   Is there any other documentation of core, "out of the box" PSIM functionality which is available as part of the current release of the PSIM?  (3) What is the planned GA version of the PSIM software product which is expected to be ready for deployment as part of the AACS project?

A23.   Contractor shall review Attachment A (SOW) Section 3 reference documents.  No additional documentation is available as part of this RFP.  The SOW and SRS provide the requirements.

Q24.   Is there a PSIM System Requirements Specification (SRS) Compliance Matrix available, similar to the SRS for the PACS, which was submitted as part of the procurement mentioned in the Question under 6.11 above?

A24.   There is No PSIM System Requirements Specification similar to the SRS for the PACS.  DFW Awarded a contract to Saab for the Situational Awareness Platform.  No separate PSIM contract was awarded at that time.

Q25.    The proposer shall provide a list of all workstation hardware required to support the PSIM (and PACS) users. Hardware must be specified to handle the final system configuration. Include number of workstations, memory, disk space, monitors per workstation, etc. Please ensure requested information supports all three environments. Hardware specifications must be detailed enough such that DFW could write a purchase request for the required hardware.  When you say "final system configuration" should the proposers assume every station should be capable of running both the PSIM and PACS client software or will there be additional software running?

A26.    See Attachment A (SOW) Section 6.2, and Attachment B System Requirements Specification (AACS Architecture and Functional Requirements Tabs) and note the Chart Provided in 9.04.   It is also assumed that ancillary software will be running in support of the required /specified cybersecurity requirements.

Q27.    When you say "Include number of workstations" proposers are not aware of any specific information regarding the IOC deployment. Should we assume to use the quantities in the table in section 7.2.4.12.3.2

A27.    No reference to IOC requirements has been made in the documents, and none should be assumed other than specific references to TacComm.  The RFP Section  7.2.4.12.3.2  table is also included in Attachment B under Section 9.04

Q28.    In the table in section 7.2.4.12.3.2, a number of monitors per workstation is requested. Again, proposers are not aware of any specific IOC requirements. How many monitors would you like for each of the workstations?

A28.    No. Specific IOC requirements were included. Contractor shall specify in their proposal the types and quantities of all monitor requirements necessary to support users of the PACS application. Each TacComm and CBP console position must be capable of displaying: Active Event Screen, Event Summary Screen, Card Holder Screen, 4 Video Feeds, Alarm summary screen, PACS dashboard, Query and report screen.  Other user locations will only require 0-2 video feeds, and 3 of the other screens listed above. Contractor shall specify recommended layout for monitors at each user location for most efficient operation. See Attachment B Section 8.

Q29.    Section 7.2.4.7.6 requests that the contractor  "List all human resources contributing to the Scope of Work / SRS and their respective major area of responsibility in this project as well as the percentage of time to be spent on this project.". Section 7.2.4.13.2.1 requests that we "Describe roles and or functions each person (including subcontractors) will perform on the project. List all human resources contributing to the Scope of Work / Specifications and their respective major area of responsibility in this project as well as the percentage of time to be spent on this project.". Can DFW confirm that we should provide the same information in two different places in our proposal response?

A29     See Addendum No. 3.  The Bidder shall provide the staffing plan information requested in Tab 9, RFP Section 7.2.4.13.

Q30.    When adding the points per bullet point it totals 30 points, please clarify if it should be 25 or 30 points.  If it should be 25 points, which requirement is less.

A30.    See Addendum No. 3.

Q31.    How will permits be pulled?  Permits - per terminal?  Per section?

A31.    As of this time, permits will be needed only for Test LAB under this SOW - should work be required under IDC, it will be identified at that time.

Q32.    There is overlap of the same information in 7.2.4.7.6 and 7.2.4.13.2.1, please clarify if you would like this information in both sections or just one.  If one section, please identify which section.

A32.    See A29.

Q33.    There is overlap of the same information in 7.2.4.7.6 and 7.2.4.13.4.1, please clarify if you would like this information in both sections or just one. If one section, please identify which section.

A33.    See A29.

Q34.    This section requests that the Contractor submit "a list of how many engineers / technicians they have at each certification tier with their name, training/certification level, and training expiration date". Currently, Lenel certifications do not have "expiration dates" and only cease being active if the certification holder does not keep up with the required continuous education credits. Instead of providing expiration dates would it be acceptable to confirm active status and provide certification numbers?

A34     Yes. The current status would be sufficient.  Bidders shall provide a list of how many LenelS2 OnGuard certified engineers / technicians the contractor has, including their name, training/certification level, latest version of OnGuard they are certified on and certification number.


**NOTE**: A copy of this questions and clarifications shall be acknowledged by appropriate signature and attached to the submitted proposal.


_____
Company Name


_____
Signed                                    Date


If you have any questions regarding this matter, contact during normal working hours (8:00 AM to 4:30 PM, Monday through Friday) at 972-973- 5620(p), or at the email address of shhamilton@dfwairport.com
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Sincerely,



Shannon Hamilton
Procurement and Materials Management Department