

CITY OF LAREDO
PURCHASING DIVISION



**CITY OF LAREDO
REQUEST FOR PROPOSALS
LAREDO INTERNATIONAL AIRPORT**

ACCESS CONTROL & CAMERA SYSTEM UPGRADES

Notice is hereby given that the City of Laredo is now accepting sealed proposals for the selection of a firm or individual to upgrade the existing access control and camera system at the City of Laredo International Airport.

Copies of the specifications may be obtained from the Finance Department – Purchasing Division, 5512 Thomas Ave., Laredo, Texas 78041 or by downloading from our website: www.cityoflaredo.com

Proposals will be received at the City Secretary Office, 1110 Houston St., 3rd floor, Laredo, Texas 78040 until **5:00 P.M. on February 18, 2010 and all proposals received will be opened and publicly acknowledged at 3:00 PM on February 19, 2010.**

A pre-proposal meeting will take place on Thursday, February 4, 2010 at 2:00 PM at the City of Laredo Airport Conference room, 5210 Bob Bullock Loop 2nd Floor, Laredo, Texas, 78041

Proposals are to be submitted in a sealed envelope clearly marked:

Proposal: **Access Control & Camera System Upgrades – Airport Department
RFP FY10-031**

Proposals are to be mailed:
**City of Laredo – City Secretary
C/O Gustavo Guevara Jr.
City Hall – Third Floor
PO Box 579
Laredo, Texas 78042-0579**

Hand Delivered:
**City of Laredo – City Secretary
C/O Gustavo Guevara Jr.
City Hall – Third Floor
1110 Houston
Laredo, Texas 78040**

The City of Laredo reserves the right to reject any and all proposal, and to waive any minor irregularities.

SUBMIT ONE ORIGINAL SIGNATURE PROPOSAL AND FOUR (4) COPIES

CITY OF LAREDO
PURCHASING DIVISION



**City of Laredo
Purchasing Division**

Notice to Bidders

Notice is hereby given that the City of Laredo is now accepting sealed proposals for the selection of a firm or individual to upgrade the existing access control and camera system at the City of Laredo International Airport. Copies of the specifications may be obtained from the Finance Department – Purchasing Division, 5512 Thomas Ave., Laredo, Texas 78041 or by downloading from our website: www.cityoflaredo.com Proposals will be received at the City Secretary Office, 1110 Houston St., 3rd floor, Laredo, Texas 78040 until **5:00 P.M. on February 18, 2010** and all proposals received will be opened and publicly acknowledged at 3:00 PM on February 19, 2010.

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**Proposal: Access Control & Camera System Upgrades – Airport Department
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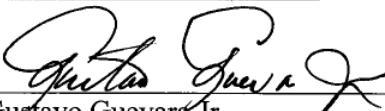
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WITNESS MY HAND AND SEAL, ON THIS 20th DAY OF JANUARY 2010.


Gustavo Guevara Jr.
City Secretary

CITY OF LAREDO
PURCHASING DIVISION

Bidder Information:

Please complete all information requested below and submit with your bid package

"The undersigned affirms that they are duly authorized to execute this contract, that this company, corporation, firm, partnership or individual has not prepared this proposal in collusion with any other vendor, and that the contents of this proposal as to prices, terms or conditions of said proposal have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this request. By submitting this proposal the vendor agrees to the City of Laredo specifications and all terms and conditions stipulated in the proposed document".

Firm Name: _____

Signature _____ Date _____
of person authorized to sign proposal

Print Name _____
of person authorized to sign proposal

Title: _____

Business Address: _____

City, State, Zip Code: _____

Telephone Number: _____ Fax Number: _____

Contact Person Email Address: _____

Federal Tax ID Number: _____

Vendors Principal/Corporate Place of Business Address: _____

Indicated Status of Business:

Corporation _____ Partnership _____ Sole Proprietorship _____ Other: _____

If other state business status: _____

State how long under its present business name: _____

State if company is a certified minority business enterprise:

Historically Underutilized Business (HUB):	Yes	No	Disadvantaged Business Enterprise (DBE):	Yes	No
Small Disadvantaged Business Enterprise (SDBC)	Yes	No	Other: Please specify		

This company is not a certified minority business: ☐

The above minority information is requested for statistical and tracking purposes only and will not influence the amount of expenditure the City will make with any given company

**CITY OF LAREDO
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TERMS AND CONDITIONS OF INVITATIONS FOR PROPOSALS

GENERAL CONDITIONS

Vendors are required to submit Proposals upon the following expressed conditions:

- (a) Vendors shall thoroughly examine the specifications, schedule instructions and other contract documents. Once the award has been made, failure to read all specifications, instructions, and the contract documents, of the City shall not be cause to alter the original contract or for a vendor to request additional compensation.
- (b) Vendors shall make all investigations necessary to thoroughly inform themselves regarding facilities and locations for delivery of materials and equipment as required by the Proposal conditions. No pleas of ignorance by the vendor of conditions that exist or that may hereafter exist as a result of failure or omission on the part of the vendor to make the necessary examinations and investigations, or failure to fulfill in every detail the requirements of the contract documents, will be accepted as a basis for varying the requirements of the City or the compensation to the vendor.
- (c) Vendors are advised that City contracts are subject to all legal requirements provided for in the City Charter and/or applicable City Ordinances, State and Federal Statutes.

1. PREPARATION OF PROPOSALS

Proposals will be prepared in accordance with the following:

- (a) All information required by the proposal form shall be furnished. The vendor shall print or type the business name and manually sign the schedule.
- (b) Unit prices shall be shown and where there is an error in extension of price, the unit price shall govern
- (c) Alternate Proposals will not be considered unless authorized by the invitation for proposals or any applicable addendum
- (d) Proposed delivery time must be shown and shall include Sundays and holidays
- (e) Vendors will not include Federal taxes or State of Texas limited sales tax in proposal prices since the City of Laredo is exempt from payment of such taxes. An exemption certificate will be furnished upon request.

2. DESCRIPTION OF SUPPLIES

Any catalog or manufacturer's reference used in describing an item is merely descriptive, and not restrictive, unless otherwise noted, and is used only to indicate type and quality of material. Vendor is required to state exactly what they intend to furnish; otherwise Vendor shall be required to furnish the items as specified.

3. SUBMISSION OF PROPOSALS

- (a) Proposals and changes thereto shall be enclosed in sealed envelopes, properly addressed and to include the date and hour of the Proposal opening and the material or services. Proposal shall be typed or written on the face of the envelope.
- (b) Unless otherwise noted on the Notice to Vendors cover sheet, all Proposals must be submitted to the Office of the City Secretary, City Hall, 1110 Houston Street, Laredo, Texas 78040. The mailing address is Office of the City Secretary, PO. Box 579, Laredo, Texas 78042.
- (c) Proposals must be submitted on the forms furnished. Telegraphic and facsimile proposals will not be considered.
- (d) Samples, when required, must be submitted within the time specified, at no expense to the City of Laredo. If not destroyed or used up during testing, samples will be returned upon request at the Vendors expense.
- (e) Proposals must be valid for a period of sixty days. An extension to hold proposal pricing for actual quantity bids may be requested by the City.
- (f) The City shall pay no costs or other amounts incurred by any entity in responding to this RFP, or as a result of issuance of this RFP.

4. REJECTION OF PROPOSALS

The City may reject a proposal if:

- (a) Vendor misstates or conceals any material fact in the proposal.
- (b) Proposal does not strictly conform to the law or the requirements of the proposal.

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- (c) Vendor is in arrears on existing contracts or taxes with the City of Laredo.
- (d) If proposals are conditional. Vendor may qualify their Proposal for acceptance by the City on an "ALL OR NONE" basis. An "ALL OR NONE " basis proposal must include all items in the specifications.
- (e) In the event that a vendor is delinquent in the payment of City of Laredo taxes on the day the proposals are opened, including state and local taxes, such fact may constitute grounds for rejection of the proposal or cancellation of the contract. A vendor is considered delinquent, regardless of any contract or agreed judgments to pay such delinquent taxes
- (f) No proposal submitted herein shall be considered unless the vendor warrants that, upon execution of a contract with the City of Laredo, vendor will not engage in employment practices such as discriminating against employees because of race, color, sex, creed, or national origin. Vendor will submit such reports as the City may therefore require assuring compliance with said practices.
- (g) The City may reject all proposals or any part of a proposal whenever it is deemed necessary.
- (h) The City may waive any minor informalities or irregularities in any proposal.

5.0 WITHDRAWAL OF PROPOSALS

Proposals may not be withdrawn after they have been publicly opened, unless approved by the City Council.

6.0 LATE PROPOSALS OR MODIFICATIONS

Proposals and modifications received after the time set for the proposal opening will not be considered. Late proposals will be returned to the vendor unopened.

7.0 CLARIFICATIONS OR OBJECTION TO PROPOSAL SPECIFICATIONS

If any person contemplating submitting a Proposal for this contract is in doubt as to the true meaning of the specifications, or other proposal documents or any part thereof, they may submit to the City Purchasing Agent on or before seven days prior to the scheduled opening date a request for clarification. All requests for information shall be made in writing, and the person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposal, if made, will be made only by an addendum duly issued by the Purchasing Agent. A copy of such addendum will be mailed or delivered to each vendor having receiving a set of proposal documents. The City will not be responsible for any other explanations or interpretations of the proposed proposal made or given prior to the proposal opening or award of contract. Protest Procedures: The purpose of this procedure is to establish procedures whereby a vendor may protest specific procurement actions by the City of Laredo. The following sequence of activities must take place in filing a protest:

To be performed by protesting vendor: Within ten (10) days prior to the time that the City Council considers the recommendation of the City's Purchasing Officer, the protesting vendor must provide written protest to the City Purchasing Officer. Such protest must include specific reasons for the protest.

To be performed by City's Purchasing Officer: Shall review the records of procurement and determine legitimacy and procedural correctness. With five (5) working days, the City Purchasing Officer shall provide written response to the protesting vendor of the decision.

If the protesting vendor is not satisfied with the decision of the City Purchasing Officer, such protesting vendor may appeal to the City Manager of the City of Laredo. If the protesting vendor cannot resolve the issue with the City Manager, he shall be entitled to address his concerns when the City Council of the City of Laredo considers the awarding of the contract. Such appeal may be made only after exhausting all administrative procedures through the City Manager.

All protests must be duly submitted via Certified Mail to:

City of Laredo - Purchasing Agent
5512 Thomas Ave.
Laredo, Texas 78041.

8.0 VENDOR DISCOUNTS

- (a) Percent discounts within a certain period of time can be considered in making the award. The period of the discount offered should be sufficient to permit payments within such period in the regular course of business by the City of Laredo.
- (b) In connection with any discounts offered, time will be computed from the date of receipt of supplies or service or from the date a correct invoice is received, whichever is the later date. Payment is deemed to be made on the date the check is mailed.

9.0 INTENT OF CONTRACT (NOT APPLICABLE FOR THIS CONTRACT AWARD)

There are two types of contracts awarded for materials, equipment or services.

(a) ACTUAL QUANTITIES CONTRACT: Quantities specified are actual amounts and are based on the best available information. The purpose of this contract is to establish prices for the amounts and kind of commodities indicated. The quantity indicated is the quantity the City wants to purchase, but the actual amount purchased is subject to change orders, which may increase or decrease the commodities purchased by 25% more or less.

(b) ANNUAL SUPPLY CONTRACTS: This contract does not commit the City to purchase the quantities indicated. The quantities are estimates and are based on the best available information. The purpose of this contract is to establish prices for the commodities or services needed, should the City need to purchase these commodities or services. Since the quantities are estimates, the City may purchase more than the estimated quantities, less than the estimated quantities, or not purchase any quantities at all. The needs of the City shall govern the amount that is purchased and change orders shall not be applicable.

The City's obligation for performance of an annual supply contract beyond the current fiscal year is contingent upon the availability of appropriated funds from which payments for the contract purchases can be made. If no funds are appropriated and budgeted during the next fiscal year, this contract becomes null and void.

If the contract is for the construction of public works or for the purchase of materials, equipment, and supplies, the municipality may let the contract on either on a lump-sum basis or a unit price basis as the City determines in the specifications. If the contract is let on a unit price basis, the information furnished to Vendors is the approximate quantity needed, based on the best available information, but payment to the contract will be based on the actual quantity constructed or supplied according to the change orders.

10.0 AWARD OF CONTRACT

The contract will be awarded to the vendor who provides the best value for the city based on the evaluation factors listed in the request for proposal document, in accordance to the provisions of the State of Texas - Local Government Code. The City reserves the right to accept any item or group of items in the proposal specifications, unless the Vendor qualifies its proposal by specific limitation. Proof: The vendor shall bear the burden of proof of compliance with the City of Laredo specifications.

A written award of acceptance (a duly approved purchase order or Letter of Award) furnished by the City to the successful vendor results in a binding contract without further action by either party. These Terms and Conditions shall be the basis and governing document of the binding contract.

Prices must be quoted F.O.B. Destination, Laredo, Texas, unless otherwise specified in the invitation to proposal. The place of delivery shall be that set forth in the purchase order.

Title & Risk of Loss: The title and risk of loss of goods shall not pass to the City of Laredo until the City actually receives and takes possession of the goods at the point or points of delivery. The terms of this agreement is "no arrival, no sale".

Delivery time and prompt payment discounts will be considered in breaking ties. In the event of a tie proposal, the successful vendor will be determined by choosing lots at the City Council meeting.

The City of Laredo shall give written notice to the contractor (supplier) if any of the following conditions exist:

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1. Contractor does not provide materials in compliance with specifications and/or within the time schedule specified in proposal.
2. Contractor neglects or refuses to remove materials or equipment which have been rejected by the City of Laredo if found not to comply with the specifications.
3. The contractor makes an unauthorized assignment for the benefit of any contractor.

Upon receiving written notification from the City that one of the above conditions has occurred, the contractor must remedy the problem within ten days, to the complete satisfaction of the City, or the contract will be immediately canceled.

11.0 PAYMENTS & INVOICING

All invoices to the City of Laredo have a 30-day term from receipt of supplies or completion of services. Discount terms will be computed from the date of receipt and acceptance of supplies or services. Payment shall be deemed to be made from that date.

All invoices must show the purchase order number and invoices shall be legible. Items billed on invoices should be specific as to applicable stock, manufacturer catalog or part number. All items must show unit prices. If prices are based on discounts from list, then list prices must appear on Proposal schedule.

All invoices shall be mailed to the Accounts Payable Office, City Hall, PO. Box 210, Laredo, Texas 78042.

12. NON-COLLUSIVE AFFIDAVIT

The City may require that vendors submit a Non-Collusive Affidavit. The vendor will be required to state that the party submitting a proposal or proposal, that such proposal or proposal is genuine and not collusive or sham; that said Vendor has not colluded, conspired, connived or agreed, directly or indirectly, with any vendor or person, to put in a sham proposal or to refrain from submitting a proposal, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the proposal price or affiant or of any other vendor, or to fix any overhead, profit or cost element of said proposal price, or of that of any other vendor, or to secure any advantage against the City of Laredo or any person interested in the proposed contract; and that all statements in said proposal or proposal are true.

***City of Laredo
Laredo International Airport
Access Control & Camera System
Upgrades & Additions
Specifications
RFP FY10-031***

***5210 Bob Bullock Loop
Laredo, TX 78401***

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SECTION 1 - GENERAL CONDITIONS

1.01 DEFINITIONS

- A. Owner - City of Laredo, Laredo International Airport, Laredo, Texas.
- B. Contractor - The firm contracted to perform the Work for the installation, upgrade, and additions to the access control and camera systems, that include the existing card readers, electric locks, door controllers, cameras, video networking, software, and consoles; and to provide maintenance for these items at the facility.
- C. Vendor - Any company submitting a Proposal for the Work as outlined in the Contract Documents.
- D. Proposal Package - Includes documents furnished by the vendor in response to the Contract Documents.
- E. Supplier(s) - Any person and / or company from which the Contractor purchases or obtains parts, materials, or equipment to be installed at the facility, as a part of the Work. Any Supplier used shall be approved by City of Laredo, Laredo International Airport Administration.
- F. Subcontractor(s) - Any person and / or company hired by the Contractor to provide any portion of the Work. Any Subcontractor used shall be approved by the City of Laredo, Laredo International Airport Administration.
- G. Work - All equipment, labor, material, and services necessary to produce the construction in accordance with the Contract Documents.
- H. Access Control and Camera Systems Upgrades and Additions - Shall consist of Instructions to Vendors, the existing Access Control System Equipment, Camera System Equipment, and Other Related Items, including wire, cable, site work for the functional integration of all subsystems as described herein.

