



**GARLAND INDEPENDENT SCHOOL DISTRICT
PURCHASING DEPARTMENT
501 S. Jupiter
Garland, Texas 75042**

**REQUEST FOR PROPOSAL
ON SECURITY ACCESS CONTROL CCTV EQUIPMENT AND SERVICE,
PROPOSAL # 340-17**

PLEASE SUBMIT PROPOSAL NO LATER THAN 10:30 A.M. LOCAL TIME ON June 6, 2017. Mark your sealed envelope in the lower left hand corner with RFP#, time, and due date, as noted above. (Should the district close for unforeseen reasons (force majeure) on the date the solicitation is due, the above referenced date should be changed to 10:30 A.M. the first date the district is open to conduct business)

You are invited to submit a proposal to provide Security Access Control CCTV Equipment and Service for the Garland Independent School District (GISD) from July 26, 2017 (or date of award) through July 31, 2018 with the District's options to renew annually through July 31, 2020.

This Request for Proposal includes Process Overview, Instructions to Proposer, Award/Evaluation of Proposals, Certifications, Terms and Conditions, Insurance Requirements, Supplier Questionnaire, Compliance Form, Certification for Criminal History Check, Confidential Information Form and Proposal Form/Specifications, as well as acknowledgement of Certification/Lobbying, Disclosure of Lobbying Activity, Certification/Debarment and Clean Air and Water Act. These provisions shall be considered as part of any resulting legal and binding contract/purchase order as if thereto attached or therein repeated.

THIS RFP WILL NOT BE OPENED OR READ PUBLICLY.

Company Name

Address

City

State

Zip

Authorized Representative Name

Title

Signature

Printed Name

Email Address

Telephone #

Fax #

Mark A. Booker

Mark A. Booker
Director of Purchasing

PROCESS OVERVIEW: This section outlines the steps in the procurement process.

Pre-Bid Conference	May 24, 2017 10:00 a.m. Marvin Padgett Building, 701 N. 1 st St., Garland, TX
Deadline for Questions	May 25, 2017 12:00 p.m.
Deadline for Response to Questions/Addendum(s)	May 30, 2017 4:00 p.m.
Proposals Due Date	June 6, 2017 10:30 a.m.

The District Purchasing Department and proposers enter into discussions and revisions of proposal, as necessary. Discussions/negotiations may be conducted with proposers who are deemed to be within the final competitive range; however, GISD reserves the right to award a contract without discussions/negotiations. The competitive range and responsiveness of the proposal submitted will be determined by GISD's Director of Purchasing and the evaluation will include only those initial proposals that the Director determines have a reasonable chance of being awarded a contract. If discussions/negotiations are conducted, proposers will be required to submit a best and final proposal. The best and final proposal may be required as early as 24 hours after completion of negotiations/discussions.

NOTE: Designated GISD Purchasing Department personnel are the only individuals allowed to negotiate contract agreements/terms & conditions and/or pricing before an award is made as well as after an award has been made. Firms hereby agree that any negotiations regarding this Request for Proposal pertaining to agreements/terms & conditions and/or pricing shall be between proposing firm and the Purchasing Department ONLY throughout the term of the contract.

1. INSTRUCTIONS TO PROPOSERS

1.1 Submission of Proposals

- 1.1.1. For clarification of the specification(s) of this Request For Proposal, proposer may contact:

Janet Curtis-Fuller, Buyer at jfuller@garlandisd.net

The individual listed above may be contacted for clarification of specification(s) only. No authority is intended or implied that specification(s) may be amended or alternates accepted prior to opening without written approval of the Garland ISD Director of Purchasing.

- 1.1.2. **All addenda will be issued via the district website at (Current Bid List) www.garlandisd.net/departments/purchasing/currentbids.asp. All addenda, if required, will be posted on the aforementioned website by May 30, 2017 at 4:00 p.m. It is the proposer's responsibility to check this website for addenda postings prior to submitting responses.**
- 1.1.3. Questions pertaining to proposing procedures should be directed to Purchasing Department, Garland ISD. Proposers finding errors, requests for additional information, omissions, or corrections that need to be made in the specifications shall

contact the Purchasing Department in writing by May 25, 2017, 12:00 p.m. You may submit this information via fax to 972-487-3097 or email to jcfuller@garlandisd.net.

1.1.4. NUMBER OF COPIES

PLEASE PROVIDE ONE (1) ORIGINAL AND ONE (1) COPY OF BID RESPONSE! ENSURE THE ORIGINAL AND COPY ARE CLEARLY LABELED.

1.1.5. DELIVERY OF PROPOSAL

Hand-carried proposals or proposals submitted via carrier service are to be delivered to:

Garland ISD Purchasing Department
501 S. Jupiter, Garland, Texas 75042

Proposals submitted via the U. S. Postal Service are to be mailed to:

Garland ISD Purchasing Department
P. O. Box 469026, Garland, Texas 75046-9026

Clearly mark all Proposal envelopes as instructed on the front page. Allow sufficient transit time.

NOTE: Delivery of Proposal envelope to other Departments within the Garland Independent School District is not considered as delivery to the Purchasing Department.

1.1.6. SIGNED ORIGINAL

Once completed and signed, return your Proposal form to the Garland ISD Purchasing Department (as instructed above).

1.1.7. LATE SUBMISSIONS

Proposals received at the GISD Purchasing Department after the time and date specified above will not be considered and will be filed unopened. The Garland ISD shall not be held liable for late proposals.

1.1.8. OTHER FORMS OF SUBMISSION

Oral or telegraphic proposals transmitted via the District's facsimile machine are not acceptable. **DO NOT FAX OR EMAIL YOUR PROPOSALS. Only forms provided by the Garland ISD Purchasing Department may be submitted with this proposal unless written instructions permit additional pages.**

1.1.9. AUTHORIZED SIGNATURE

Proposals must be signed by an authorized individual to contractually bind their firm when submitting the Proposal. Failure to sign the Proposal will be considered as a "mistake in Proposal", and the Proposal will be rejected as "non-responsive".

1.1.10. NUMBER OF PAGES

All pages of this Request for Proposal are to be returned with your proposal.

1.1.11. FORMAT FOR PRICING

All prices must be typed or written in ink on the appropriate specification/pricing form(s). Proposals written in pencil will not be accepted. Changes may be crossed through and corrections inserted adjacent and initialed by the person preparing the Proposal. Should errors in multiplication or addition of a unit price against a total price occur, the unit price shall govern. All pricing proposed for products and/or services shall constitute entire consideration due.

1.1.12. WITHDRAWING PROPOSALS

No Proposal may be withdrawn prior to opening of proposals without written request (addressed to the Garland ISD Director of Purchasing) by an authorized agent of the proposing firm and upon written approval by the District. Proposals become the property of Garland ISD upon receipt.

1.1.13. DISTRICT LIST OF PROPOSERS

The District's list of prospective proposers is being updated. To remain on Proposal lists you must either submit a proposal or return this Request for Proposal marked "NO BID". Failure to follow this procedure will result in your firm being removed from the mailing list!

1.1.14. BID TABULATIONS

Proposers desiring a bid tabulation sheet resulting from this Request For Proposal may visit our web site at <http://www.garlandisd.net/connect/do-business/bid-tabulations>. The tabulations will be posted once the GISD Board of Trustees has approved the contract. If you are unable to download the information, please contact the Purchasing Department at 972-487-3009 and we will forward you a copy via email.

1.1.15. DEVIATIONS

Any and all deviations to this competitive solicitation proposed by the bidder must be listed on the Compliance Form, not on a cover letter, catalog, etc.

1.1.16. PUBLIC INFORMATION

Garland Independent School District is a public entity subject to the provisions of the Texas Public Information Act (Texas Government Code Chapter 552). Responses to this invitation may be subject to release as public information unless the response or specific parts of the response are accepted from public disclosure under such Act. Proposers should consult with their legal counsel regarding disclosure issues and take the appropriate precautions to safeguard trade secrets or any other confidential or proprietary information before responding to this invitation. The District assumes no liability or responsibility for release of any information not properly identified and documented in accordance with the enclosed Confidential Information Declaration & Copyright Authorization Form. The District assumes no liability or responsibility for release of any information that the Texas Attorney General or a court of law determines to be subject to release.

1.1.17. COPYRIGHT PROTECTION

Proposals asserted to be copyright protected in their entirety may, in the District's sole discretion, be rejected as non-conforming. Proposers who submit copyrighted materials as part of their bid must review and complete the Confidential Information Declaration & Copyright Authorization Form. Proposers submitting copyrighted

materials should consult with their legal counsel regarding copyright and disclosure issues. By submitting copyrighted materials and completing the Confidential Information Declaration and Copyright Authorization Form, bidders grant the District authorization to reproduce and provide copies of such information and agree to waive any and all claims against the District regarding the release of such copyrighted information including, but not limited to, any claim of copyright infringement when released in response to a valid request for information under the Texas Public Information Act, Texas Government Code Chapter 552. In the event a bidder is unable to grant such authorization and waiver, copyrighted materials must not be included in the bid.

1.1.18. POST-SUBMISSION CHANGES

A proposal that has been opened may not be changed for the purpose of correcting an error in the proposed price. Proposers submitting an erroneous proposed price may be given the option of either honoring the price as proposed or withdrawing the (erroneous) proposal [Local Government Code Subchapter B, Sec. 271.026].

1.2 Award/Evaluation of Proposals

1.2.1. WAIVING INFORMALITIES

The Garland Independent School District Board of Trustees reserves the right to accept or reject all or any part of any proposal, waive minor proposal formalities/technicalities and award the proposal deemed to be most advantageous to the District.

1.2.2. PRINCIPAL PLACE OF BUSINESS

The Garland ISD shall not award a governmental contract to a proposer whose principal place of business is not in Texas, unless the nonresident under prices the lowest proposal submitted by a responsible resident proposer by an amount that is not less than the amount by which a resident Proposer would be required to under price a nonresident proposer to obtain a comparable contract in the state in which the nonresident's principal place of business is located. [This requirement does not apply to a contract involving federal funds.]; Texas Government Code, Title 10, Section 2252.002. (Refer to Supplier Questionnaire)

1.2.3. MULTIPLE AWARDS

The District reserves the right to award to a single vendor, multiple vendors, each line item separately or in any combination it determines to be in its best interest. Proposals shall cover the entire program as described herein. Proposers shall also include copies of any contracts/agreements required (by the proposing firm) and clearly identify/label it as such.

1.2.4. TIE PROPOSALS/EVALUATION FACTORS

Tie proposals, which are **equal in all respects**, shall be resolved and awarded in accordance with Local Government Code (Texas) Para. 271.901. Otherwise proposals, which reflect a tie in price, only may be awarded pursuant to the permissible factors listed in Texas Education Code, Subchapter B, Sec. 44.031(b) and set forth below:

1. the purchase price;
2. the reputation of the vendor and of the vendor's goods or services;

3. the quality of the vendor's goods or services;
4. the extent to which the goods or services meet the district's needs;
5. the vendor's past relationship with the district;
6. the impact on the ability of the district to comply with laws and rules relating to historically underutilized businesses;
7. the total long-term cost to the district to acquire the vendor's goods or services; [and]
8. for a contract for goods and services, other than goods and services related to telecommunications and information services, building construction and maintenance, or instructional materials, whether the vendor or the vendor's ultimate parent company or majority owner:
 - a. has its principal place of business in this state; or
 - b. employs at least 500 persons in this state; and
9. **Per Texas Education Code, Subchapter B, Sec. 44.031(b) *ALL CONTENTS PROVIDED IN THIS SOLICITATION, WILL BE CONSIDERED AS AN EVALUATION FACTOR!**
10. In compliance with the provisions of Texas Government Code, Title 10, Subtitle D, Section 2155.074, Section 2155.075, Section 2156.007, Section 2157.003 and Section 2157.125, and Texas Administrative Code, Title 1, Chapter 113.6, information obtained from the Texas Building and Procurement Commission's Proposer Performance Tracking System may be used in evaluating responses to solicitations for goods and services to determine the best value for the Garland Independent School District.
www.window.state.tx.us/procurement/prog/vendor_performance .