Contract Documents - Consists of the Specifications and Request, Instructions to Vendors, Owner Instructions, all Addenda issued prior to the Contract, and all modifications issued after the execution of the Contract. Addenda is the written amendment(s) to the contract signed by both parties, a change order, or a written interpretation issued by the Owner. The Contract Documents do not show all detailed component information necessary for the installation of the Access Control and Camera System upgrades and additions. The Contractor acknowledges that the Contract Documents are a system design guide, only. The Contractor shall be responsible for providing complete, operational, and long lasting installation of the systems. The Contract Documents and copies thereof furnished to the Contractor are and shall remain the property of Owner. They are not to be copied and are to be used only with respect to this Project.

- J. Contract - Agreement between the Owner and Contractor to provide the Work as defined in the Contract Documents.
- K. Project - The total construction including all Work as defined in the Contract Documents. The Project may include construction by the Owner or by other contractors.
- L. Provide - Where the term “provide” is used throughout this section, it shall mean “furnish and install”.
- M. Work - All equipment, labor, materials, and services necessary to produce the construction in accordance with the Contract Documents.

1.02 RESPONSIBILITIES

A. INFORMATION AND SITE VISITS

1. When deemed necessary by the Owner, vendor shall attend all required pre-bid meetings and scheduled site visits to qualify their Proposals for consideration.
2. Information provided, whether verbal or written, in the pre-bid meetings and scheduled site visits must be included in the formulation of the vendors' proposals.
3. Any inconsistency in or omission of information needed to provide a working system or completion of the project shall be the responsibility of the Bidders to be included in their Proposals.
4. Owner shall not be bound by any instructions given to Vendors, Contractors, or Subcontractors that are not in writing and signed by both parties.
5. The selected Contractor represents that the Contract Documents have been carefully studied and evaluated for the Work contracted, and are adequate and sufficient to enable the Contractor to provide for the completion of the Work for the Contract Sum in accordance with all applicable laws, regulations, codes, and acceptable practices; and, as a result, Contractor shall be liable for repairs or replacements to the system or system components that are a result from errors, inconsistencies, or omissions in the Contract Documents.
6. In accepting and utilizing any information or electronic media for the design and construction of the Work, Contractor agrees not to use the information, in whole, or in part, for any purpose other than this project; and, shall indemnify, hold harmless, and defend, including legal fees, the Owner, their officers, and agents from any and all claims arising from the use of the information.

B. BOND REQUIREMENTS

1. In the event the base proposal exceeds \$50,000.00, the successful vendor will be required to furnish a satisfactory Performance Bond in the amount of 100% of the total contract price, and a satisfactory Payment Bond in such amount, both duly executed by such vendor as principal. The successful vendor will be required to provide Performance and Payment bonds issued by an insurance company, licensed in the State of Texas, complying with the minimum State requirements; and, must have a Best's Key Rating as follows:

Construction Contract Amount	Rating
\$100,000 to \$250,000	None
\$250,001 to \$1,000,000	B

2. In the event that the base bid amount is less than \$50,000.00, the payment bond and / or the performance bond will not be required if the successful bidder waives payment until completion of the work and final acceptance by the Owner. This provision applies only if the successful vendor agrees in writing to be paid in one payment upon completion and acceptance of the project by Owner.

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C. WARRANTY

1. Product warranties shall commence upon the date of acceptance of all or part of the system(s) installed at the discretion of the Owner. The date of the warranty commencement shall be determined by a signed document between Owner and Contractor clearly stating the date of acceptance, which shall also include a specific line item stating the commencement of the warranty date. Execution of the acceptance and warranty documents shall be by authorized representatives for the Owner and Contractor, which shall be designated in writing in the contract documents for the project. If the authorized representatives for either party change during the course of the project, all work, invoicing, and authorized payment processing shall cease until such time that this change is communicated to the other party in writing, reviewed, and accepted.
2. Contract shall extend to Owner all rights of the manufacturer's warranties. All manufacturers' warranties shall be for a minimum period of one (1) year. If such warranties from the manufacturer(s) are for less than one (1) year, Contractor shall be responsible for providing the replacement product(s) at their cost to fulfill this one (1) year period. For products that have more than the minimum one (1) year manufacturer's warranty, Contractor shall not inhibit or compromise Owner's interest in said warranty; and, Contractor shall endeavor to support Owner's rights for all product warranties for their entire term.

Contractor shall carefully and diligently follow all manufacturer's installation instructions for the equipment provided for the project, and for existing or other equipment to which connections are needed. It is the Contractor's responsibility to protect all sites and equipment delivered and stored at the Owner's site until final installation and acceptance of the system. Contractor shall repair or replace all products, including cabling, that may fail due to normal use within a one (1) year period from the date of acceptance by the Owner. Contractor is not liable for damage due to misuse, abuse, acts of Nature, intentional or negligent acts or others, or any other event beyond the reasonable control of Contractor.

D. INSURANCE

1. Prior to proceeding with any of the Work, Contractor shall provide Owner with a certificate of insurance from their insurance company that is licensed to do business in the State of Texas, and acceptable to Owner. The certificate of insurance shall evidence the Contractor's coverage in the amounts described:

Commercial General Liability - Minimum Limits	
Each Occurrence	\$1,000,000
General Aggregate	\$2,000,000
Automobile Liability - Minimum Limits	\$1,000,000
Excess Liability - Minimum Limits	
Each Occurrence	\$1,000,000
Aggregate	\$2,000,000
Workers Compensation and Employers Liability	\$1,000,000

2. Contractor shall ensure Subcontractors and Other Contractors participating in the Work shall carry limits of insurance in the same amounts and types described herein; and, contractor shall maintain copies of their certificates of insurance on file for inspection by Owner.
3. Owner shall be named as additional insured under such insurance policies, and Contractor shall provide proof of premium payments prior to commencing operations.

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4. Contractor shall keep insurance(s) in full force until final acceptance of the Work by Owner, and throughout the warranty and / or maintenance period. Any cancellation or changes to the Contractor's insurance during the course of the Work, shall require a notice to be provided Owner at least thirty (30) days prior to cancellation or modification, via registered mail. Contractor shall immediately obtain the same insurance and coverages as the original policy, so as not to delay the Work.

E. INDEMNIFICATION

1. Contractor agrees and shall indemnify, and hold harmless, Owner from and against any and all claims, losses, damages, causes of action, suits, liabilities, including all expenses of litigation, court costs, and attorney fees, for injuries to or death of any person, or damages to property, in connection with the work provided by Contractor, where to the extent that such injury, death, or damage is caused by an act of negligence by the Contractor, or its employees, while on the Owner's premises. Nothing contained herein shall hold Contractor liable for the negligent acts of Owner, its agents, employees, or assigns; nor, shall Contractor assume any liability for losses to third parties, in association with Owner's use or ownership of a system for which Contractor is providing.
2. Contractor shall indemnify Owner for any claim, including legal fees, for worker's compensation benefits, salaries, employment taxes, other benefits, pensions, or assessments by injury to or death of anyone employed by Contractor.
3. Contractor shall protect and defend, including costs for liens and legal fees, the Owner's rights to the work and equipment delivered to the Owner's property for use in the project.

F. PERMITS AND FEES

1. Permits and fees required for the installation of the items related to the systems referenced herein, are the responsibility of the Contractor under the Contract Documents.
2. The Owner will secure and pay for the necessary approvals, easements, assessments, and charges required for any ongoing or future building or site construction, ongoing use or ownership of the systems once installed, use or occupancy of permanent structures, or for permanent changes to the existing facility.

G. ADDITIONAL INFORMATION AND SERVICES

1. Upon request of the Contractor, the Owner shall provide information or services with reasonable promptness to avoid delay in the Work.
2. Contractor shall immediately report to the Owner in writing, any changes in the scope of Work due to changes in the facility site that occur during the course of the Work. Contractor has the responsibility to include in the Proposal all items related to the Work, at the time the Proposal was submitted and Contract Documents were issued.

Owner shall furnish to Contractor, upon execution of the Contract Documents, one reproducible copy of the Drawings and Specifications and Bid Request, and any revisions made thereafter. The electrical power service required to operate all or part of the system(s) described herein shall be provided by Contractor, and included in the vendor's response. Contractor shall submit the proposal response documents for the estimated power requirements needed for each location, clearly stating the electrical service voltage and amperage required, and separate costs for the installation of the required electrical power service. If Contractor is using a subcontractor for the

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installation of the electrical power service, Contractor shall have responsibility for the subcontractor providing the electrical power service; and, the subcontractor shall maintain the appropriate required licenses, permits, and experience to perform the electrical power service work in the same manner as Contractor is required to have the appropriate required licenses, permits, and experience to perform the work on the access control and camera systems. Contractor shall submit copies of the electrical subcontractor's licenses to the Owner prior to starting any of the work described herein. The subcontractor chosen by the Contractor for installing the electrical power service for the systems described herein is subject to the approval by Owner. If at anytime during the course of the work, the electrical subcontractor is not performing their part of the work to the satisfaction of the Owner, inhibiting the work schedule to complete the work in a timely manner, or is interfering with the operations of the facility, Owner shall notify Contractor of such an event; and, Contractor shall correct this deficiency within 3 days of receipt of notification from the Owner, or replace the subcontractor to the Owner's satisfaction. Unless Owner grants an extension of time, without additional cost to Owner, for correction of such deficiency in writing, Contractor shall continue work and add additional labor and resources as needed to maintain the approved or agreed completion schedule.

1.03 PERFORMANCE

A. SCHEDULE OF WORK

1. Contractor shall provide a time schedule for the completion of the work.
2. Contractor shall organize the time schedule to accommodate any time periods needed by Owner to respond in supplying information or other services. Contractor shall continue other aspects of the Work so as not to impede the overall completion schedule of the Work.
3. Except by written instruction of the Owner, Contractor shall not prematurely commence operations in any area of the facility; and, shall maintain the time schedule submitted and approved by Owner.
3. Owner shall grant extensions of time, only in writing, for the progress of the Work to Contractor, for an act or neglect of Owner, or of an employee of Owner, or of a separate contractor of Owner, changes ordered in the work, unusual delays caused by disasters or acts of Nature, or any other unavoidable circumstance beyond the reasonable control of Contractor. Specifically, Owner realizes and understands that a portion of the Work may include outdoor installation of the equipment and materials; and, because of such, weather conditions may cause unforeseen delays.
4. Any claim for extension of time shall be made in writing by Contractor to Owner within five (5) days after the commencement of the delay; otherwise, the extension shall be deemed to be waived.

B. OWNER INSPECTIONS

1. Owner and its designated agents, shall inspect the Work at anytime to determine its progress and quality, or for any other purpose. Owner's periodic inspections shall not constitute acceptance of the Work; and, Owner shall not incur any liability or responsibility by virtue of these periodic inspections.
2. Based upon the Owner's observations and evaluations of the Work, the Owner may reject the Work which does not conform to the Contract Documents.

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3. Whenever the Owner considers it necessary, the Owner may require additional inspections or testing of the Work that does not compromise the part of the system or subsystem being installed, regardless of the state of completion of the Work.
4. Owner reserves the right to retain the services of other inspectors or consultants, including the manufacturer's representatives, to evaluate the Work; and, provide to Contractor their evaluations of the Work as Owner deems necessary.

C. EXECUTION OF WORK

1. Contractor shall fully inspect the project site, take measurements, verify field conditions, and make such other investigations necessary to properly execute the work, prior to commencing with operations.
2. The Contractor shall be responsible for continued operations when connecting equipment to any existing system or structure. These existing conditions include maintaining the existing state of security for the property. Contractor may submit to Owner a schedule regarding times when the regular operations of the facility may be interrupted; and, Owner may accept or deny such as Owner deems necessary.
3. Owner's decisions with respect to the aesthetic effect and continued facility operations during the course of and completion of the Work shall be final and consistent with the intent of the Contract Documents.
4. The Contractor shall bear the responsibility for implementing and maintaining proper safety procedures and programs in connection with the Work, throughout the duration of the Project.
5. The Owner shall not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents, acts or omissions of the Contractor, its Subcontractors, materials, equipment, suppliers, or any other persons performing portions of the Work.
6. The Contractor shall be responsible for coordinating all aspects of the work, including proper notices to the Owner, visitors, employees, other contractors, and subcontractors; and, supervising the work of its subcontractors.
7. Contractor shall be responsible for inspections for all portions of the Work already performed, and shall determine that such portions are in proper condition to continue with other portions of the Work.
8. Upon completion of all portions of the Work, the Contractor shall supply any required labor, materials, and testing equipment to facilitate inspections and approval deemed necessary by Owner or any governing authority. Such testing equipment, materials, or labor shall be supplied by Contractor at a reasonable cost; and, shall not be so exclusive an item, method, or so labor intensive that will excessively burden Contractor financially. However, Contractor shall include in the proposal an amount for testing; and, Contractor shall be obligated to re-test any portion of the Work that fails without any additional cost to Owner.
9. Contractor shall enforce strict discipline and good order among its employees and subcontractors. Contract shall not permit unfit persons to perform tasks for which they are not skilled.

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10. The Contractor shall comply with all applicable laws and regulations regarding the Work, including giving proper notices when required and following lawful orders of public authorities bearing on the performance of the Work.
11. Contractor and its subcontractors shall pay for, hold, maintain, and properly use all licenses required to perform the Work.
12. If the Contractor and its subcontractors perform the Work contrary to the laws, regulations, codes, or ordinances without notice to and written approval of Owner, Contractor shall assume full responsibility for such Work; and, bear the attributable costs.
13. The Contractor shall schedule all site activities with the Owner.
14. The Contractor shall not unreasonably encumber the site with materials, equipment, or interfere with its use by the Owner. Contractor shall confine its operations to the areas according to the agreed schedule, and as permitted by laws and ordinances.
15. Contractor must coordinate the delivery of products to the site with the Owner, and ensure that all products stored at the facility are protected from theft, damage, or injury to the employees or residents of the facility.
16. Contractor shall be responsible for cutting, fitting, and / or patching required to complete the Work; and, shall not damage or endanger any portion of the Work completed, including any construction by Owner or other contractors unless approved by written consent of Owner.
17. Any patching shall conform to match the existing finishes, or as approved by Owner.
18. Contractor shall throughout the course of the Work, keep the premises and surrounding area of the Work free and clear from accumulation of waste materials and rubbish caused by Contractor's operations, on a daily basis. Tools and equipment used for the Work shall be removed from the Work area and either placed in a locked storage or removed from the site. Heavy equipment shall be secured in a remote location of the facility, and secured in as safe a method as reasonably possible to prevent unauthorized use of the equipment.
19. All work areas must be identified by the use of caution tape or bright colored cones. Where possible the work areas should have caution barriers at least 5 ft. from the actual work area, in all directions of approach. Outdoor work areas shall have barrier tape staked at a 5 ft. height, at least 5 ft. from any approach to the work area, and two bands of caution tape 2 ft. apart, spaced vertically. Where deemed necessary by the Owner, barrier fencing shall be used.
20. Open in ground holes or trenches shall be properly covered at the end of each work day; and, when the work is not manned by Contractor.
21. Contractor shall protect and prevent damage to all portions of the Work and all adjacent areas and property not included in the Work; including, damage by theft, vandalism, and the elements. Contractor shall immediately give notice to Owner, in writing, of any damage incurred as a result of the Work. Restoration of the damage shall be the sole responsibility of Contractor. Such damage shall be restored to its original or better condition, subject to the approval of the Owner, or other owners.