1.2.5. BOARD OF TRUSTEE APPROVAL

Proposal results will be presented to the GISD Board of Trustees for consideration (if total amount awarded exceeds \$75,000) at the earliest opportunity following the official opening date.

1.2.6. ADDITIONS OR IMPROVEMENTS

Proposers and prospective proposers are encouraged to suggest improved product and/or services for future consideration by the District. Any literature/brochures regarding such products or services should be submitted separately from the proposal submitted in response to this Request for Proposal.

1.2.7. UNIT OF MEASURE

Each line item must be proposed using the same unit of measure as requested by this Request for Proposal. Any questions regarding unit of measure must be resolved between the prospective proposer and the Garland Independent School District Purchasing Department. Failure to propose specified unit of measure may be cause for rejection of proposal for the specific item(s) in question. Any packaging proposed which differs from that specified in the item description must be identified on the Deviation/Compliance Form.

1.2.8. FELONY CONVICTIONS

Upon notification of potential selections for award, the person or entity submitting this proposal must give notice to the district if the person or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in this conviction of a felony (this requirement does not apply to a publicly held corporation)

1.2.9. ALTERNATE AWARDS

The District awards contracts to vendors as an alternate in case the primary vendor is unable to fulfill the contractual obligations as stated in the specifications/terms and conditions.

1.2.10. PRODUCT LITERATURE

Descriptive and illustrative literature covering the items you propose to furnish shall accompany your proposal when bidding “or equal” items. Literature provided must contain adequate information for district personnel to evaluate the proposal product as “or equal”. Failure to do so will result in the rejection of your proposal.

1.2.11. PRICE ESCALATION PROVISIONS

The District may elect to place several orders during the term of this Request for Proposal. Proposers must specify minimum order quantities – if any – and are required to hold proposed prices for the first year of the contract. During the remaining yearly term of the contract, proposed increases may be submitted for approval but shall not exceed the Consumer Price Index for the previous year.

2. CERTIFICATIONS**2.1. CERTIFICATION AFFIRMATIONS**

By signing this Request for Proposal, the signed proposer affirms and certifies that its company, corporation, firm, partnership or individual’s response to this proposal is in all respects compliant with all provisions in this section.

2.1.1. ANTI-COLLUSION AND FRAUD

Proposer affirms that its company, corporation, firm, partnership or individuals response to this proposal is in all respects bona fide, fair and was not made with collusion or fraud with any person, joint venture, partnership, corporation or other legal entity engaged in this type of business prior to the official opening of this proposal.

2.1.2. DEBARMENT AND SUSPENSION (Executive Orders 12549 and 12689)

A contract award (see 2 CFR 180.220) must not be made to parties listed on the government wide Excluded Parties List System in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR Part 1986 Comp., p. 189) and 12689 (3 CFR Part 1989 Comp., p. 235), “Debarment and Suspension.” The Excluded Parties List System in SAM contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Proposer certifies that the individual and/or firm on whose behalf this proposal is submitted is not listed on the Federal Government’s excluded parties list (SAM).

2.1.3. COPYRIGHT AND PATENT LAWS

Proposer hereby certifies that it (or its firm hereby represented) is legally authorized to conduct business in Texas and has complied with any and all federal, state, or other laws or regulations applicable to any purchase resulting from this Request for Proposal, including, but not limited to, copyright and/or patent laws and anti-collusion law.

2.1.4. SOLE SOURCE

If the proposer professes to be the exclusive source of the item(s) or service(s) requested herein, the proposer must provide with its proposal a written statement to the fact that the sole source is due to one or more of the following (as applicable): a patent, copyright, secret process, or monopoly; a film, manuscript, or book; a utility service (electricity, gas, or water); or a captive replacement part or component for equipment. Such statements must be signed by the owner or corporate official of the firm submitting this proposal and must be notarized. This declaration shall not exempt the proposer from signing and submitting a signed proposal.

2.1.5. PUBLIC INFORMATION

By submitting a response to this request, proposer represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code, Disclosure of Certain Relationships with Local Government Officers; Providing Public Access to Certain Information. A list of local government Officers may be obtained at <http://www.garlandisd.net/content/conflict-disclosure>. Failure to comply with this provision may result in the bid being considered non-responsive.

2.1.6. FUNDING AGREEMENTS

Proposer certifies that if the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or sub-recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or sub-recipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

2.1.7. CLEAN AIR AND WATER POLLUTION ACT

Proposer certifies that it is in compliance with the Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended.

2.1.8. ENERGY POLICY AND CONSERVATION ACT

Proposer hereby certifies that it (or its firm hereby represented) that it is compliant with Certification of Compliance with the Energy Policy and Conservation Act - When federal Funds are expended by Garland ISD for any contract resulting from this procurement process, the Supplier certifies that the Supplier will be in compliance with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6321, et seq.; 49 C.F.R. Part 18).

2.1.9. RECORD RETENTION REQUIREMENTS

Proposer certifies that it will comply with the record retention requirements detailed in 2 CFR § 200.333 for a period of three years after grantees or sub-grantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other depending matters.

2.1.10. RECOVERD MATERIALS

Certify that the percentage of recovered materials to be used in the performance of the contract will be at least the amount required by applicable specifications or other contractual requirements, and estimate the percentage of total material utilized for the performance of the contract which is recovered materials, in accordance with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

2.1.11. BYRD ANTI-LOBBYING REQUIREMENTS

Proposer certifies no Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement imposed by section 1352, Title 31, U.S. Code.

If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the proposer shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions https://www.epa.gov/sites/production/files/2015-01/documents/lobbying_activities_disclosure.pdf

2.1.12. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Proposer certifies, where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

2.1.13. EQUAL OPPORTUNITY

Proposer certifies that, except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3, must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 CFR part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

3. TERMS AND CONDITIONS

3.1. CASH PAYMENTS AND DISCOUNTS

Cash/prompt payment discounts offered will not be considered in determining the award but will be taken if earned.

3.2. PURCHASE ORDERS AND CONFIRMATION

The Garland Independent School District will email purchase orders in lieu of facsimile transmission. In addition to purchase orders, all solicitation notices, and award notifications will be communicated by email.

Purchase Orders will serve as the award instrument(s) against this Request for Proposal. Orders will be placed as items are approved for purchase and funds become available.

Proposers who require the use of a separate contract document, must incorporate the terms and conditions of this Request for Proposal into the document. **Proposer agrees to provide a copy of the contract document in word format upon request.**

Garland ISD purchase orders will be issued to the invoicing party, either broker or manufacturer as indicated in this Request for Proposal, and will be emailed to the address on record for the invoicing party. Purchase orders must be confirmed on receipt via an emailed confirmation to the GISD Student Nutrition Services, mrgraham@garlandisd.net.

3.3. CHANGE ORDERS

The District and District’s representative, without invalidating the contract, may make changes by altering, adding to, or deducting from the Purchase Order; the contract sum being adjusted accordingly. No extra work or change shall be made unless in pursuance of a written order from the District and any claim for an addition to the contract sum will not be valid unless so ordered. Changes and amendments will be communicated by sending a copy of the purchase order.

IT IS THE PROPOSER’S RESPONSIBILITY TO TRACK PURCHASE ORDER NUMBER(S) & APPLICABLE REVISIONS. DOUBLE SHIPMENTS INCURRED WILL BE RETURNED AT THE VENDOR’S EXPENSE.

3.4. PAYMENTS VIA ACH

Garland ISD will make all payments via ACH. Awarded supplier will be required to submit banking information on a form provided by the district at:

<http://www.garlandisd.net/content/how-do-business-us>. Payment will be made within 30 days after the later of, receipt of goods/services and a properly submitted invoice. The district considers an invoice properly submitted when the following conditions are met:

- 3.4.1. Invoice is received at the address indicated on the purchase order
- 3.4.2. Pricing on the invoice matches the price on the purchase order
- 3.4.3. Include a description of the goods or services furnished, the purchase order number, invoice number and any applicable cash discount.
- 3.4.4. Quantities on the invoice do not exceed those specified on the Purchase Order
- 3.4.5. Unique invoice number used for each billing
- 3.4.6. Merchandise has been received.
- 3.4.7. Description of goods and services, and unit of measure, on the invoice, shall match the description on the Purchase Order.

NOTE: Awarded Companies are expected to ship goods and/or perform services in the same week in which they are invoiced. Invoicing procedures for each awarded company will be incorporated into the proposer's performance rating.

3.5. **CHANGING QUANTITIES**

Quantities may be increased or decreased at the discretion of the District.

***Quantities listed herein are best estimates only and cannot be guaranteed.**

3.6. **NO SMOKING POLICY**

No smoking or use of any tobacco products is permitted on school property.

3.7. **CHOICE OF LAW/VENUE**

This Request for Proposal and any resulting award(s) shall be interpreted within the laws of the State of Texas and the Uniform Commercial Code (UCC). In case of discrepancies between the laws of the state of Texas and the UCC, the laws of Texas will prevail. Venue for any legal action filed relative to this Request for Proposal or any resulting purchase orders shall be in Dallas County, Texas.

3.8. **INVALID PROVISIONS**

In the event that any one or more of the provisions contained in this Request For Proposal (or resulting purchase order) shall be held by a court of competent jurisdiction to be invalid, illegal or unenforceable, such provisions shall not affect any other provision hereof, and this Request For Proposal (or any resulting purchase order) shall be construed as if the invalid, illegal or unenforceable provision(s) had never been contained herein.

3.9. **QUALITY OF WORKMANSHIP**

If problems with quality or workmanship arise on items received, the supplying vendor is responsible for replacing any/or all items at no cost to the Garland ISD. The supplying vendor will also be responsible for returning to the designated campus or department to pick up the items in question. Garland ISD will not be responsible for shipping items back to vendors.

3.10. OVERCHARGE CLAIMS

Successful proposer(s) hereby assigns to purchaser any and all claims for overcharges associated with any contract resulting from this Request for Proposal which arise under the antitrust laws of the United States, 15 USCA Section 1 et. seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01 et. seq.

3.11. ASSIGNMENT OF CONTRACT

Any assignment by Vendor of this contract or any part thereof without written consent of Garland ISD shall be void.

3.12. AVAILABILITY OF FUNDING

Garland ISD's fiscal year is September 1 through August 31. Funds are available for the current fiscal year only. Should the Garland ISD Board of Trustees not approve funds for this service, any contract resulting from this Request for Proposal will automatically terminate on the last day of the school fiscal year for which funds have been appropriated at no further cost or obligation to the District.

3.13. INDEPENDENT CONTRACTOR

It is understood that in the performance of any services herein provided, for Contractor shall be, and is, an independent contractor, and is not an agent or employee of the District and shall furnish such services in its own manner and method, except as required by this contract. Further, Contractor has, and shall retain the right to exercise full control over the employment, direction, compensation, and discharge of all persons employed by Contractor in the performance of the services hereunder. Contractor shall be solely responsible for, and shall indemnify, defend, and save the District harmless, from all matters relating to the payment of its employees, including compliance with Social Security, withholding, and all other wages, salaries, benefits, taxes, exactions, and regulations of any nature whatsoever.

3.14. CANCELLATION FOR CONVENIENCE

The Garland Independent School District reserves the right to cancel any contract (purchase order) resulting from this Request for Proposal at any time, for any reason (or for no reason) with a thirty (30) day written notice to the contractor(s). Contractor may cancel any resulting contract, at any time for any reason, or for no reason with a sixty (60) day written notice. Any notice required or permitted to be delivered to the contractor(s) shall be deemed to be delivered when mailed by registered or certified mail, return receipt requested, postage prepaid, and addressed to the bidder's address appearing on the face of the Request for Proposal (or as subsequently revised or changed). Any compensation due the contractor(s) will be limited to items received and/or services performed and accepted by the District.

3.15. CANCELLATION FOR CAUSE

District shall have all remedies available at law or in equity. Where the Supplier is in default in delivery or otherwise, or has breached any terms or conditions of this contract. Garland ISD may terminate this contract in whole or in part without any adjustment, and in addition to any other remedy provided by law, may procure items or services, similar to those as to which this contract is terminated, and Supplier shall be liable to Garland ISD for any costs or such similar items or services in excess of the price or prices specified herein, provided, however, that Supplier shall continue the performance of this contract to the extent not terminated by the Garland ISD.