Contractor shall act at the Contractor's sole discretion, to prevent threatened damage, injury, or loss in an emergency situation. The Owner shall determine if additional compensation or extension of time is due Contractor on account of the event.

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All existing system equipment, materials, components, and cabling remains the property of the Owner; and, are not to be removed without prior written authorization from Owner. All existing items removed, including cabling, shall be sorted and properly packaged in stackable containers or boxes that are clearly labeled as to the contents of each container. The packaging shall be manageable by one person; unless, Contractor provides prior written notice to Owner of larger items that cannot be managed by one person, safely. All items delivered shall be accompanied by an itemized list indicating the quantity, description, model number, manufacturer, operational status when removed, and location where each item was removed. This list shall have been sent to the Owner at least three days prior to the delivery of the items. Owner may elect to accept these items at a designated time daily, weekly, or on a specific date as determined by Owner. Contractor is not released from responsibility for these removed items until they are delivered to the Owner, and are accepted in writing. Items damaged as a result of mishandling, improper packaging, or items that are missing, as compared to the Owner's list of equipment, shall result in a reduction in the contract amount to be paid to Contractor of ½ % or \$1,000.00; whichever is greater, for each damaged item. Owner may also elect to have Contractor dispose of the items, at no additional charge to Owner. Contractor may also choose to indicate an equipment disposal line item in the cost summary, only for an additional credit to Owner against the contract amount for removing and retaining the existing equipment and items.

D. SPECIAL CONSIDERATIONS

1. The facility provides services to the community in regard to transportation, shipping, and other commerce. Passenger screening, aircraft fuel management, cargo handling, luggage handling, and Customs Inspections, are continuous ongoing activities performed at the facility. During the course of a particular event, there may occur witness and suspect interrogation, prisoner processing and detention, evidence processing, dispatching of emergency services, and coordination with other law enforcement agencies. These services are critical to the community, and Contractor shall conduct weekly meetings for its employees and subcontractors for instruction for proper conduct in the performance their work while during the project.
2. Owner may require Contractor to attend an orientation meeting for its employees and subcontractors for instruction concerning the proper conduct while in the facility.
3. The employees, visitors, and others at the facility are to be treated with utmost respect and understanding of their conditions and age at all times. Verbal insults or physical injury of any kind toward anyone will not be tolerated, regardless of the circumstances. Owner reserves the right to dismiss the Contractor, Subcontractor, or any of their employees for any insulting comments toward or injury to anyone for any reason regardless of the circumstances. Also, Owner may choose to cancel the Contract such an act by Contractor.
4. Contractor may only enter specific areas identified by the Owner as being a secured area, with the minimum amount of tools, equipment, and materials necessary to perform the portion of the Work in the secured area. Contractor must keep an ongoing count of the tools and equipment through the portion of the Work to ensure that any loose equipment of tools do not become engaged in the machinery used at the facility, and compromise the ongoing operations. If the employee of the Contractor or Subcontractor determines a tool or other item is missing, they should immediately report such to the Owner, and notify the Contractor's Supervisor.
5. Upon completing the work in a secured area, immediately perform clean up and housekeeping to remove the waste materials and rubbish associated with the work to minimize injury to others in the facility. Remove any tools, unused materials, and equipment to the equipment or storage rooms, but do not leave any items unattended.

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These secured areas are best worked with 2 persons to provide a watch during the performance of the work and clean up.

6. Coordinate with the staff of the secured area and communicate when the work will be performed and finished. Have the staff check the work area upon completion of the work to ensure nothing is left behind.
7. Entrances and exits to a secured area are to be kept closed at all times. Keep watch during the work to insure persons responding to an emergency are not injured while trying to exit the area. Injury to a Police Officer, City Employee, Fire Department Personnel, or others may result in criminal charges.
8. Upon entering or exiting the facility, emergency vehicles always have the right of way. Any vehicle accidents with any City vehicle, regardless of circumstances, shall be the fault of the Contractor; and, may result in criminal charges. Contractor shall be informed of entrances, exits, and parking areas to be used; and, Contractor shall strictly adhere to the use of these areas.

E. PAYMENTS AND COMPLETION

1. The Contract Sum shall be clearly stated in the Agreement and approved attachments thereto, and is the total amount paid by Owner for the Work that complies with the performance of the tasks, duties, obligations, and responsibilities of the Contractor as stated in the Contract Documents
2. Prior to the first application for payment, the Contractor shall submit to Owner a Schedule of Values that clearly outlines each phase of the portions of Work that are to be completed and accepted by Owner, before making an application for payment. When such schedule is approved and accepted by Owner, the Owner shall use said schedule as a basis for reviewing payment applications to Contractor.
3. All applications for payment submitted by Contractor shall be in accordance with the approved Schedule of Values, and each application shall be separate for each phase of the portion of the Work completed and accepted by Owner. Acceptance and payment made for a particular phase of the Work does not deem acceptance by Owner for all of the portions of Work completed prior to or after such acceptance and payment. Payment applications shall be submitted itemized and in triplicate by the 25th of each month, following inspection of the portion of the Work for which an application for payment is made. If Owner is unable to inspect the portion of the Work for which an application for payment is made, payment may be withheld for an additional 10 days to provide the Owner the ability to inspect the portion of Work. Contractor shall receive payment for approved applications for payment by the 15th day of the month following the due date for the applications for payment each month.
4. All applications for payment shall include a line item deduction of ten percent (10%) as Retainage until the final application for payment is submitted upon final acceptance of the Work.
5. Owner may elect to make payment for items and equipment delivered to the site, but not yet installed. Applications for payment of items delivered to the site shall not include the installation or subcontractor charges, and the storage location must be made accessible to Owner for an audit of the items and equipment delivered to verify accuracy of the application for payment. The application for payment must accurately reflect the amounts for the equipment and items delivered in accordance with the amounts indicated for each item in the pricing and proposal documents.

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6. All of the Work and portions thereof performed, materials, and equipment for which an application for payment has been made to Owner by Contractor, shall have rights and title for such passed to the Owner. Contractor shall continue to protect and indemnify Owner for any damage, loss, claims, liens, repossessions, and associated costs related to such for the Work, equipment, or materials until Owner's final acceptance of the Work.
7. Payments to Contractor shall not be delivered unless a notarized "Waiver of Lien" is received by Owner from Contractor.
8. Owner may decline payment, in whole or in part, to the extent reasonably necessary to protect Owner, if Owner deems that the application for payment does not accurately reflect the Project status, outstanding third party claims, reasonable evidence that a probable claim will be filed, failure of Contractor to pay suppliers and subcontractors, damage to property or others including Owner and other contractors, reasonable evidence that the Work cannot be completed for the remaining unpaid balance of the Contract Sum, missing or damaged materials or equipment for which payment has been made, reasonable evidence that the Work cannot be completed with the scheduled time, repeated failure of the Contractor to carry out the Work in accordance with the Contract Documents, failure of the Contractor to coordinate all aspects of the project with the Owner and attend project meetings or submit proper notices, failure to provide training and documentation to the Owner for warranties, operating manuals, insurance certificates, drawings, and permits required.
9. Contractor shall be required to continue the performance of the Work, regardless of the withholding of any disputed amounts for which an application for payment has been made.
10. Contractor may with fifteen (15) days written notice to Owner, cease operations and stop the Work if Contractor has not received payment for any undisputed amount that has not been paid within twenty-five (25) days after payment application has been made to Owner. Owner shall then issue a Change Order for the start up costs of Contractor to continue the Work, once payment has been made to Contractor. The time schedule for the remainder of the Work shall be adjusted accordingly and submitted to Owner.
11. The Contractor shall notify the Owner when a portion or all of the Work is complete and ready for inspection. The Contractor shall provide Owner an operational outline of the Work for the Owner to use during inspection. The Owner shall provide a list to the Contractor of the items that require correction within three (3) days following a scheduled inspection. Both the outline and corrections list shall be used to re-inspect the Work when the Contractor notifies the Owner the corrections have been made. If accepted upon subsequent inspection, the Owner shall sign for the acceptance on both the outline and the corrections list. The Contractor shall include this documentation with the application for payment.
12. Time is of the essence for this Project; and, if Contractor fails to complete the Work in the time frame agreed to with the Owner, or Owner determines that Contractor may not finish the Work in the required time, Owner may elect to hire another contractor to insure timely completion. In doing so, Owner shall deduct documented and reasonable amounts due Contractor to pay another contractor for the timely completion of the project. If the amount to be paid the other contractor is more than the remaining balance of the project, Contractor shall promptly pay Owner the difference. If Contractor fails to pay Owner for the difference, Owner reserves the right to take legal action against Contractor to recover the amounts due; and, if found liable, Contractor shall be responsible for all legal expenses, court costs, fees, and losses to Owner.

F. CHANGES IN THE WORK

1. Owner shall have the right to identify to Contractor installation procedures, equipment, and materials that are of better quality and function for use in the project. Contractor shall supply to Owner an evaluation of the procedures, equipment, materials, and any additional time or labor required, including a written analysis, information sheets and shop drawings; along with, any cost additions or deductions, within five (5) days of being notified by Owner of the requested substitutions. Owner may then choose to accept the substitutions, and inform Contractor within three (3) days of receiving the analysis by Contractor. Owner will issue a written Change Order for acceptance of the substitutions, including the additional costs or deductions that may be associated. Such an event shall not cause a delay or stoppage in the work; and, Contractor shall have a work schedule in place that allows for other work to be engaged while a decision concerning the substitution is being made. Nothing stated herein shall release the Contractor from responsibility concerning the entire Work for the project.
2. Contractor may identify to Owner installation procedures, equipment, and materials of better quality and function for use in the project; and, submit to Owner a written evaluation, including information sheets and shop drawings, of the proposed changes. Owner shall inform contractor of the acceptance of such changes within three (3) days of receiving the analysis by Contractor. Rejection or acceptance of the changes by Owner shall not cause delays or stoppage of the work by Contractor. Contractor retains the responsibility for completing the project in accordance with the work schedule; and, maintains the responsibility of the entire Work for the project.
3. If the Contractor makes unapproved substitutions or changes in the work, Contractor shall be responsible for correcting such deficiency immediately, without additional cost to Owner; regardless, when the deficiency is identified to Contractor. However, changes in any code or regulation subsequent to when the work was performed shall not be construed to cause a deficiency in the work; as long as the work was completely compliant with all codes and regulations at the time it was performed.
4. Contractor shall immediately notify Owner of any changes, or known future changes, in the codes or regulations that may affect the work; and, submit a written evaluation of how such changes in the codes and regulations will affect the ongoing work. Contractor shall include in the analysis any costs associated with the changes in the project to comply with the changes in the codes and regulations. Owner shall then have five (5) days to provide Contractor with a written acceptance or rejection of the changes to the project. Such an event shall not cause a delay or stoppage in the project, and Contractor retains the responsibility for completing the project in accordance with the work schedule; and, maintains the responsibility of the entire Work for the project.
5. No changes in the work shall be performed by Contractor without a written order, issued by Owner, and signed by both Owner and Contractor. No changes orders shall be issued, or payment provided, for work or equipment already incorporated into the project. There shall be no express or implied acceptance of a change in the project for which a Change Order would have been required.
6. The Owner may order minor changes in the work that is not inconsistent with the intent of the Contract Documents, without changes to the Contract sum or an extension of time; and, is provided to the Contractor by written order prior to the Contractor performing that phase of the work for which the minor changes are ordered.

G. CORRECTION OF WORK

1. Contractor shall promptly correct all deficiencies in the Work, deemed necessary by Owner in accordance with the Contract Documents. Contractor shall be responsible for all costs associated with the correction of the Work that is contracted.
2. Contractor shall only use equipment and materials as specified for their specified and intended purpose. Failure to do so shall constitute a corrective action for which Contractor shall bear all costs for correcting such deficiency; whether during the course of the work, the warranty period, or at any time thereafter.
3. However, if any equipment or materials used by Contractor in the Work, is subsequently found to be defective, inadequate, or misrepresented by the manufacturer for the intended purpose for which it was used, Contractor shall immediately notify the Owner of such an event. Contractor shall then provide Owner with a written summary of the defective item(s), all supporting documentation concerning the defect, identity of the manufacturer and supplier of the item(s), and costs for correcting the deficiency. Contractor shall bear no responsibility for such an event; and, Contractor shall fully cooperate with Owner in Owner's actions to recover costs for corrections from the manufacturer(s) or supplier(s).
4. Owner may choose to accept work which is not in accordance with the Contract Documents, instead of requiring Contractor to correct such work. In this instance, the Contractor shall reduce the Contract Sum by a reasonable amount the Owner would have paid another Contractor to correct such work.
5. If Contractor fails to correct or begin the correction of any defect in the work within three (3) days, after receiving notice from Owner, Owner shall provide Contractor a second written notice, to which the Contractor shall provide a written schedule concerning the corrective action; and, either correct or begin correction of the defect within five (5) days. If Contractor fails to respond or begin the correction, Owner shall have the right to employ another Contractor to correct the defect; and, deduct the reasonable costs for correcting the defect from the Contract Sum. Such an event shall not affect the work schedule or the Contractor's responsibility for the entire Work.

H. OTHER PROVISIONS

1. Contractor shall not assign, transfer, or sell any portion of the Contract for the Work, without limitation, without the expressed written consent of Owner; and, Owner shall have final approval of anyone or entity Contractor involves in the project.
2. Owner may sell, transfer, or assign the Contract at any time, without restrictions, its rights in the Contract for purposes of providing its security for construction and permanent loans. The purchaser shall then become bound to perform all or some of the obligations of the Owner in connection with the Contract Documents; and, the Owner shall be automatically relieved of its obligations in regard to the Contract Documents.

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3. Notices shall be deemed served when delivered in writing by telecopy, e-mail with confirmation, certified mail with return receipt, or in person with a signed delivery receipt or signed letter of transmittal. All costs for delivery of such notices shall be the responsibility of the sending party. Notices to Owner shall be delivered to:

Mr. Humberto Garza
C/o Laredo International Airport
5210 Bob Bullock Loop
Laredo, Texas 78401

Facsimile No. (956) 725-2572
E-Mail: hgarza@ci.laredo.tx.us

4. The Owner may suspend, delay, or interrupt the work, without cause, by written order to Contractor, for a period of time as determined by Owner. If such an event occurs for more than ten (10) days, Contractor shall submit a written request for Change Order for a mutually agreed amount to recover startup costs or equipment rental extensions. No adjustments shall be provided of the suspension, delay, or interrupt is less than the ten (10) days stated herein; or, if another cause would have caused such an event.
5. Contractor shall be liable for any amounts due Owner, and are to be paid within thirty (30) days when notified by Owner the amounts are due. After thirty (30) days, the amounts due Owner shall accrue interest, calculated at a rate agreed to by both parties in the Contract Documents; and, Contractor shall then be liable for all amounts due Owner, together with any interest due. Interest shall continue to accrue on the unpaid balance due Owner, until all amounts are paid.
6. Interruption of the Contractor's work for more than thirty (30) days, due to emergencies, natural disasters, or an act of any governmental agency, through no fault of Contractor, shall provide Contractor with the option of terminating the Contract upon seven (7) days written notice to Owner. Contractor may then recover payment for all Work performed to the date of interruption, and any proven loss, including reasonable profit and damages.
7. If the Contractor enters bankruptcy and a receiver is appointed on account of his insolvency, or makes a general assignment of the Contract Sum for his creditors, Owner may terminate the Contract by providing seven (7) days written notice to Contractor. Owner may then take possession of all equipment, materials, and work delivered for the project; and, employ another contractor to complete the project. If any amounts are due Contractor at the time of such an event, no payment shall be made to Contractor until the Work is completed. Contractor shall pay to Owner any amounts due that exceed the costs required for completing the Work.