3.16. AGREEMENT BETWEEN PARTIES

The Contract Document consisting of the purchase order(s) and the Specifications or any documents attached thereto or expressly incorporated therein constitute the entire agreement

between the parties hereto with respect to the matters covered thereby. All prior negotiation representation and agreements, with respect thereto not incorporated in such Contract Documents, are hereby cancelled. This Agreement can be modified or amended only by a document duly executed on behalf of the parties hereto.

3.17. DISTRICT ACCESS TO WORK AREA

District and its representative shall at all times have access to work whether it is in preparation or in progress. Laboratory shall provide proper and safe facilities for such access and for inspection.

3.18. HOLD HARMLESS

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, SUPPLIER AND ITS AGENTS, PARTNERS, EMPLOYEES, AND CONSULTANTS (COLLECTIVELY "INDEMNITORS") SHALL AND DO AGREE TO INDEMNIFY, PROTECT, DEFEND WITH COUNSEL APPROVED BY DISTRICT, AND HOLD HARMLESS THE DISTRICT, REPRESENTATIVES OF THE DISTRICT, AND ITS MEMBERS OF THE BOARD OF TRUSTEES, ADMINISTRATORS, OTHER EMPLOYEES AND AGENTS (COLLECTIVELY "INDEMNITEES") FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, LIENS, CAUSES OF ACTION, SUITS, JUDGMENTS AND EXPENSES, INCLUDING ATTORNEY FEES, OF ANY NATURE, KIND, OR DESCRIPTION (COLLECTIVELY "LIABILITIES") OF ANY PERSON OR ENTITY WHOMSOEVER ARISING OUT OF, CAUSED BY, OR RESULTING FROM THE PERFORMANCE OF SERVICES, OR PROVISION OF GOODS, BY VENDOR PURSUANT TO THIS CONTRACT, OR ANY PART THEREOF, OR ANYONE FOR WHOSE ACTS IT MAY BE LIABLE EVEN IF IT IS CAUSED IN PART BY THE NEGLIGENCE OR OMISSION OF ANY INDEMNITEE, SO LONG AS IT IS NOT CAUSED BY THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY INDEMNITEE.

3.19. AUDITING CONTRACT

Upon request by Garland ISD or Comptroller General of the United States, any duly authorized representative of Garland ISD shall, until three (3) years after final payment under this Agreement, have access to and right to examine directly pertinent books, papers, documents, accounts, and records of Seller involving transactions related to this Agreement and to examine Seller's place of business as necessary to determine whether the terms of this Agreement are being carried out. This audit will be conducted at a location where those business documents are being held at the time of the audit request. Seller shall be required to maintain such records for three years after final payment.

3.20. LIMITATION OF LIABILITY

Garland ISD shall have all remedies available at law or in equity to include reimbursement of attorneys' fees and all costs incurred in enforcing such rights. No modification of limitation of remedy shall be a part of this contract unless specifically agreed to in writing by Garland ISD's Purchasing Department.

3.21. AUTHORIZED NEGOTIATORS

Designated GISD Purchasing Department personnel are the only individuals allowed to negotiate contract agreements/terms & conditions and/or pricing before an award is made as well as after an award has been made. Firms hereby agree that any negotiations regarding

this RFP pertaining to agreements/terms & conditions and/or pricing shall be between proposing firm and the Purchasing Department ONLY throughout the term of the contract.

3.22. E-COMMERCE PARTNER

Garland ISD has implemented an Oracle iSupplier module and will require the successful supplier to utilize this application. iSupplier is a collaborative application that enables Garland ISD and the supplier to communicate. The system enables suppliers to have real-time access, through a standard internet browser, to information such as bids, purchase orders, invoice status, payments, and respond to Garland ISD with order acknowledgments and change requests. Oracle also allows the supplier to input invoices through the portal if permitted by Garland ISD.

In addition to I-Supplier, Garland ISD has implemented iSourcing, which allows the supplier to receive and submit bids and quotes electronically.

iSupplier and iSourcing are provided free to suppliers. Additional information regarding this Oracle application can be obtained at <http://www.oracle.com/us/products/applications/ebusiness/procurement/index.html>.

3.23. SOURCING RESPONSIBILITIES

The Proposer is required to provide the name and contact information of the individual who will be the dedicated technical resource for performing the iSupplier and iSourcing responsibilities.

Name of responsible party: _____
 Phone Number: _____
 E-mail Address: _____

3.25. FORCE MAJEURE

Neither party shall be liable for delay in delivery or performance or for failure to give notice of delay when such delay is due to factors beyond its control, including, but not limited to, fires, strikes, explosions, governmental regulations, court orders or decrees, or acts of nature such as flood, wind, earthquake, tornado or hurricane. If the Proposer is unable to perform any of its obligations as a result of force majeure, proposer shall immediately give written notice to the District of the date of inception of the force majeure condition and the extent to which it will affect performance.

3.26. TEXAS HOUSE BILL 1295, CERTIFICATE OF INTERESTED PARTIES

If the individual contract/award exceeds \$1,000,000 or goes to the Board of Trustees, the person or entity submitting this proposal must comply with House Bill 1295 which is codified in the Texas Government Code §2252.908 effective January 1, 2016, by submitting a completed and signed Form 1295, Certificate of Interested Parties within 10 days after notification of intent to award. The appropriate form and additional information is available from the Texas Ethics commission at www.ethics.state.tx.us/index.html.

END OF SECTION

GARLAND INDEPENDENT SCHOOL DISTRICT
Instruction Sheet

1. Line Pricing

Each line item must be proposed as specified, including description and unit of measure. Any questions regarding unit of measure must be resolved between the prospective proposer and the District Purchasing Department in accordance with the Item #2 above. Failure to propose specified description and unit of measure may be cause for rejection of proposal for the item(s) in question. Refer below for information regarding bidding of “or equals” and alternates. The district will make the sole determination regarding Approved Equals.

2. Bidding an “or Equal”:

When bidding an “or Equal”, vendor must indicate pricing on the base line provided. Do not add additional lines. Vendor must indicate in their proposal the brand and model/catalog number being offered. Include with your proposal any catalogs, brochures or other information relative to the characteristics of the product on which you are offering. For your bid to be considered you must show your comparable specification for each item in the related field.