SECTION 2 - ACCESS AND ENTRY CONTROL SYSTEMS

2.01 GENERAL SUMMARY

- A. This portion of the Project consists of additions and upgrades to the existing access control system, including access controlled doors and access controlled gates, that will integrate together with the camera and video recording system.
- B. Any portion or all of this section may be excluded from the final Contract, as decided by the Owner.
- C. Vendors may propose a different system; however, all other access control equipment in the facility must be replaced, without additional cost to Owner, to provide a common system throughout the facility.

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Provide a complete turnkey system including all hardware, software, programming, training, permits, and contracted services from other trades for patching, cutting, refinishing, and connections to other systems, including electrical power service.

Contractor shall provide verification for each manufacturer for all integral components of the system that the products provided from that manufacturer are of good quality and clearly state the length of service expected for the component. This information may be provided as a letter from the manufacturer, current business data regarding the manufacturer as they appear in the records of a business reporting agency, or as a shareholder report as filed with the SEC.

The remote locations of the system require communication to the main airport terminal building using a secured wireless Ethernet transmission system that can support the operation of the access control and video systems described herein. The system must also be capable of incorporating other or additional access control or video equipment should the Owner decide to add to this current project or in the future. This system shall be installed in a manner to provide redundant wireless paths of communications using differing frequencies for the remote sites to the main airport building for all remote sites within and at the perimeter of the airport. All remote site locations shall have reserve power equipment installed for operation of the system for a minimum of 6 hours upon primary power loss. When the primary power is lost, notification shall be immediately transmitted to the main airport terminal building for a power loss event to be displayed on the access control system; and, by any other secondary monitoring device installed with the equipment. Locally, at each remote site, a yellow strobe light shall be activated upon primary power loss to any of the power supplies used to operate the equipment at the remote site. The approved types of wireless Ethernet transmission systems are the Cisco MESH or the Motorola CANOPY systems; and, are the standards to which other systems may be considered. Other systems submitted for consideration require documentation of the technology used, diagrams of the installation configuration, references for similar projects installed, manufacturer's warranty, background information as to the length of time the manufacturer has been in business with a long term business projection that is signed by an authorized manufacturer's representative that is an officer or manager of the manufacturer.

2.02 INSTALLATION STANDARDS AND PRACTICES

All equipment and materials used for the work shall be compliant with all codes and standards applicable at the time the work is performed; including but not limited to the use of galvanized or stainless steel hardware for outdoor mounting of devices, outdoor rated cabling for all outdoor applications, plenum rated cabling for all indoor applications, back boxes with cable retainers for mounting of all devices where applicable, metal wall anchors or toggle bolts as applicable for the device being mounted (no plastic anchors), and the use of conduit for cabling in rooms and areas where the cabling would be exposed.

All cabling shall be bundled and fastened to the building structure every 4 to 5 feet. When installed in enclosures or cabinets, cabling shall be installed with proper wire management devices to provide a neat and orderly arrangement of the cables.

All access control or security system related cabling installed, or existing cabling that is routed, shall be labeled at each terminating ends with the name or description of the device to which it is connected; including, controller and device number as referenced and programmed into the software. Also, the cabling shall have a purple tracer, band, or bundled with a purple cable ties every 4 to 5 feet.

All aerial cabling shall have an incorporated messenger cable; including messenger clamps, dead ends, and other cable support items so as not to damage the conductors connecting the video signals and power for the cameras. Contractor may use burial cable and install the cabling underground to the camera video equipment at each location. Burial cable shall be installed in a minimum 1 ½ inch galvanized conduit with proper rigid outdoor fittings. The conduit is to be installed in the ground a minimum of 18 inches within 4 inches of concrete below, above, and to each side of the conduit. Backfilling and surface restoration shall return the

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area to its original condition. All cabling shall be enclosed in galvanized conduit with proper fittings, when installed within 12 feet of the ground level.

Access control cabling connections shall follow the color coding listed herein for new installations and additions. If any existing cabling is re-routed or disconnected, then the enclosed coding shall be followed when reconnected; including the required changes at the device terminations. Color coding is applied to each controller and / or set of controllers installed at a location. All shields shall be connected through junctions, and terminated at each end as required by manufacturer.

<u>Readers</u>	<u>Locks & Devices</u>	<u>Auxiliary Inputs & Outputs</u>
Red – (+) Power	Red – (+) Lock Power	Red / Black–1st Input / Output
Black – (-) Power	Black – (-) Lock Power	Green / White–2nd Input / Output
Green – Data 0	Green – Door Switch	Blue / Brown–3rd Input / Output
White – Data 1	White – Door Switch	Orange / Yellow–4th Input / Output
Blue – Green LED	Blue – Request To Exit	Purple / Gray–5th Input / Output
Brown – Red LED	Brown – Request To Exit	*repeat color coding as needed
	Orange – (+) Aux. Device Power	
	Yellow – (-) Aux. Device Power	

All wire to wire connections shall be performed using approved connectors and couplers for the particular type of cable, contained within junction boxes with cable retaining fittings, or insulated screw terminals mounted into junction boxes with cable retaining fittings. Locations where junction boxes cannot be located due to lack of space, every effort should be made to install a small junction box for the cabling connections with cable retaining fittings; and, wire to wire connections shall be performed by twisting the exposed ends of the wires and using a silicone filled insulated crimp type connectors that minimize the exposure of the connection.

All junction boxes for the cabling connections shall be fitted with a proper cover that is clearly and neatly stenciled with paint or a marker, purple in color, indicating the controller number(s) for the cable connections contained within the junction.

All cabling entering the rooms to the controller cabinets where the cabling would be exposed shall be placed in conduit of the appropriate size and type as needed to accommodate the number of cables, with at least 25% additional space in the conduit for future expansion of the system. Conduits shall connect to the controller cabinets with proper fittings and offsets of the conduit, anchored to the wall every 18 inches with approved type straps or clamps. The conduit straps or clamps shall be anchored with metal fasteners, no plastic anchors. Conduit penetrations shall be properly sealed for standards regarding fire penetrations. These conduits shall have a purple tracer or band every 4 to 5 feet.

All cabling entering the exterior enclosures shall be placed in conduit of the appropriate size and type as needed to accommodate the number of cables, with at least 25% additional space in the conduit for future expansion of the system. Conduits shall connect to the enclosures with proper fittings and offsets of the conduit, anchored every 18 inches as applicable using approved type straps or clamps and unistrut. The conduit straps or clamps shall be anchored with metal fasteners, no plastic anchors. Conduit penetrations shall be properly sealed for standards regarding water tight and / or fire penetrations. These conduits shall have a purple tracer or band every 4 to 5 feet.

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All controller cabinets shall be fitted with a proper cover that has an engraved placard riveted to the outside of the cover, purple in color with white engraved letters and number, indicating the controller number(s) contained within the cabinet. The cabinet cover shall be fitted with a keyed lock and tamper switch. The tamper switch shall be connected to an input of the access control equipment, and programmed for event reporting of the cabinet having been opened.

Provide power supplies of the size and voltage required to properly operate the door controllers and electric lock mechanisms. The power supplies should be separate, one for the controller and one for the electric locks. Power supplies should have a direct connection of the 120 VAC electrical service, no plug-in power supplies will be accepted.

An on / off switch shall be incorporated on the power supply for local servicing of the system. Each device connected to the power supply shall be connected to an individually fused power connection. Multiple devices connected to a single power supply shall include a fused power distribution module mounted into the power supply cabinet, so that each powered device may be individually fused. This power distribution module may have an incorporated on/off switch in lieu of having an on/off switch incorporated on the power supply module itself. Power supply cabinets shall have conduit with proper fittings enclosing the cabling entering the power supply cabinets.

All power supply cabinets shall be fitted with a keyed lock and tamper switch. The tamper switch shall be connected to an input of the access control equipment, and programmed for event reporting of the cabinet having been opened.

All power connections for the equipment installed at the remote locations shall be monitored as individual input points for A.C. power, battery power, etc. on the access control system for an event record of the trouble conditions that may occur as a result of power problems. Power monitoring connections for the power supplies shall activate an auxiliary power monitoring indicator on the dispatch console, clearly labeled and separate from any other power monitoring indicator for any other equipment. This power monitoring indicator shall consist of a visual indicator such as a light or LED, accompanied by a silence-able sounder. Silencing of the sounder shall not affect the visual indicator. When power is restored, the visual indicator shall automatically turn off, and the sounder shall activate until the silence switch is restored to its normal condition.

Where required, provide a wireless Ethernet transmission for the access control equipment location. The communications path for the wireless system shall be transmitted from each remote location to the main terminal building of the facility in such a manner as to minimize interruption of the signal by 1) fog, rain, or other acts of Nature; 2) other events such as heavy smoke, chemicals, or chemical vapors; 3) physical interference from buildings, fencing, construction equipment, or large aircraft. Installation locations or relocation of equipment shall provide a reliable operation, subject to airport regulations and approval by Owner. Also, rechargeable reserve batteries or uninterruptible power supplies shall be installed for each location to maintain the operation of the wireless Ethernet transmission system equipment. The type and capacity of the wireless network shall provide for future expansion of the access control system equipment; and, have the capacity to support additional access control equipment the Owner requires for other remote locations. Each component for the wireless network shall be supervised through the access control system as an input point if available monitoring points are provided with the equipment.

2.03 EXISTING SYSTEM

A. ACCESS CONTROL SYSTEM

1. The existing access control system is the Simplex NT3400/WIN3295 system.

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2. The server computer is currently located in a console furniture cabinet in the Airport Police Dispatch Area.
3. The door controllers are currently communicating with the server computer using a dedicated RS232 connection that is converted to an RS485 connection and distributed to the door controllers around the facility.
4. Any additions to this system shall require using the 32 bit controllers that are capable of network communications over a wired or wireless Ethernet transmission system. Contractor shall include all required network cabling, equipment, and labor for communicating the additional controllers to the access control server computer in the main terminal building.
5. The Contractor shall be responsible for determining all cabling lengths and connections to insure an operational system. Contractor shall also be responsible for the upgrading of the firmware for any older 16 bit controllers that may be found during the course of the project. Any 16 bit controllers found to not be working, and requires replacement, shall be replaced with the 32 bit network communication type units; along with, the required network cabling and equipment. The replacement of any older controllers shall be approved by the Owner under separate bid and are not to be added to this proposal. Owner wishes to incorporate the existing 16 bit controllers into the new system.

2.04 SCOPE OF WORK

A. ACCESS CONTROL SYSTEM

Provide an access control software package fully compatible to operate the existing door controllers. The access control software package shall be delivered ready and able to program and control an unlimited number of doors, readers, door controllers, card holders, access levels, time zones, and user configurable data fields for the card holder records. Each card holder record shall be capable of programming up to 99 access levels per card holder. Also, the software shall be delivered with the ability to e-mail, page, or text notifications programmed as event responses.

Provide software and licensing for 3 workstations. Workstation software and licensing shall be per seat. Load the workstation software on workstation computers designated by Owner, up to 7 workstations (only 3 workstations can be operated simultaneously). Insure the workstations can properly communicate with the server computer and display all functions of the program. Create 5 operator profiles as designated by Owner for viewing, control, and programming of the access control system based upon each operator profile. Verify and test the operation of each profile at all of the workstations and server computers on which the access control program is loaded.

Provide software and licensing for creating and printing badges through the system. Badge creation shall have the ability to automatically upon operator selection place the individual's picture, first and last name, bar codes, objects, colors, borders, and any other information programmed into the access control software that can be selected to be included on the printable access card. Only a single badging license is currently needed if the badging can be performed from any of the workstation or server computers. The software must have the ability to add additional badging licenses if the Owner requires multiple simultaneous badging locations.

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Provide software, licensing, and all items for a graphical user interface that consists of maps and drawings of the facility, entry locations, and detailed building layouts. Each device of the access control system shall be represented by icons that can be controlled directly from the graphical user interface. Also, supervisory reporting for each device shall be programmed for each device icon to indicate a fault condition. This graphical user interface must be expandable to also indicate cameras and intercoms; also, with individual icons for control and fault reporting.

Provide software, licensing, and all items for a secured visitor management system with a driver license / passport scanner, picture capture and USB connected camera, thermal paper badge printer, 500 self expiring paper badges, and bar code scanner. The paper badge shall be printed with the visitor's first and last name, company represented, visitor's picture, name of the Owner's representative they are visiting, and a bar code. The bar code on the paper badge can be scanned for tracking of the visitor as they enter and leave the facility. Reporting aspects of the secured visitor management system shall provide a report of those visitors expected to arrive by having been pre-registered through a network based pre-registration, and those visitors who may still be in the facility. Visitors who have not had their badges scanned by the bar code reader for departure can be manually checked-out of the system.

Provide software, licensing, and all items for a secured delivery management system. This system shall provide for a network based pre-registration of expected deliveries, indicating vendors, order numbers, tracking numbers, and delivery services.

Program all exiting access control information of the current system, into the new access control software. Device programming shall include programming of device groups for ease of use during operator actions. Each device programmed shall also include the device name for its location, followed by its corresponding controller references by assigned controller numbers; along with, the device numbers. Programming shall be audited by at least 2 other persons, and Contractor shall provide written documentation that the programming and audits are complete with signatures from all persons involved for each part that the person performed.

Provide a rack mounted server computer compatible with the new access control software package. The CPU shall have full capabilities to operate the access control system without delay even during peak times when a large amount of events occur. The server computer must have the minimum hardware specification to include an Intel QUAD Core processor, a RAID 5 controller with 300GB internal hard drive, internal DVD-RW drive, 8GB RAM memory; and, a Microsoft Windows 2003 Server Operation System, Service Pack 3 with a Standard Version of Microsoft SQL Server. The server must also be provided with a rack mounted slide out keyboard having an integrated mouse or track ball and a folding color flat panel monitor.

Provide 1 workstation computer having a minimum hardware specification to include a 3.0 GHz processor, 4GB RAM memory, a two partitioned 160GB internal hard drive, a DVD-RW drive, keyboard, mouse, and 20 inch color flat panel rack or console mounted monitor. The workstation computer shall be delivered with Microsoft Windows XP Professional loaded onto the primary partition of the hard drive. The applications shall then be loaded onto the 2nd partition of the hard drive.

Provide any required firmware for the existing door controllers to be compatible with the new access control software.

Provide a large 40 or 42 inch color flat panel narrow bezel monitor with wall or ceiling mount bracket, having a minimum of 3 HDMI, 1 RGB, 1 VGA, and 1 Coaxial inputs with at least 1080p resolution. Include the required HDMI extenders and converters for connection to the server or workstation computer specified elsewhere in this proposal. This monitor is intended to display the access control system software simultaneously with the local monitors provided with either the workstation or server computers specified herein.

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Provide a rolling 25U computer cabinet with all doors, panels, mounting rails, mounting brackets, shelves, and locks; and, install the server computer and its accessories. All doors and removable panels for this computer cabinet shall be fitted with a tamper switch that is connected to an input point of the access control system, and programmed for an event transaction if the doors or panels are opened or removed.

Provide the required number of rack mount uninterruptible power supplies to operate the access control server, the additional workstation computer specified herein, and any network switches, routers, or other computer components necessary for the operation of the access control computers, monitors, and software for a minimum 3 hour period. Power monitoring connections for the uninterruptible power supplies shall be connected to an input point on the access control system for event logging of the power loss; and, shall activate an auxiliary power monitoring indicator on the dispatch console, clearly labeled and separate from any other power monitoring indicator for any other equipment. This power monitoring indicator shall consist of a visual indicator such as a light or LED, accompanied by a silence-able sounder. Silencing of the sounder shall not affect the visual indicator. When power is restored, the visual indicator shall automatically turn off, and the sounder shall activate until the silence switch is restored to its normal condition.

Provide all necessary network switches, routers, cables, or other items to connect the workstation, server, and monitors for the access control system. Network communications shall be enterprise class with gigabit capabilities.