3. Bidding Alternates:

(Alternates not accepted)

Alternates will not be accepted for this bid. Vendors must propose according to the line item description and unit of measure specified.

4. Fingerprinting Requirement:

Suppliers who will only deliver but not enter a school building to perform services, will be required to complete and submit the **CERTIFICATION FOR CRIMINAL HISTORY CHECK FORM only**, prior to beginning services.

Suppliers who will deliver and enter a school building to perform services, will be required to complete the Criminal History Check process described below, prior to beginning services. should be completed and returned after all personnel have been fingerprinted.

Criminal History Checks

During the term of this agreement, the firm’s employees have the potential to have continuing duties and direct contact with students. Subsequently, the supplier is responsible for complying with Texas Education Code § 22.0834. Supplier may not commence work until all employees have been approved by the Purchasing Department.

At a minimum, the company recommended for award shall:

1. Obtain required criminal history record information, through the Department of Public Safety's Fingerprint-based Applicant Clearinghouse of Texas (FACT), regarding its employees assigned to work GISD premises. The following steps should be followed to complete the process:

If you are a **sole proprietor** (one person company) you must:

- 1.1 Contact GISD Purchasing Department to obtain FAST pass.
- 1.2 Follow instructions on the FAST Pass to arrange an appointment for employees to be finger printed. Employers may select the most convenient location to their zip code.
If there is not a convenient location based on your zip code, please enter 75042 and choose "Garland: Garland ISD" to schedule your fingerprint appointment.
- 1.3 After fingerprinting is completed, email Diane Fields, Administrative Assistant to Director of Purchasing at Dfields@garlandisd.net and provide the following: RFP number, full name and date of birth for all personnel assigned to work on site during the contract term. If it is not possible to verify an employee based on the name and date of birth, it may be necessary to provide a driver's license number or state identification card.

All other **suppliers, contractors and subcontractors** must:

- 1.4 Supplier will receive award letter or signed contract from the Purchasing Department.
Subcontractors will obtain an award letter or contract from the general contractor, before contacting DPS.
 - 1.5 Contact the Department of Public Safety (DPS) at (512) 424-2474, select option 2, to establish a vendor account and obtain a FAST pass. This process can take up to seven to ten business days.
 - 1.6 Follow instructions on the FAST Pass to arrange an appointment for employees to be finger printed. Employers may select the most convenient location to their zip code.
If there is not a convenient location based on your zip code, please enter 75042 and choose "Garland: Garland ISD" to schedule your fingerprint appointment.
2. After fingerprinting is completed, email Diane Fields, Administrative Assistant to Director of Purchasing at Dfields@garlandisd.net and provide the following: RFP number, full name and date of birth for all personnel assigned to work on site during the contract term. If it is not possible to verify an employee based on the name and date of birth, it may be necessary to provide a driver's license number or state identification card.

3. If an employee is arrested while under contract, you must contact Dana Knox, GISD Human Resource Specialist of Fingerprinting/Investigations at 972-487-3213. The incident must be reported within 3 business days of the arrest.

Notify GISD Purchasing Department if employees leave employment with the firm during the contract term or cease responsibilities on GISD property

Attachment A Supplier Questionnaire

1. Is your company certified by the state of Texas or the North Central Texas Regional Certification Agency as a small, women-owned, or minority business? Yes
No

If yes, provide a copy of the certification with the Request for Proposal/Bid response.

2. References:

<u>Name</u>	<u>Telephone Number</u>
_____	_____
_____	_____
_____	_____

3. The Garland ISD has entered into Inter-Local Agreements for cooperative purchasing with the following public entities: City of Garland • City of Rowlett • Ysleta ISD

The Proposer agrees to honor orders for items or services included herein which may be placed by these entities? Yes
No

4. Several governmental entities (a membership list is available at the EPCNT web site, listed below) have indicated an interest in being included in this contract. Should these governmental entities decide to participate in this contract, would you, (the proposer) agree that all terms, conditions, specifications, and pricing would apply? Yes
No
For information regarding the Educational Purchasing Cooperative of North Texas, please visit their website at the following address www.epcnt.com.

Several governmental entities (a membership list is available at the CTPA web site listed below) have indicated an interest in being included in this contract. Should these governmental entities decide to participate in this contract, would you, (the proposer) agree that all terms, conditions, specification, and pricing would apply? Yes
No
For information regarding the Central Texas Purchasing Alliance, please visit their website at the following address www.txctpa.org.

If you (the Proposer) checked yes, the following will apply. Governmental entities utilizing Internal Governmental contracts with the Garland Independent School District will be eligible, but not obligated, to purchase materials/services under the contract(s) awarded as a result of this solicitation. All purchases by a governmental entity other than Garland Independent School District will be billed directly to that governmental entity and paid by that governmental entity. Garland Independent School District will not be responsible for another governmental entity's debts. Each governmental entity will order their own material/service as needed.

Attachment A (continued)

5. The Garland ISD has authorized district employees to use a credit card (Bank of America Master Card) to make purchases for business purposes.
- 5.1. Will your company accept these credit card purchases? Yes No
- 5.2. Does your company utilize level 3 data card processing information? Yes No
6. Proposer's principal place of business (or main corporate office) is located in _____(state).
- 6.1. Proposer's principal place of business is located within the boundaries of the Garland Independent School District? Yes No
- 6.2. Does your firm employ at least 500 persons in the state of Texas? Yes No
7. Is your firm willing to honor the terms and conditions of this contract if awarded a contract as an alternate? Yes No

Attachment B Compliance Form

An authorized company representative must sign this form to indicate compliance with the Sourcing Instruction Sheet, Instructions to Proposer, Award/Evaluation of Proposals, Certifications, Shipping and Delivery, Terms and Conditions and all other information contained in this solicitation. All **deviations** shall be listed on this page, with complete detailed conditions and information included or attached. The District will consider any deviations in its award decisions, and the District reserves the right to accept or reject any bid based upon any deviations indicated below or in any attachments or inclusions.

In the absence of any deviation entry on this form, the bidder assures the District of their full compliance with the Sourcing Instruction Sheet, Instructions to Proposer, Award/Evaluation of Proposals, Certifications, Shipping and Delivery, Terms and Conditions and all other information contained in this solicitation.

Please list deviations below (attach additional sheets, if needed):

Company Name

Address

City State Zip

Printed Name Title

Signature

Email Address

Telephone # Fax #

Attachment C Confidential Information Declaration & Copyright Authorization Form

The bidder must stamp in bold red letters the term "CONFIDENTIAL" or "PROPRIETARY" on every page of any part of a bid that the bidder claims is confidential or proprietary. *Furnishing confidential or proprietary information is discouraged.* The District cannot guarantee that the District will be allowed to keep the information submitted confidential. The District may reject as non-conforming any bid that contains confidentiality claims that the District in its sole discretion considers vague or unreasonable.

All Invitations to Proposal and parts of bids that are not marked as confidential or proprietary will generally be considered public information once the contract is awarded. The District assumes no liability or responsibility for release of any information not properly marked. The District assumes no liability or responsibility for release of any information that is properly marked but is determined by the Texas Attorney General or a court of law to be subject to release. In the event that the District receives a request for disclosure of material marked "confidential" or "proprietary", the District may request a ruling from the Texas Attorney General concerning whether such material must be disclosed.

Proposals asserted to be copyright protected in their entirety are unacceptable and may, in the District's sole discretion, be disqualified as non-responsive. By submitting copyrighted materials as part of your bid, you hereby grant the District authorization to reproduce and provide copies of such information in response to a valid request for information under the Texas Public Information Act, Texas Government Code Chapter 552. By submitting copyrighted materials, you are representing that you have the authority to grant such authorization for the reproduction and release of such information. You further agree to waive any and all claims against the District regarding the release of such copyrighted information including, but not limited, to any claim of copyright infringement when released in response to a valid request for information under the Texas Public Information Act, Texas Government Code Chapter 552.

- Contents of this document are NOT considered Confidential or Proprietary
- Contents of this document ARE considered Confidential or Proprietary. Please identify the pages and/or sections declared Confidential or Proprietary by properly marking the pages &/or sections as confidential or proprietary and listing them below:

The undersigned affirms that the District assumes no liability/responsibility for the release of any information if this form is not properly completed, signed and the appropriate pages clearly marked as directed. The undersigned further grants authorization for the reproduction and release of any information asserted to be copyright protected in response to a request for information under the Texas Public Information Act, and waives any and all claims regarding the release of such information.

Printed Name

Signature	Title	Date
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Attachment D
Certification for Criminal History Check
(In Compliance With Texas Education Code § 22.0834(A))

“Covered employee” - A “covered employee” is a person who is an employee, applicant, agent or Subcontractor of the Contractor or of any Subcontractor of the Contractor, if (a) the person has or will have work duties related to the Project that will be performed on District property or at another location on a regular or repeated basis, (b) students are regularly present at such location, and (c) the person will have verbal or physical interaction with, or be in direct proximity to, one or more students.

“Direct contact with students” - The contact that results from activities that provide substantial opportunity for verbal or physical interaction with students that is not supervised by a certified educator or other professional district employee. Contact with students that results from services that do not provide substantial [the] opportunity for unsupervised interaction with a [an individual] student or students, such as addressing an assembly, officiating a sports contest, or judging an extracurricular event, is not, by itself, direct contact with students. However, direct contact with students does result from any activity that provides substantial [the] opportunity for unsupervised contact with students, which might include [such as], without limitation, the provision of [individualized] coaching, tutoring, or other services to students.

“Disqualifying conviction” - A “disqualifying conviction” is a conviction of (a) any felony under the Texas Penal Code, (b) any offense for which the person is required to register as a sex offender under Chapter 62 of the Texas Code of Criminal Procedure, (c) any equivalent offense under the laws of the United States or any other state, (d) any offense against a child, (e) misdemeanor possession of a controlled substance within 10 years, (f) any weapon offense, (g) theft, larceny, fraud, issuance of a bad check, theft by check above the class C misdemeanor level, or more than one offense at the class C level, (h) forgery, (i) altering an Official Document, (j) perjury, or (k) securing executing of a document by deception.

On behalf of _____ (“Contractor”), I certify that [check one]:

None of Contractor’s employees are *covered employees*, as defined above. The service contractor shall also certify that it will take reasonable steps to ensure that the conditions or precautions that have resulted in a determination that any person is not a covered contract employee continue to exist throughout the time that the contracted services are provided.

Or

Some or all of Contractor’s employee are *covered employees*. If this box is selected, I further certify that:

- (1) Contractor has obtained all required criminal history record information, through the Texas Department of Public Safety, regarding its covered employees. None of the covered employees has a disqualifying conviction.
- (2) If Contractor receives information that a covered employee has a disqualifying conviction, Contractor will immediately remove the covered employee from contract duties and notify the District in writing within 3 business days that it has done so. Noncompliance by Contractor with this certification may be grounds for contract termination.

Signature

Title

Date

Attachment E Insurance Requirements

The Proposer shall purchase and maintain, in a company or companies licensed to do business in the State of Texas. Such insurance as will protect the Proposer and the District from claims set forth below, which may arise out of, or result from, the operations under the contract. The Proposer shall be a subscriber to the Texas Workers' Compensation Act for Workers' Compensation Insurance. The proposer shall file with the Director of Purchasing, before work is begun, certificates of such insurance which shall be subject to approval by the District as to the company providing insurance and the manner and adequacy of insurance protection. The Proposer shall, during the performance of this Agreement, keep in force the following insurance:

- a. Comprehensive General Liability*(CGL)
 - 1) Bodily Injury\$250,000 each person, \$500,000 each occurrence,
\$1,000,000 aggregate
 - 2) Personal Injury\$250,000 each person, \$500,000 each occurrence,
\$1,000,000 aggregate
 - 3) Property Damage\$500,000 each occurrence
- b. Comprehensive Automobile Liability*(CAL)
 - 1) Bodily Injury\$500,000 each person, \$500,000 each occurrence,
\$1,000,000 aggregate
 - 2) Property\$100,000 each occurrence
- c. Workers' Comp. (as a subscriber to the Act) Statutory (per benefits of Texas Workers' Comp. Act)
- d. Employer's Liability
 - 1) Each accident.....\$300,000
 - 2) Disease\$300,000
 - 3) Disease for each employee\$300,000

*In the alternate, CGL and CAL insurance coverage a combined single limit policy of \$500,000 for both property damage and bodily injury may be provided with 1 million dollar aggregate.