Provide 1 low profile 72 inch dispatch console with a minimum rack mount spaces for three 20 inch color flat panel monitors, and additional rack spaces for the new workstation computers and Owner's existing data and dispatch equipment. The console shall have keyed locking panels; and, be of a dark color such as black or dark graphite with maple or light gray workspace counter shelf. One or more uninterruptible power supplies and / or network switches shall be mounted in this console to meet the requirements of the systems operated from this console.

B. ACCESS CONTROL SYSTEM ADDITIONS AND UPGRADES

Provide replacement or upgrade equipment for 3 existing vehicle entry gate locations to include local door controllers, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible access control operation of the vehicle entry gates.

Provide the necessary equipment for each vehicle gate location to operate with the cards and readers when communication with the access control server at the main terminal building is lost.

Provide wireless Weigand receivers installed at each vehicle entry gate location on the west side of the facility; and, 25 dual button Weigand transmitters shall be supplied to the Owner. These transmitters shall be configured for one button to enter the vehicle gate, and the second button to exit the vehicle gate. The transmitters shall send a unique Weigand code to the receiver, which shall be programmed into the access control system as a normal access card would be added to the system.

Provide all equipment, materials, and labor to relocate the existing door controllers in the terminal building to nearby equipment or storage rooms, as designated by the Owner.

Controller cabinets relocated to the electrical or storage rooms shall be placed in locations as designated by the Owner.

Provide replacement or additional power supplies as required, and in accordance with the standards indicated herein.

Extend and / or replace cabling to the controller and power supply cabinets as required, and in accordance with the standards indicated herein.

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Provide all equipment, materials, wiring, and labor as a per unit format to replace the existing card and combination card / keypad readers at the main terminal building with contactless Smart Card readers that have an integrated keypad. The contactless Smart Card readers shall be capable of reading both the 125KHz and 13.56MHz technologies.

Provide 1,000 direct printable contactless proximity Smart Cards compatible with the contactless Smart Card readers, having a 16KB encodable memory. Also provide 2 read / write programming contactless Smart Card units with the necessary software, power supplies, and connections.

Provide the required equipment, materials, wiring, and labor for the access control of the Administrative Office door, Dispatch Room door, and the Property Room door. This installation shall use electrified lever style locksets with incorporated exit monitor switches, electric power transfer hinges or mortised electric power transfer devices (no door cords), recessed ¾ inch door status position switches, and contactless multi technology 125KHz and 13.56MHz Smart Card readers with an integrated keypad.

Provide the required equipment, materials, wiring, and labor for the access control of the Elevator 2 at the airport terminal building gate 1; and, Elevator 3 at the airport terminal gates 3 and 4. This installation shall insure that the controllers are dedicated for each elevator, so that use of an access card for another location, door, or elevator does not cause the inadvertent unauthorized enabling of the elevator. The readers installed in these elevators shall be the contactless multi technology 125KHz and 13.56MHz Smart Card readers with an integrated keypad.

Provide the required equipment, materials, wiring, and labor for the access control of the Jet Way doors at the aircraft end of the Jet Ways. This installation shall use electrified lever style locksets, electric power transfer hinges or mortised electric power transfer devices (no door cords), recessed ¾ inch door status position switches, and contactless multi technology 125KHz and 13.56MHz Smart Card readers with an integrated keypad. The electrified lever style locksets shall be locked on both sides of the door, with a class room style lockset for key override if needed. When the key is turned, the lockset is mechanically unlocked until the key is re-inserted and turned to relock. Card readers shall be installed for both entry and exit through these doors. All cabling shall be of flexible weather resistant, oil resistant type; and will need to be installed from the building and attached with the other cabling under the Jet Ways. The installation method shall include a neat arrangement along with the other cabling for the Jet Way to insure the Jet Way can be extended to an aircraft. Cable attachments shall be performed using purple cable ties and fastened to the structure every 2 to 3 feet. Controllers for these additional doors shall be located within a secured equipment or storage room within the main terminal building as designated by the Owner.

SECTION 3– CAMERA VIDEO RECORDING SYSTEMS

3.01 GENERAL SUMMARY

- A. This portion of the Project consists of replacement of the existing camera recording systems, including software, servers, connection of the existing camera equipment to the new system, training, and the first year's maintenance.
- B. Any portion or all of this section may be excluded from the final Contract, as decided by the Owner.

Provide a complete turnkey system including all hardware, software, programming, training, permits, and contracted services from other trades for patching, cutting, refinishing, and connections to other systems, including electrical service.

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Contractor shall provide verification for each manufacturer for all integral components of the system that the products provided from that manufacturer are of good quality and clearly state the length of service expected for the component. This information may be provided as a letter from the manufacturer, current business data regarding the manufacturer as they appear in the records of a business reporting agency, or as a shareholder report as filed with the SEC.

The remote locations of the system require communication to the main airport terminal building using a secured wireless Ethernet transmission system that can support the operation of the access control and video systems described herein. The system must also be capable of incorporating other or additional access control or video equipment should the Owner decide to add to this current project or in the future. This system shall be installed in a manner to provide redundant wireless paths of communications using differing frequencies for the remote sites to the main airport building for all remote sites within and at the perimeter of the airport. All remote site locations shall have reserve power equipment installed for operation of the system for a minimum of 6 hours upon primary power loss. When the primary power is lost, notification shall be immediately transmitted to the main airport terminal building for a power loss event to be displayed on the access control system; and, by any other secondary monitoring device installed with the equipment. Locally, at each remote site, a yellow strobe light shall be activated upon primary power loss to any of the power supplies used to operate the equipment at the remote site. The approved types of wireless Ethernet transmission systems are the Cisco MESH or the Motorola CANOPY systems; and, are the standards to which other systems may be considered. Other systems submitted for consideration require documentation of the technology used, diagrams of the installation configuration, references for similar projects installed, manufacturer's warranty, background information as to the length of time the manufacturer has been in business with a long term business projection that is signed by an authorized manufacturer's representative that is an officer or manager of the manufacturer.

B. INSTALLATION STANDARDS AND PRACTICES

All equipment and materials used for the work shall be compliant with all codes and standards applicable at the time the work is performed; including but not limited to the use of galvanized or stainless steel hardware for outdoor mounting of devices, outdoor rated cabling for all outdoor applications, plenum rated cabling for all indoor applications, back boxes with cable retainers for mounting of all devices where applicable, metal wall anchors or toggle bolts as applicable for the device being mounted (no plastic anchors), and the use of conduit for cabling in rooms and areas where the cabling would be exposed.

All cabling shall be bundled and fastened to the building structure every 4 to 5 feet. When installed in enclosures or cabinets, cabling shall be installed with proper wire management devices to provide a neat and orderly arrangement of the cables.

All camera video system related cabling installed, or existing cabling that is routed, shall be labeled at each terminating ends with the name or description of the device to which it is connected; including, the camera number as referenced and programmed into the software. Also, the cabling shall have a blue tracer, band, or bundled with a blue cable ties every 4 to 5 feet.

All aerial cabling shall have an incorporated messenger cable; including messenger clamps, dead ends, and other cable support items so as not to damage the conductors connecting the video signals and power for the cameras. Contractor may use burial cable and install the cabling underground to the camera video equipment at each location. Burial cable shall be installed in a minimum 1 ½ inch galvanized conduit with proper rigid outdoor fittings. The conduit is to be installed in the ground a minimum of 18 inches within 4 inches of concrete below, above, and to each side of the conduit. Backfilling and surface restoration shall return the area to its original condition. All cabling shall be enclosed in galvanized conduit with proper fittings, when installed within 12 feet of the ground level.

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Camera video cabling shall be black in color, including plenum and outdoor CAT 6e cabling. Any auxiliary camera power or control cabling shall also be black in color. Any analog additions to the system shall use CAT 6e cabling with twisted pair transceivers. Connections for any analog additions to the camera video system shall follow the color coding listed herein. If any existing cabling is re-routed or disconnected, except for coaxial connections, then the enclosed coding shall be followed when reconnected; including the required changes at the device terminations. Color coding is applied to each analog camera video device installed at a location. All shields shall be connected through junctions, and terminated at each end as required by manufacturer.

CAT 6e Cable Analog Connections

White / Blue	–	(+) Video Signal
Blue / White	–	(-) Video Signal
White / Orange	–	(+) Camera Power
Orange / White	–	(-) Camera Power
White / Green	–	(+) Control Signal
Green / White	–	(-) Control Signal
White / Brown	–	(+) Auxiliary Power or Data 1
Brown / White	–	(-) Auxiliary Power or Data 0

All wire to wire connections shall be performed using approved connectors and couplers for the particular type of cable, contained within junction boxes with cable retaining fittings, or insulated screw terminals mounted into junction boxes with cable retaining fittings. Locations where junction boxes cannot be located due to lack of space, every effort should be made to install a small junction box for the cabling connections with cable retaining fittings; and, wire to wire connections shall be performed by twisting the exposed ends of the wires and using a silicone filled insulated crimp type connectors that minimize the exposure of the connection.

All junction boxes for the cabling connections shall be fitted with a proper cover that is clearly and neatly stenciled with paint or a marker, blue in color, indicating the camera number(s) for the cable connections contained within the junction.

All cabling entering the rooms to the camera video cabinets where the cabling would be exposed shall be placed in conduit of the appropriate size and type as needed to accommodate the number of cables, with at least 25% additional space in the conduit for future expansion of the system. Conduits shall connect to the controller cabinets with proper fittings and offsets of the conduit, anchored to the wall every 18 inches with approved type straps or clamps. The conduit straps or clamps shall be anchored with metal fasteners, no plastic anchors. Conduit penetrations shall be properly sealed for standards regarding fire penetrations. These conduits shall have a blue tracer or band every 4 to 5 feet.

All cabling entering the exterior enclosures shall be placed in conduit of the appropriate size and type as needed to accommodate the number of cables, with at least 25% additional space in the conduit for future expansion of the system. Conduits shall connect to the enclosures with proper fittings and offsets of the conduit, anchored every 18 inches as applicable using approved type straps or clamps and unistrut. The conduit straps or clamps shall be anchored with metal fasteners, no plastic anchors. Conduit penetrations shall be properly sealed for standards regarding water tight and / or fire penetrations. These conduits shall have a blue tracer or band every 4 to 5 feet.

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All camera video cabinets shall be fitted with a proper cover that has an engraved placard riveted to the outside of the cover, blue in color with white engraved letters and number, indicating the camera number(s) contained within the cabinet. The cabinet cover shall be fitted with a keyed lock and tamper switch. The tamper switch shall be connected to an input of the access control equipment, and programmed for event reporting of the cabinet having been opened.

Provide power supplies of the size and voltage required to properly operate the camera video equipment. The power supplies should be separate from power supplies operating any other auxiliary camera video device as applicable. Power supplies should have a direct connection of the 120 VAC electrical service, no plug-in power supplies will be accepted.

An on / off switch shall be incorporated on the power supply for local servicing of the system. Each device connected to the power supply shall be connected to an individually fused power connection. Multiple devices connected to a single power supply shall include a fused power distribution module mounted into the power supply cabinet, so that each powered device may be individually fused. This power distribution module may have an incorporated on/off switch in lieu of having an on/off switch incorporated on the power supply module itself. Power supply cabinets shall have conduit with proper fittings enclosing the cabling entering the power supply cabinets.

All power supply cabinets shall be fitted with a keyed lock and tamper switch. The tamper switch shall be connected to an input of the access control equipment, and programmed for event reporting of the cabinet having been opened.

All power connections for the equipment installed at the remote locations shall be monitored as individual input points for A.C. power, battery power, etc. on the access control system for an event record of the trouble conditions that may occur as a result of power problems. Power monitoring connections for the power supplies shall activate an auxiliary power monitoring indicator on the dispatch console, clearly labeled and separate from any other power monitoring indicator for any other equipment. This power monitoring indicator shall consist of a visual indicator such as a light or LED, accompanied by a silence-able sounder. Silencing of the sounder shall not affect the visual indicator. When power is restored, the visual indicator shall automatically turn off, and the sounder shall activate until the silence switch is restored to its normal condition.

Where required, provide a wireless Ethernet transmission for the camera location. The communications path for the wireless system shall be transmitted from each remote location to the main terminal building of the facility in such a manner as to minimize interruption of the signal by 1) fog, rain, or other acts of Nature; 2) other events such as heavy smoke, chemicals, or chemical vapors; 3) physical interference from buildings, fencing, construction equipment, or large aircraft. Installation locations or relocation of equipment shall provide a reliable operation, subject to airport regulations and approval by Owner. Also, rechargeable reserve batteries or uninterruptible power supplies shall be installed for each location to maintain the operation of the wireless Ethernet transmission system equipment. The type and capacity of the wireless network shall provide for future expansion of the camera system; and, have the capacity to support additional cameras the Owner requires for other remote locations. Each component for the wireless network shall be supervised through the access control system as an input point if available monitoring points are provided with the equipment.

3.03 EXISTING SYSTEM

A. CAMERA VIDEO RECORDING SYSTEM

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1. The existing camera video recording system is an analog pc based digital video multiplexer recorders, for connection of 20+ existing fixed and pan / tilt / zoom cameras.
2. The equipment is currently located in the Police Department dispatch room.
3. The system is accessed from other remote workstations for viewing and replay of the camera recordings.
4. The Contractor shall be responsible for determining all cabling lengths and connections insure an operational system.

3.04 SCOPE OF WORK

A. CAMERA VIDEO RECORDING SYSTEM

The Project consists of replacement of the existing camera video recording system; and, connecting the existing cctv cameras devices. This includes connection of the existing fixed cameras, movable cameras, and camera monitoring equipment using network converters and extenders.

Provide a rack mounted network video recorder installed in the rolling computer cabinet specified elsewhere in this proposal, with the required number of 2500 watt rack mounted uninterruptible power supplies to operate the system for a minimum 3 hour period, hot swappable external 5.5TB RAID 5 storage unit or equivalent for 30 day storage of the camera recordings, all necessary encoders and decoders, network switches, routers, controllers, all software and licenses for the recorder and 2 workstations, and capable of recording and displaying 32 cameras in real time simultaneously.

Provide a video recorder management computer with all software required, mouse, keyboard, and monitor for programming and managing the network video recorder.

Provide two 20 inch color flat panel rack mounted monitors to be installed in the dispatch console specified elsewhere in this proposal, with mouse and keyboard control of the camera configurations from the dispatch console for both monitors. The user shall be able to configure the cameras individually for display on each of the monitors in single or multiple configurations that can differ between the monitors.

Provide two 40 or 42 inch flat panel color narrow bezel monitors with wall or ceiling mount bracket, having a minimum of 3 HDMI, 1 RGB, 1 VGA, and 1 Coaxial inputs with at least 1080p resolution. Include the required HDMI extenders and converters for connection to the network video recorder or management workstation computer specified elsewhere in this proposal. The monitors are intended to display the cameras simultaneously with the local monitors provided with either the workstation or server computers specified herein.

Provide a factory employed and trained technician for:

- a) On site for the installation and configuration for the system, with documentation that the system is properly and fully commissioned.
- b) 1 day of end user training, with documentation that the training has been performed and accepted.

B. ALTERNATE MEGA PIXEL CAMERA VIDEO RECORDING SYSTEM

Provide all equipment and software required for a mega pixel camera recording system that accomplishes the design intent of the network video camera recording system described in the previous item A. The system shall be installed in a manner as to fully utilize the advantages and features of the mega pixel recording architecture, and that exceeds the quality of the system previously described for item A for display, zooming, and replay of the camera pictures. This system must be capable of processing 5 and 16 mega pixel cameras, minimum. Also, the system supplied must have compatible encoders and decoders from the same manufacturer for use with any existing analog cameras that may remain and need to be connected with the system. Unit pricing for the encoders and decoders must be included for each applicable section of the cost summary documents.

C. CAMERA VIDEO SYSTEM ADDITIONS AND UPGRADES

1. Provide all cameras, equipment, cabling, labor, and other items required for network IP high speed programmable pan / tilt / zoom cameras at 3 existing vehicle entry gate locations, and 1 control tower location. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP programmable high speed pan / tilt / zoom cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The cameras shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

2. Provide all cameras, equipment, cabling, labor, and other items required for replacing the existing analog cameras with network IP fixed cameras at 3 existing vehicle entry gate locations, and 1 control tower location. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP fixed cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The cameras shall be color day and black & white low light units with a 5mm to 50mm varifocal auto iris lens; along with, an infrared illuminator having a minimum 65 ft. range.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

3. Provide all cameras, equipment, cabling, labor, and other items required for network IP high speed programmable pan / tilt / zoom cameras at off site Beacon Tower. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP programmable high speed pan / tilt / zoom cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The cameras shall be color day and black & white low light units with an 18x

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optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

4. Provide all cameras, equipment, cabling, labor, and other items required for network IP cameras to include 1 fixed and 1 high speed programmable pan / tilt / zoom cameras at the north end of the runways of the facility. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP fixed camera shall be co-located with the network IP programmable high speed pan / tilt / zoom camera; and, shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements; along with, infrared illuminators of the type required to view the north end of the runways and the field approaching the runways within the fixed camera's field of view. The fixed camera shall be color day and black & white low light with a 5mm to 50mm varifocal auto iris lens. The fixed camera shall be programmed to the video recorder to provide activity detection in the field of view. When activity is detected, an indication shall be provided at the dispatch console where the camera is monitored, so the pan / tilt / zoom camera can be used to follow and provide more detail of the event causing the activity detection. The network IP high speed programmable camera shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

5. Provide all cameras, equipment, cabling, labor, and other items required for network IP cameras to include 1 fixed and 1 high speed programmable pan / tilt / zoom cameras at the east area fuel depot. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP fixed camera shall be located to view the activity at the pumps of the east area fuel depot. The network IP programmable high speed pan / tilt / zoom camera shall be installed to view the tank farm area at the east area fuel depot. The cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The fixed camera shall be color day and black & white low light with a 5mm to 50mm varifocal auto iris lens. The fixed camera shall be programmed to the video recorder to provide activity detection in the field of view. When activity is detected, an indication shall be provided at the dispatch console where the camera is monitored, so the pan / tilt / zoom camera can be used to follow and provide more detail of the event causing the activity detection. The network IP high speed programmable camera shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

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6. Provide all cameras, equipment, cabling, labor, and other items required for network IP cameras to include 1 fixed and 1 high speed programmable pan / tilt / zoom cameras at the south area fuel depot. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP fixed camera shall be located to view the activity at the pumps of the south area fuel depot. The network IP programmable high speed pan / tilt / zoom camera shall be installed to view the tank farm area at the south area fuel depot. The cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The fixed camera shall be color day and black & white low light with a 5mm to 50mm varifocal auto iris lens. The fixed camera shall be programmed to the video recorder to provide activity detection in the field of view. When activity is detected, an indication shall be provided at the dispatch console where the camera is monitored, so the pan / tilt / zoom camera can be used to follow and provide more detail of the event causing the activity detection. The network IP high speed programmable camera shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

7. Provide all cameras, equipment, cabling, labor, and other items required for network IP cameras to include 1 fixed and 1 high speed programmable pan / tilt / zoom cameras at the Localizer. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.
- a) The network IP fixed camera shall be located to view the activity at entries to the Localizer building and area. The network IP programmable high speed pan / tilt / zoom camera shall be installed to view the tank farm area at the Localizer. The cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The fixed camera shall be color day and black & white low light with a 5mm to 50mm varifocal auto iris lens. The fixed camera shall be programmed to the video recorder to provide activity detection in the field of view. When activity is detected, an indication shall be provided at the dispatch console where the camera is monitored, so the pan / tilt / zoom camera can be used to follow and provide more detail of the event causing the activity detection. The network IP high speed programmable camera shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.
- b) Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.
8. Provide all equipment, cabling, labor, and other items required for a network IP high speed programmable pan / tilt / zoom cameras at the main terminal parking lot. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

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9. The network IP programmable high speed pan / tilt / zoom camera shall be installed on an existing parking lot light pole as designated by the Owner, to provide the maximum viewing of the parking lot at the main terminal building. The camera shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The network IP high speed programmable camera shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

Provide all equipment, cabling, labor, and other items required in a by unit format for the replacement of the existing analog pan / tilt zoom cameras with network IP high speed programmable pan / tilt / zoom cameras throughout the facility. The camera shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The network IP high speed programmable camera shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability. The installation shall include, network switches, wireless network transmission equipment where applicable, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

Per unit cost for each outdoor location.

Per Unit cost for each indoor location.

10. Provide all equipment, cabling, labor, and other items required in a by unit format for the replacement of the existing analog fixed cameras with network IP fixed cameras throughout the facility. Indoor cameras shall be mini-dome style, recessed where applicable, and shall have a 2.8mm to 12mm varifocal auto iris lens. Outdoor cameras shall be securely mounted in an area and at such height to minimize tampering, and shall have a 5mm to 50mm varifocal auto iris lens. The installation shall include, network switches, wireless network transmission equipment where applicable, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

Per unit cost for each outdoor location.

Per Unit cost for each indoor location.

11. Provide all cameras, equipment, cabling, labor, and other items required for 1 network IP high speed programmable pan / tilt / zoom cameras at the existing vehicle rental parking area to the south of the main airport terminal building. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP programmable high speed pan / tilt / zoom cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The cameras shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours and 180 degree invert capability.

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Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

12. Provide all cameras, equipment, cabling, labor, and other items required for 1 network IP high speed programmable pan / tilt / zoom cameras at the existing long term vehicle parking area location, to the north of the main airport terminal building. The installation shall include, network switches, wireless network transmission equipment, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building.

The network IP programmable high speed pan / tilt / zoom cameras shall be installed with the proper outdoor housings, blowers, heaters, mounts, and sun shields according to factory requirements. The cameras shall be color day and black & white low light units with an 18x optical zoom, 8x digital zoom, up to 400 degrees per sec. 360 degree continuous rotation, 240 programmable presets, 8 programmable tours, and 180 degree invert capability.

Provide mounts for the cameras, wireless network transmission equipment, and other items to be located on existing poles or nearby structures.

Provide all equipment, cabling, labor, and other items required in a for the installation of fixed network IP mini-dome cameras at the terminal end of 4 Jet Ways, to view the activity occurring within the Jet Ways. The cameras should be of such construction and secured mounting to minimize tampering. Contractor shall thoroughly evaluate the cabling path for concealing the cables within the Jet Way. Cabling can be installed along the underneath side of the Jet Way; and, this method requires that the cabling shall be of flexible weather resistant, oil resistant type; and will need to be installed from the building and attached with the other cabling under the Jet Ways. The installation method shall include a neat arrangement along with the other cabling for the Jet Way to insure the Jet Way can be extended to an aircraft. Cable attachments shall be performed using purple cable ties and fastened to the structure every 2 to 3 feet. Owner prefers the cameras to be of a covert type to further reduce tampering, and may consider using an analog camera with a remotely located network encoder. The installation shall include, network switches, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building. The camera power supplies and network equipment shall be located within a secured equipment or storage room within the main terminal building as designated by the Owner.

Provide all equipment, cabling, labor, and other items required for the installation of fixed network IP mini-dome cameras at the aircraft end of 4 Jet Ways, to view the activity occurring within the Jet Ways. The cameras should be of such construction and secured mounting to minimize tampering. Contractor shall thoroughly evaluate the cabling path for concealing the cables within the Jet Way. Cabling can be installed along the underneath side of the Jet Way; and, this method requires that the cabling shall be of flexible weather resistant, oil resistant type; and will need to be installed from the building and attached with the other cabling under the Jet Ways. The installation method shall include a neat arrangement along with the other cabling for the Jet Way to insure the Jet Way can be extended to an aircraft. Cable attachments shall be performed using purple cable ties and fastened to the structure every 2 to 3 feet. Owner prefers the cameras to be of a covert type to further reduce tampering, and may consider using an analog camera with a remotely located network encoder. The installation shall include, network switches, and proper mounts for a reliable and compatible camera video system that is viewed and controlled from the main terminal building. The camera power supplies and network equipment shall be located within a secured equipment or storage room within the main terminal building as designated by the Owner.

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D. ALTERNATE MEGA PIXEL CAMERA VIDEO SYSTEM ADDITIONS AND UPGRADES

1. Provide all cameras, equipment, cabling, labor, and other items required for mega pixel type cameras that accomplishes the design intent of the camera additions and upgrades as described in item C. The equipment shall be installed in a manner as to fully utilize the advantages and features of the mega pixel cameras, and exceed the quality of the equipment previously described for each location described in item C for display, zooming, and replay or the camera pictures.
2. All fixed cameras shall be proposed as 5 mega pixel units, minimum. All pan / tilt / zoom cameras shall be proposed as 16 mega pixel units, minimum. The fixed and pan / tilt zoom cameras proposed in item C, 4. shall both be 16 mega pixel units, minimum.

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SECTION 4 – FACILITY MAP, LICENSING DOCUMENTS, AND COST SUMMARIES

4.01 FACILITY MAP



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4.02 CONTRACTOR RESPONSE DOCUMENTS

A. CONTRACTOR SAMPLE INSURANCE CERTIFICATE

1. Contractor shall submit a current sample certificate of insurance, with the bid response along with this signed page, indicating the amounts of coverage for each type of insurance required and stated in this bid request. Failure to provide this sample certificate, that reflect the amounts of coverage required, shall disqualify Contractor's bid.
2. Upon award of contract, the successful vendor shall provide the certificates of insurance to Owner within 7 days, naming Owner as additional insured with waiver of subrogation.

B. CONTRACTOR LICENSING WITH THE TEXAS PRIVATE SECURITY BUREAU

1. Contractor shall submit a copy of their current license issued by the Texas Private Security Bureau of the Texas Department of Public Safety, along with their written response and this signed page. This license must be maintained throughout the project and warranty period. Owner may choose to verify the Contractor's license status at anytime during the course of the project and warranty period. Failure to provide this license copy may disqualify Contractor's proposal.
2. Prior to final award of the contractor, Owner may elect to verify the Contractor's license status. If Owner finds that the successful bidding Contractor does not have a current active license, Owner may elect to notify Contractor of such findings or award the contract to another bidder. When notified by Owner that Contractor's license is not active, Contractor shall have fifteen (15) days to clear and obtain an active license. The time allowed for Contractor to correct their license shall not affect the project schedule. Contractor must then maintain an active license throughout the term of the contract and warranty period. Failure to maintain an active license shall cause the Contractor to be in default, and Owner may withhold funds from Contractor to pay another Contractor to complete the project.

I, _____, being an authorized representative of _____.

(Print Name)

_____, certify that the enclosed documents as required and
(Company Name)

referenced on this page are true and correct. By, _____, Date_____.

E. CONTRACTOR COMPANY FIRE ALARM REGISTRATION

1. Contractor shall submit a current active copy of its company fire alarm registration with the State of Texas, with the vendor response along with this signed page. Failure to provide a current active fire alarm registration for their company may disqualify Contractor's bid.
2. Prior to final award of the contractor, Owner may elect to verify the Contractor's fire alarm registration status. If Owner finds that the successful bidding Contractor does not have a current active fire alarm registration, Owner may elect to notify Contractor of such findings or award the contract to another bidder. When notified by Owner that Contractor's fire alarm registration is not active, Contractor shall have fifteen (15) days to clear and obtain an active registration. The time allowed for Contractor to correct their registration shall not affect the project schedule. Contractor must then maintain an active registration throughout the term of the contract and warranty period. Failure to maintain an active registration shall cause the Contractor to be in default, and Owner may withhold funds from Contractor to pay another Contractor to complete the project.

F. CONTRACTOR ADDITIONAL DOCUMENTATION

1. Contractor shall submit additional documentation regarding the Contractor's hiring procedures, Contractor's employee policies, employee experience, and a diagram of their management structure for this project. The information shall include all contact information for each employee involved in the project. Failure to provide such information shall result in the disqualification of Contractor's bid. These documents are to be submitted on the Contractor's letterhead and signed by an authorized representative of the Contractor, and are described as follows:
 - a) A brief description provided on the Contractor's letterhead, of the Contractor's hiring procedures beginning with employment applications, drug testing, aptitude testing, etc.
 - b) A description of the Contractor's drug testing or substance abuse policy, policies regarding theft, and results or actions taken if these policies are violated.
 - c) A description of the Contractor's safety program currently in place, and that there are ongoing safety training procedures.
 - d) A description of the Contractor's technical training programs, and that there are ongoing technical training programs.
 - e) A list of the Contractor's employees that will be working at the site, with a brief description of each employee's background, total years experience, and length of employment with the Contractor.
 - f) Contractor shall submit a diagram of the management structure intended for this project showing each employee involved, their titles, contact information as described above, and a color photo. This diagram should clearly indicate each employee's status and their immediate supervisor.

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2. Owner may require Contractor to obtain any other certification or credentials Owner deems necessary for the employees of the Contractor to be admitted to the facility, to perform the project. Contractor shall be responsible for all reasonable costs associated with securing such certification or credentials, with costs not to exceed Two Hundred Fifty and No / 100 Dollars (\$250.00) for each employee requiring such additional certification or credentials.

I, _____, being an authorized representative of _____.
(Print Name)

_____, certify that the enclosed documents as required and
(Company Name)

referenced on this page are true and correct. By, _____, Date _____.

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4.03 ACCESS CONTROL SYSTEM COST SUMMARY

Project: LAREDO INTERNATIONAL AIRPORT

Bidder: _____

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
1	2.04 A. 1	1	Access Control Software Package				
2	2.04 A. 2	3	Access Control Workstation Software Packages, Loaded by Seat Onto 7 Workstations, and Creation of 5 Operator Profiles				
3	2.04 A. 3	1	Access Control Software Badging License, Operable on 3 Workstations				
4	2.04 A. 4	1	Access Control Graphical User Interface Software with Control Icons for Doors, Readers, Inputs, Outputs, Cameras, and Intercoms				
5	2.04 A. 5	1	Secure Visitor Management Software, Scanner, Printer, Bar Code Scanner, and 500 Self-Expiring Paper Badges with Interface to the Access Control Software				
6	2.04 A. 6	1	Secure Delivery Management Software				
7	2.04 A. 7	1	Access Control Software Database Programming with Audits				
8	2.04 A. 8	1	Rack Mounted Access Control Server Computer with Operating System, SQL Server Software, and Rack Mounted Slide Out Monitor, Mouse, and Keyboard				
9	2.04 A. 9	1	Access Control Workstation Computer for Dispatch Console				
10	2.04 A. 10	21	Firmware Upgrades for Existing Door Controllers				
11	2.04 A. 11	1	40 or 42 Inch Color Wall Mounted Flat Panel Display in Dispatch Room				
12	2.04 A. 12	1	25U Rolling Computer Cabinet				
13	2.04 A. 13		Uninterruptible Power Supplies for the Access Control Server, Dispatch Workstation Computer, and Associated Network and Monitor Equipment				

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4.03 ACCESS CONTROL SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
14	2.04 A. 14		Network Switches, Routers, and Video Extenders				
15	2.04 A. 15	1	Low Profile 72 Inch Dispatch Console with Work Shelf				
16	2.04 B. 1 a)	3	Access Control and Network Equipment Upgrade / Replacement for 3 Remote Vehicle Entry Gates				
17	2.04 B. 1 b)	25	Dual Button Wireless Weigand Transmitters with 3 Wireless Weigand Receivers for 3 Remote Vehicle Entry Gates				
18	2.04 B. 2	1	Lot Relocation of Existing Access Control Door Controllers to Designated Equipment or Storage Rooms with Cable Extensions and Wiring Junctions				
19	2.04 B. 3	1	Replacement Smart Card Combination Proximity Card / Keypad Readers for Existing Proximity Card or Proximity Card / Keypad Readers, per Unit Location				
20	2.04 B. 4	1000	Direct Print Multiple Technology Smart Cards				
21	2.04 B. 5	3	Access Control Equipment for Administrative Office Door, Dispatch Room Door, and Property Room Door				
22	2.04 B. 6	2	Access Control Equipment for Elevator 2 and Elevator 3 at the Airport Terminal Building				
23	2.04 B. 7	4	Access Control Equipment for the Doors at the Aircraft End of 4 Jet Ways				
						Materials Total	
						Installation Total	
						Engineering	Included
						Training	Included
						Warranty	Included
						Freight	Included
						Sales Tax	N/A
						Total System Cost	

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4.04 ELECTRICAL POWER SERVICE - ACCESS CONTROL SYSTEM COST SUMMARY

**Project: LAREDO INTERNATIONAL
Bidder: AIRPORT**

Item	RFP Reference	Qty	Description	Electrical Per Unit Materials Cost	Electrical Per Unit Installation Cost	Electrical Extended Materials Total	Electrical Extended Installation Total
1	2.04 A. 1	1	Access Control Software Package				
2	2.04 A. 2	3	Access Control Workstation Software Packages, Loaded by Seat Onto 7 Workstations, and Creation of 5 Operator Profiles				
3	2.04 A. 3	1	Access Control Software Badging License, Operable on 3 Workstations				
4	2.04 A. 4	1	Access Control Graphical User Interface Software with Control Icons for Doors, Readers, Inputs, Outputs, Cameras, and Intercoms				
5	2.04 A. 5	1	Secure Visitor Management Software, Scanner, Printer, Bar Code Scanner, and 500 Self-Expiring Paper Badges with Interface to the Access Control Software				
6	2.04 A. 6	1	Secure Delivery Management Software				
7	2.04 A. 7	1	Access Control Software Database Programming with Audits				
8	2.04 A. 8	1	Rack Mounted Access Control Server Computer with Operating System, SQL Server Software, and Rack Mounted Slide Out Monitor, Mouse, and Keyboard				
9	2.04 A. 9	1	Access Control Workstation Computer for Dispatch Console				
10	2.04 A. 10	21	Firmware Upgrades for Existing Door Controllers				
11	2.04 A. 11	1	40 or 42 Inch Color Wall Mounted Flat Panel Display in Dispatch Room				
12	2.04 A. 12	1	25U Rolling Computer Cabinet				
13	2.04 A. 13		Uninterruptible Power Supplies for the Access Control Server, Dispatch Workstation Computer, and Associated Network and Monitor Equipment				

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**4.04 ELECTRICAL POWER SERVICE – ACCESS CONTROL SYSTEM COST SUMMARY -
(Cont'd)**

Item	RFP Reference	Qty	Description	Electrical Per Unit Materials Cost	Electrical Per Unit Installation Cost	Electrical Extended Materials Total	Electrical Extended Installation Total
14	2.04 A. 14		Network Switches, Routers, and Video Extenders				
15	2.04 A. 15	1	Low Profile 72 Inch Dispatch Console with Work Shelf				
16	2.04 B. 1 a)	3	Access Control and Network Equipment Upgrade / Replacement for 3 Remote Vehicle Entry Gates				
17	2.04 B. 1 b)	25	Dual Button Wireless Weigand Transmitters with 3 Wireless Weigand Receivers for 3 Remote Vehicle Entry Gates				
18	2.04 B. 2	1	Lot Relocation of Existing Access Control Door Controllers to Designated Equipment or Storage Rooms with Cable Extensions and Wiring Junctions				
19	2.04 B. 3	1	Replacement Smart Card Combination Proximity Card / Keypad Readers for Existing Proximity Card or Proximity Card / Keypad Readers, per Unit Location				
20	2.04 B. 4	1000	Direct Print Multiple Technology Smart Cards				
21	2.04 B. 5	3	Access Control Equipment for Administrative Office Door, Dispatch Room Door, and Property Room Door				
22	2.04 B. 6	2	Access Control Equipment for Elevator 2 and Elevator 3 at the Airport Terminal Building				
23	2.04 B. 7	4	Access Control Equipment for the Doors at the Aircraft End of 4 Jet Ways				
Electrical Power Service - Access Control						Materials Total	
						Installation Total	
						Engineering	Included
						Training	Included
						Warranty	Included
						Freight	Included
						Sales Tax	N/A
						Total Power Cost	

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4.05 ELECTRICAL SERVICE POWER REQUIREMENTS - ACCESS CONTROL SYSTEM

Project: LAREDO INTERNATIONAL
Bidder: AIRPORT

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at _____ VAC _____ Amps.
1	2.04 A. 1	1	Access Control Software Package	N/A	N/A	N/A
2	2.04 A. 2	3	Access Control Workstation Software Packages, Loaded by Seat Onto 7 Workstations, and Creation of 5 Operator Profiles			
3	2.04 A. 3	1	Access Control Software Badging License, Operable on 3 Workstations			
4	2.04 A. 4	1	Access Control Graphical User Interface Software with Control Icons for Doors, Readers, Inputs, Outputs, Cameras, and Intercoms			
5	2.04 A. 5	1	Secure Visitor Management Software, Scanner, Printer, Bar Code Scanner, and 500 Self-Expiring Paper Badges with Interface to the Access Control Software			
6	2.04 A. 6	1	Secure Delivery Management Software			
7	2.04 A. 7	1	Access Control Software Database Programming with Audits			
8	2.04 A. 8	1	Rack Mounted Access Control Server Computer with Operating System, SQL Server Software, and Rack Mounted Slide Out Monitor, Mouse, and Keyboard			
9	2.04 A. 9	1	Access Control Workstation Computer for Dispatch Console			
10	2.04 A. 10	21	Firmware Upgrades for Existing Door Controllers			
11	2.04 A. 11	1	40 or 42 Inch Color Wall Mounted Flat Panel Display in Dispatch Room			
12	2.04 A. 12	1	25U Rolling Computer Cabinet			
13	2.04 A. 13		Uninterruptible Power Supplies for the Access Control Server, Dispatch Workstation Computer, and Associated Network and Monitor Equipment			

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**4.05 ELECTRICAL SERVICE POWER REQUIREMENTS – ACCESS CONTROL SYSTEM
(Cont'd)**

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at _____ VAC _____ Amps.
14	2.04 A. 14		Network Switches, Routers, and Video Extenders			
15	2.04 A. 15	1	Low Profile 72 Inch Dispatch Console with Work Shelf			
16	2.04 B. 1 a)	3	Access Control and Network Equipment Upgrade / Replacement for 3 Remote Vehicle Entry Gates			
17	2.04 B. 1 b)	25	Dual Button Wireless Weigand Transmitters with 3 Wireless Weigand Receivers for 3 Remote Vehicle Entry Gates			
18	2.04 B. 2	1	Lot Relocation of Existing Access Control Door Controllers to Designated Equipment or Storage Rooms with Cable Extensions and Wiring Junctions			
19	2.04 B. 3	1	Replacement Smart Card Combination Proximity Card / Keypad Readers for Existing Proximity Card or Proximity Card / Keypad Readers, per Unit Location			
20	2.04 B. 4	1000	Direct Print Multiple Technology Smart Cards			
21	2.04 B. 5	3	Access Control Equipment for Administrative Office Door, Dispatch Room Door, and Property Room Door			
22	2.04 B. 6	2	Access Control Equipment for Elevator 2 and Elevator 3 at the Airport Terminal Building			
23	2.04 B. 7	4	Access Control Equipment for the Doors at the Aircraft End of 4 Jet Ways			
Number of Electrical Circuits at _____ VAC _____ Amps.						
Number of Electrical Circuits at _____ VAC _____ Amps.						
Number of Electrical Circuits at _____ VAC _____ Amps.						

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4.06 CAMERA SYSTEM COST SUMMARY

Project: LAREDO INTERNATIONAL AIRPORT
Bidder:

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
1	3.04 A. 1	1	Rack Mounted Network Video Recorder with Software for 32 Cameras, 2 Workstations, and Storage of Camera Recordings for 30 Days.				
			Include All Network Equipment and Items Required; and, Uninterruptible Power Supplies for All Monitors, Computers, and Network Equipment.				
2	3.04 A. 2	1	Video Recorder Management Computer with Software License, Monitor, Mouse, and Keyboard				
3	3.04 A. 3	2	Rack Mounted Color 20 Inch Flat Panel Monitors for Dispatch Console to Display and Manage the Cameras				
4	3.04 A. 4	2	Color Wall Mounted 40 or 42 Inch Flat Panel Monitors for Display of the Cameras in the Dispatch Room				
5	3.04 A. 5 a)	1	On Site Factory Employed Technician for Installation and Commissioning of the Camera Recording System.				
6	3.04 A. 5 b)	1	Day of End User Training by a Factory Employed Technician or Training Person.				
7	3.04 C. 1	4	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
8	3.04 C. 2	4	Network IP Fixed Cameras with Infrared Illuminators and Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
9	3.04 C. 3	1	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for Remote Beacon Tower				
10	3.04 C. 4	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera with Infrared Illuminator, and All Required Network Equipment for North End of Runways				

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4.06 CAMERA SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
11	3.04 C. 5	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for East Fuel Depot				
12	3.04 C. 6	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for South Fuel Depot				
13	3.04 C. 7	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for the Localizer Facility				
14	3.04 C. 8	1	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for the Main Terminal Parking Lot				
15	3.04 C. 9 a)	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
16	3.04 C. 9 b)	1	Indoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
17	3.04 C. 10 a)	1	Outdoor Network IP Fixed Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
18	3.04 C. 10 b)	1	Indoor Network IP Fixed Mini-Dome Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
19	3.04 C. 11	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Vehicle Rental Parking Lot Located at the South of the Main Terminal Building				

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4.06 CAMERA SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
20	3.04 C. 12	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Long Term Parking Lot Located at the South of the Main Terminal Building				
21	3.04 C. 13	4	Indoor Network IP Fixed Mini-Dome or Covert Style Cameras for the Terminal Building End of 4 Jet ways				
22	3.04 C. 14	4	Indoor Network IP Fixed Mini-Dome or Covert Style Cameras for the Aircraft End of 4 Jet ways				
						Materials Total	
						Installation Total	
						Engineering	Included
						Training	Included
						Warranty	Included
						Freight	Included
						Sales Tax	N/A
						Total System Cost	

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4.07 ELECTRICAL POWER SERVICE - CAMERA SYSTEM COST SUMMARY

Project: LAREDO INTERNATIONAL AIRPORT
Bidder: _____

Item	RFP Reference	Qty	Description	Electrical Per Unit Material Costs	Electrical Per Unit Installation Costs	Electrical Extended Materials Total	Electrical Extended Installation Total
1	3.04 A. 1	1	Rack Mounted Network Video Recorder with Software for 32 Cameras, 2 Workstations, and Storage of Camera Recordings for 30 Days.				
			Include All Network Equipment and Items Required; and, Uninterruptible Power Supplies for All Monitors, Computers, and Network Equipment.				
2	3.04 A. 2	1	Video Recorder Management Computer with Software License, Monitor, Mouse, and Keyboard				
3	3.04 A. 3	2	Rack Mounted Color 20 Inch Flat Panel Monitors for Dispatch Console to Display and Manage the Cameras				
4	3.04 A. 4	2	Color Wall Mounted 40 or 42 Inch Flat Panel Monitors for Display of the Cameras in the Dispatch Room				
5	3.04 A. 5 a)	1	On Site Factory Employed Technician for Installation and Commissioning of the Camera Recording System.				
6	3.04 A. 5 b)	1	Day of End User Training by a Factory Employed Technician or Training Person.				
7	3.04 C. 1	4	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
8	3.04 C. 2	4	Network IP Fixed Cameras with Infrared Illuminators and Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
9	3.04 C. 3	1	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for Remote Beacon Tower				
10	3.04 C. 4	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera with Infrared Illuminator, and All Required Network Equipment for North End of Runways				

**CITY OF LAREDO
PURCHASING DIVISION**

4.07 ELECTRICAL POWER SERVICE – CAMERA SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Electrical Per Unit Material Costs	Electrical Per Unit Installation Costs	Electrical Extended Materials Total	Electrical Extended Installation Total
11	3.04 C. 5	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for East Fuel Depot				
12	3.04 C. 6	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for South Fuel Depot				
13	3.04 C. 7	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for the Localizer Facility				
14	3.04 C. 8	1	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for the Main Terminal Parking Lot				
15	3.04 C. 9 a)	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
16	3.04 C. 9 b)	1	Indoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
17	3.04 C. 10 a)	1	Outdoor Network IP Fixed Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
18	3.04 C. 10 b)	1	Indoor Network IP Fixed Mini-Dome Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
19	3.04 C. 11	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Vehicle Rental Parking Lot Located at the South of the Main Terminal Building				

**CITY OF LAREDO
PURCHASING DIVISION**

4.07 ELECTRICAL POWER SERVICE – CAMERA SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Electrical Per Unit Material Costs	Electrical Per Unit Installation Costs	Electrical Extended Materials Total	Electrical Extended Installation Total
20	3.04 C. 12	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Long Term Parking Lot Located at the South of the Main Terminal Building				
21	3.04 C. 13	4	Indoor Network IP Fixed Mini-Dome or Covert Style Cameras for the Terminal Building End of 4 Jet ways				
22	3.04 C. 14	4	Indoor Network IP Fixed Mini-Dome or Covert Style Cameras for the Aircraft End of 4 Jet ways				
Electrical Power Service - Camera System							
						Materials Total	
						Installation Total	
						Engineering	Included
						Training	Included
						Warranty	Included
						Freight	Included
						Sales Tax	N/A
						Total Power Cost	

**CITY OF LAREDO
PURCHASING DIVISION**

4.08 ELECTRICAL SERVICE POWER REQUIREMENTS - CAMERA SYSTEM

Project: LAREDO INTERNATIONAL
Bidder: AIRPORT

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at VAC _____ Amps.
1	3.04 A. 1	1	Rack Mounted Network Video Recorder with Software for 32 Cameras, 2 Workstations, and Storage of Camera Recordings for 30 Days.			
			Include All Network Equipment and Items Required; and, Uninterruptible Power Supplies for All Monitors, Computers, and Network Equipment.			
2	3.04 A. 2	1	Video Recorder Management Computer with Software License, Monitor, Mouse, and Keyboard			
3	3.04 A. 3	2	Rack Mounted Color 20 Inch Flat Panel Monitors for Dispatch Console to Display and Manage the Cameras			
4	3.04 A. 4	2	Color Wall Mounted 40 or 42 Inch Flat Panel Monitors for Display of the Cameras in the Dispatch Room			
5	3.04 A. 5 a)	1	On Site Factory Employed Technician for Installation and Commissioning of the Camera Recording System.			
6	3.04 A. 5 b)	1	Day of End User Training by a Factory Employed Technician or Training Person.			
7	3.04 C. 1	4	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location			
8	3.04 C. 2	4	Network IP Fixed Cameras with Infrared Illuminators and Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location			
9	3.04 C. 3	1	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for Remote Beacon Tower			

**CITY OF LAREDO
PURCHASING DIVISION**

4.08 ELECTRICAL POWER SERVICE REQUIREMENTS – CAMERA SYSTEM – (Cont'd)

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at _____ VAC _____ Amps.
10	3.04 C. 4	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera with Infrared Illuminator, and All Required Network Equipment for North End of Runways			
11	3.04 C. 5	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for East Fuel Depot			
12	3.04 C. 6	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for South Fuel Depot			
13	3.04 C. 7	1	Network IP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP Fixed Camera, and All Required Network Equipment for the Localizer Facility			
14	3.04 C. 8	1	Network IP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for the Main Terminal Parking Lot			
15	3.04 C. 9 a)	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			
16	3.04 C. 9 b)	1	Indoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			
17	3.04 C. 10 a)	1	Outdoor Network IP Fixed Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			

**CITY OF LAREDO
PURCHASING DIVISION**

4.08 ELECTRICAL SERVICE POWER REQUIREMENTS – CAMERA SYSTEM – (Cont'd)

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at ____ VAC ____ Amps.
18	3.04 C. 10 b)	1	Indoor Network IP Fixed Mini-Dome Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			
19	3.04 C. 11	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Vehicle Rental Parking Lot Located at the South of the Main Terminal Building			
20	3.04 C. 12	1	Outdoor Network IP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Long Term Parking Lot Located at the South of the Main Terminal Building			
21	3.04 C. 13	4	Indoor Network IP Fixed Mini-Dome or Covert Style Cameras for the Terminal Building End of 4 Jet ways			
22	3.04 C. 14	4	Indoor Network IP Fixed Mini-Dome or Covert Style Cameras for the Aircraft End of 4 Jet ways			
Number of Electrical Circuits at ____ VAC ____ Amps. Number of Electrical Circuits at ____ VAC ____ Amps. Number of Electrical Circuits at ____ VAC ____ Amps.						

**CITY OF LAREDO
PURCHASING DIVISION**

4.09 MEGA PIXEL CAMERA SYSTEM COST SUMMARY

Project: LAREDO INTERNATIONAL
Bidder: AIRPORT

Item	RFP Reference	Qty	Description	Per Unit Material s Cost	Per Unit Installatio n Cost	Extended Materials Total	Extended Installatio n Total
1	3.04 B. 1	1	Rack Mounted Network Video Recorder with Software for 32 Cameras, 2 Workstations, and Storage of Camera Recordings for 30 Days.				
			Include All Network Equipment and Items Required; and, Uninterruptible Power Supplies for All Monitors, Computers, and Network Equipment.				
2	3.04 B. 2	1	Video Recorder Management Computer with Software License, Monitor, Mouse, and Keyboard				
3	3.04 B. 3	2	Rack Mounted Color 20 Inch Flat Panel Monitors for Dispatch Console to Display and Manage the Cameras				
4	3.04 B. 4	2	Color Wall Mounted 40 or 42 Inch Flat Panel Monitors for Display of the Cameras in the Dispatch Room				
5	3.04 B. 5 a)	1	On Site Factory Employed Technician for Installation and Commissioning of the Camera Recording System.				
6	3.04 B. 5 b)	1	Day of End User Training by a Factory Employed Technician or Training Person.				
7	3.04 D. 1	4	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
8	3.04 D. 2	4	Network IP 5MP Fixed Cameras with Infrared Illuminators and Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
9	3.04 D. 3	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for Remote Beacon Tower				
10	3.04 D. 4	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera with Infrared Illuminator, and All Required Network Equipment for North End of Runways				
11	3.04 D. 5	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for East Fuel Depot				

**CITY OF LAREDO
PURCHASING DIVISION**

4.09 MEGA PIXEL CAMERA SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
12	3.04 D. 6	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for South Fuel Depot				
13	3.04 D. 7	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for the Localizer Facility				
14	3.04 D. 8	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for the Main Terminal Parking Lot				
15	3.04 D. 9 a)	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
16	3.04 D. 9 b)	1	Indoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
17	3.04 D. 10 a)	1	Outdoor Network IP 5MP Fixed Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
18	3.04 D. 10 b)	1	Indoor Network IP 5MP Fixed Mini-Dome Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
19	3.04 D. 11	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Vehicle Rental Parking Lot Located to the South of the Main Terminal Building.				
20	3.04 D. 12	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Long Term Parking Lot Located to the North of the Main Terminal Building.				

**CITY OF LAREDO
PURCHASING DIVISION**

4.09 MEGA PIXEL CAMERA SYSTEM COST SUMMARY – (Cont'd)

Item	RFP Reference	Qty	Description	Per Unit Materials Cost	Per Unit Installation Cost	Extended Materials Total	Extended Installation Total
21	3.04 D. 13	4	Indoor Network IP 5MP Fixed Mini-Dome or Covert Style Cameras for the Terminal Building End of 4 Jet ways				
22	3.04 D. 12	4	Indoor Network IP 5MP Fixed Mini-Dome or Covert Style Cameras for the Aircraft End of 4 Jet ways				
						Materials Total	
						Installation Total	
						Engineering	Included
						Training	Included
						Warranty	Included
						Freight	Included
						Sales Tax	N/A
Total System Cost							

**CITY OF LAREDO
PURCHASING DIVISION**

4.10 ELECTRICAL POWER SERVICE - MEGA PIXEL CAMERA SYSTEM COST SUMMARY

Project: LAREDO INTERNATIONAL AIRPORT
Bidder:

Item	RFP Reference	Qty	Description	Electrical Per Unit Material Costs	Electrical Per Unit Installation Costs	Electrical Extended Material Costs	Electrical Extended Installation Costs
1	3.04 B. 1	1	Rack Mounted Network Video Recorder with Software for 32 Cameras, 2 Workstations, and Storage of Camera Recordings for 30 Days.				
			Include All Network Equipment and Items Required; and, Uninterruptible Power Supplies for All Monitors, Computers, and Network Equipment.				
2	3.04 B. 2	1	Video Recorder Management Computer with Software License, Monitor, Mouse, and Keyboard				
3	3.04 B. 3	2	Rack Mounted Color 20 Inch Flat Panel Monitors for Dispatch Console to Display and Manage the Cameras				
4	3.04 B. 4	2	Color Wall Mounted 40 or 42 Inch Flat Panel Monitors for Display of the Cameras in the Dispatch Room				
5	3.04 B. 5 a)	1	On Site Factory Employed Technician for Installation and Commissioning of the Camera Recording System.				
6	3.04 B. 5 b)	1	Day of End User Training by a Factory Employed Technician or Training Person.				
7	3.04 D. 1	4	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
8	3.04 D. 2	4	Network IP 5MP Fixed Cameras with Infrared Illuminators and Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location				
9	3.04 D. 3	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for Remote Beacon Tower				

**CITY OF LAREDO
PURCHASING DIVISION**

**4.10 ELECTRICAL POWER SERVICE – MEGA PIXEL CAMERA SYSTEM COST SUMMARY
(Cont'd)**

Item	RFP Reference	Qty	Description	Electrical Per Unit Material Costs	Electrical Per Unit Installation Costs	Electrical Extended Material Costs	Electrical Extended Installation Costs
10	3.04 D. 4	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera with Infrared Illuminator, and All Required Network Equipment for North End of Runways				
11	3.04 D. 5	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for East Fuel Depot				
12	3.04 D. 6	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for South Fuel Depot				
13	3.04 D. 7	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for the Localizer Facility				
14	3.04 D. 8	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for the Main Terminal Parking Lot				
15	3.04 D. 9 a)	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
16	3.04 D. 9 b)	1	Indoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
17	3.04 D. 10 a)	1	Outdoor Network IP 5MP Fixed Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				
18	3.04 D. 10 b)	1	Indoor Network IP 5MP Fixed Mini-Dome Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building				

**CITY OF LAREDO
PURCHASING DIVISION**

4.10 ELECTRICAL POWER SERVICE – MEGA PIXEL CAMERA SYSTEM COST SUMMARY
(Cont'd)

Item	RFP Reference	Qty	Description	Electrical Per Unit Material Costs	Electrical Per Unit Installation Costs	Electrical Extended Material Costs	Electrical Extended Installation Costs
19	3.04 D. 11	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Vehicle Rental Parking Lot Located to the South of the Main Terminal Building.				
20	3.04 D. 12	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Long Term Parking Lot Located to the North of the Main Terminal Building.				
21	3.04 D. 13	4	Indoor Network IP 5MP Fixed Mini-Dome or Covert Style Cameras for the Terminal Building End of 4 Jet ways				
22	3.04 D. 12	4	Indoor Network IP 5MP Fixed Mini-Dome or Covert Style Cameras for the Aircraft End of 4 Jet ways				
Electrical Power Service - Mega Pixel Camera System							
						Materials Total	
						Installation Total	
						Engineering	Included
						Training	Included
						Warranty	Included
						Freight	Included
						Sales Tax	N/A
						Total Power Cost	

**CITY OF LAREDO
PURCHASING DIVISION**

4.11 ELECTRICAL SERVICE POWER REQUIREMENTS - MEGA PIXEL CAMERA SYSTEM

Project: LAREDO INTERNATIONAL
Bidder: AIRPORT

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at _____ VAC _____ Amps.
1	3.04 B. 1	1	Rack Mounted Network Video Recorder with Software for 32 Cameras, 2 Workstations, and Storage of Camera Recordings for 30 Days.			
			Include All Network Equipment and Items Required; and, Uninterruptible Power Supplies for All Monitors, Computers, and Network Equipment.			
2	3.04 B. 2	1	Video Recorder Management Computer with Software License, Monitor, Mouse, and Keyboard			
3	3.04 B. 3	2	Rack Mounted Color 20 Inch Flat Panel Monitors for Dispatch Console to Display and Manage the Cameras			
4	3.04 B. 4	2	Color Wall Mounted 40 or 42 Inch Flat Panel Monitors for Display of the Cameras in the Dispatch Room			
5	3.04 B. 5 a)	1	On Site Factory Employed Technician for Installation and Commissioning of the Camera Recording System.			
6	3.04 B. 5 b)	1	Day of End User Training by a Factory Employed Technician or Training Person.			
7	3.04 D. 1	4	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location			
8	3.04 D. 2	4	Network IP 5MP Fixed Cameras with Infrared Illuminators and Network Equipment for 3 Remote Vehicle Entry Gates, and 1 Control Tower Location			
9	3.04 D. 3	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for Remote Beacon Tower			

**CITY OF LAREDO
PURCHASING DIVISION**

**4.11 ELECTRICAL SERVICE POWER REQUIREMENTS – MEGA PIXEL CAMERA SYSTEM
(Cont'd)**

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at ____ VAC ____ Amps.
10	3.04 D. 4	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera with Infrared Illuminator, and All Required Network Equipment for North End of Runways			
11	3.04 D. 5	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for East Fuel Depot			
12	3.04 D. 6	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for South Fuel Depot			
13	3.04 D. 7	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera and Network IP 5MP Fixed Camera, and All Required Network Equipment for the Localizer Facility			
14	3.04 D. 8	1	Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Cameras with Network Equipment for the Main Terminal Parking Lot			
15	3.04 D. 9 a)	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			
16	3.04 D. 9 b)	1	Indoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			
17	3.04 D. 10 a)	1	Outdoor Network IP 5MP Fixed Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			

**CITY OF LAREDO
PURCHASING DIVISION**

**4.11 ELECTRICAL SERVICE POWER REQUIREMENTS – MEGA PIXEL CAMERA SYSTEM
(Cont'd)**

Item	RFP Reference	Qty	Description	Required A.C. Voltage	Required A.C. Amperage	Total Number of Electrical Circuits Required at ____ VAC ____ Amps.
18	3.04 D. 10 b)	1	Indoor Network IP 5MP Fixed Mini-Dome Cameras, with Network Equipment for Replacement of the Existing Analog Units at the Main Terminal Building			
19	3.04 D. 11	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Vehicle Rental Parking Lot Located to the South of the Main Terminal Building.			
20	3.04 D. 12	1	Outdoor Network IP 16MP Programmable High Speed Pan / Tilt / Zoom Camera with Network Equipment for the Long Term Parking Lot Located to the North of the Main Terminal Building.			
21	3.04 D. 13	4	Indoor Network IP 5MP Fixed Mini-Dome or Covert Style Cameras for the Terminal Building End of 4 Jet ways			
22	3.04 D. 12	4	Indoor Network IP 5MP Fixed Mini-Dome or Covert Style Cameras for the Aircraft End of 4 Jet ways			
Number of Electrical Circuits at ____ VAC ____ Amps.						
Number of Electrical Circuits at ____ VAC ____ Amps.						
Number of Electrical Circuits at ____ VAC ____ Amps.						

**CITY OF LAREDO
PURCHASING DIVISION**

Award of Contract

Submission and award of contract shall be based on the "Terms and Conditions of the Request for Proposals", which is attached and is part of these specifications. This contract will be awarded to the best qualified responsible vendor whose proposed price and other factors have been considered in accordance to the provisions of the State of Texas - Local Government Code.

The Airport Department will evaluate proposals using the criteria herein.

I	Company Qualifications and References	20%
II	System Capabilities and Service Delivery	20%
III	Customer Service Delivery and Support	20%
IV	Financial Proposal	40%

The City's obligation for performance of this proposal is contingent upon the availability of funds from which payments for the contract purchases can be made. If no funds are appropriated and budgeted during the next fiscal year, this proposal becomes null and void.

Vendors Instructions:

Proposals will be received at the City Secretary Office, 1110 Houston St., 3rd. floor, Laredo, Texas 78040 until **5:00 P.M on February 18, 2010; and all bids received will be opened and publicly acknowledged at 3:00 PM at the Office of the City Secretary on February 19, 2010.**

Proposals are to be submitted in a sealed envelope clearly marked:

Proposal: **Access Control & Camera System Upgrades – Airport Department
RFP FY10-031**

Proposals are to be mailed: City of Laredo - City Secretary
 C/O Gustavo Guevara, Jr.
 City Hall - Third Floor
 P. O. Box 579
 Laredo, Texas 78042-0579

Hand Delivered: City of Laredo - City Secretary
 C/O Gustavo Guevara, Jr.
 City Hall - Third Floor
 1110 Houston Street
 Laredo, Texas 78040

Required Submittals:

- 1. Bidder information sheet (Page 3)**
- 2. Conflict of Interest Disclosure**
- 3. Bid Sheet (Pages 41 to 68)**

City of Laredo

Conflict of Interest Disclosure

A form disclosing potential conflicts of interest involving counties, cities, and other local government entities may be required to be filed after January 1, 2006, by vendors or potential vendors to local government entities. The new requirements are set forth in Chapter 176 of the Texas Local Government Code added by H.B. No. 914 of the last Texas Legislature.

Companies and individuals who contract, or seek to contract, with the City of Laredo and its agents may be required to file with the **City Secretary's Office, 1110 Houston Street, Laredo, Texas 78040**, a Conflict of Interest Questionnaire that describes affiliations or business relationships with the City of Laredo officers, or certain family members or business relationships of the City of Laredo officer, with which such persons do business, or any gifts in an amount of \$250.00 or more to the listed City of Laredo officer (s) or certain family members.

The new requirements are in addition to any other disclosures required by law. The dates for filing disclosure statements begin on January 1, 2006. A violation of the filing requirements is a Class C misdemeanor.

The Conflict of Interest Questionnaire (Form CIQ) may be downloaded from http://www.ethics.state.tx.us/whatsnew/conflict_forms.htm.

The City of Laredo officials who come within Chapter 176 of the Local Government Code relating to filing of **Conflicts of Interest Questionnaire (Form CIQ)** include:

1. **Mayor**
2. **Council Members**
3. **City Manager**
4. **Members of the Fire Fighters and Police Officers Civil Service Commission.**
5. **Members of the Planning and Zoning Commission.**
6. **Members of the Board of Adjustments**
7. **Members of the Building Standards Board**
8. **The Board of Commissioners of the Laredo Housing Authority**
9. **The Executive Director of the Laredo Housing Authority**

If additional information is needed please contact Francisco Meza, Purchasing Agent at 956-790-1825

**CITY OF LAREDO
PURCHASING DIVISION**

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor or other person doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the person meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person knowingly violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of person who has a business relationship with local governmental entity.

2 ☐ **Check this box if you are filing an update to a previously filed questionnaire.**

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

3 Name of local government officer with whom filer has employment or business relationship.

Name of Officer

This section (item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, income, other than investment income, from the filer of the questionnaire? ☐ Yes ☐ No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity? ☐ Yes ☐ No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves an officer or director, or holds an ownership of 10 percent or more? ☐ Yes ☐ No

D. Describe each employment or business relationship with the local government officer named in this section.

4 _____
Signature of person doing business with the governmental entity

Date