The Proposer shall either: (1) require each of its sub-contractors to procure and to maintain during the life of the sub-contract, Sub-contractor's Workers' Compensation Insurance as a subscriber to the act, Comprehensive General Liability, Automobile Liability, and Property Damage Liability Insurance of the type and in the same amounts as specified above, or (2) insure the activity of its sub-contractors in its own policy(ies).

All such policies of insurance shall contain a provision that they shall not be cancelled or altered nor the amount of coverage reduced until at least thirty (30) days after notice of such cancellation, alteration, or reduction has been delivered to the District.

Such policies of insurance shall be written by companies authorized by the Texas Department of Insurance to conduct business in the state and shall be satisfactory to the District. Proposer shall not commence work under this Agreement until satisfactory evidence of such insurance has been delivered to, and approved by the District.

Self-Insurance: A proposer who self-insures for workers compensation must possess a Certificate of Authority to Self-insure issued by the Texas Workers Compensation Commission as a subscriber to the Workers' Compensation Act. By signing below, the bidder/prospective Proposer certifies that it possesses such certificate, and shall furnish a copy of the Certificate of Self Insurance with Proposal Invitation.

The Certificate of Insurance must be presented prior to start of service. The policy must reflect Garland I.S.D. as "additional insured" or "co-insured". The amount of deductibles and self-insurance retention must be shown on Certificate of Insurance.

By initialing below, the bidder certifies that it is capable of providing the type(s) and coverage of insurance required.
_____(Initials)

Company Name	Insured By	Printed Name	Certificate Number
--------------	------------	--------------	--------------------

Purpose

The Garland Independent School District is seeking a security contractor to partner with over the next 30 months to complete upgrades to several campuses, as part of the current Bond Initiative. This proposal is also seeking a maintenance partner that will provide both warranty and ongoing parts and service for a period of three years, renewable annually. The Garland ISD Security Department maintains CCTV, Intrusion Detection and Access Control Systems for every District facility. The District technicians maintain all systems by purchasing parts from local vendors. The specific purposes of this RFP are as follow:

1. Secure a vendor to upgrade legacy systems to the new District standards specified.
2. Secure a parts supplier for the existing and new equipment maintenance and upkeep.
3. Secure a service provider for occasional installation and maintenance assistance.

The District currently utilizes several manufacturers' equipment in all the listed trades. The existing equipment shall be upgraded through the course of this contract. In evaluating all responses we will review overall cost, compliance with specifications, company qualifications, and the ability to provide the service proposed.

The total value of this contract for system upgrades is not to exceed \$7,000,000, in addition, the annual parts and service portion is not to exceed \$400,000 annually, renewable for up to 3 years. The total contract if renewed for three years will not exceed \$8,200,000.

Vendors will respond to this bid in five sections. The District may award this contract to a single vendor or to multiple vendors based on the responses received. **Vendors do NOT have to respond to all sections to be considered for a specific section.** All pricing will be provided for each section in the parts list located in Section 4 and 5.

Section 1: Vendor Minimum Qualifications and Information

Section 2: Security Alarm and Access Control Equipment Standards

Section 3: CCTV Surveillance Equipment Standards

Section 4: System Maintenance Parts, Labor and System Pricing

Section 5: Bond Initiative Upgrades and Installation Specifications and Pricing

Section 1: Vendor Minimum Qualifications and Information

VENDOR MINIMUM CRITERIA

The following is a list of the minimum criteria for the vendor. Any Proposer who does not meet these minimum criteria will be disqualified.

1. _____ Company shall have been in business for no less than 5 years.
2. _____ Company shall have installers / service personnel on staff.

Subcontractors will not be allowed for this contract.

3. _____ Company shall provide District approved background checks and any required licenses on all service technicians and installers.
 4. _____ Company shall provide references for a minimum 2 Texas School Districts with more than 20,000 students where similar work has been performed.
 5. _____ Company shall provide evidence of factory trained personnel for equipment proposed by providing certificates of training.
 6. _____ Company shall provide a minimum of 1 year warranty on all equipment and installation labor with optional pricing for an extended warranty of 3 years. The extended warranty protection will be at the discretion of the district.
 7. _____ Company will provide labor pricing for installations on after hour work, to be performed between the hours of 4:00pm and 6:00am. This is to ensure no interruption to the educational process. Installs in the summer might be performed during normal working hours but the majority of installation will be done after hours.
 8. _____ Company shall provide contact information and identify a single point of contact for all district concerns for the duration of the contract.
 9. _____ Company **shall be an authorized Galaxy Access Control / Intrusion sales representative.**
 10. _____ Company **shall be an authorized Honeywell DVR and Avigilon IP System sales representative.** The district has both of these systems deployed and will require "like" replacement parts.
 11. _____ Company shall agree to install all equipment according to published manufacturer installation instructions and all applicable codes and standards governing the type of equipment being requested.
-

Proposers Qualifications and Support Capabilities

Information about the Proposer

Company Name _____

Legal Name (if different) _____

Years in Business _____

Number of years selling similar systems contained in proposal _____

Contact Person _____

Full Mailing Address _____

Telephone Number _____

Fax Number _____

Email Address _____

Number of Full-Time Employees _____

Number of technical/installation personnel (minimum of 5) _____

Names and titles of personnel who would be providing the installation and service for the equipment in this project:

Experience and Existing Customers

How many customers does the vendor currently provide similar equipment and service as contained in this RFP. How many in the Area? How many statewide? How many nationwide?

Area _____ Statewide _____ Nationwide _____

References

To be a qualified Proposer, the Proposer must include references below that meet the requirements in Section 1 vendor minimum criteria; Item 4.

Reference 1

A. Organization Name _____

B. Address _____

C. Type of Business _____

D. Contact Person _____

-
- E. Telephone _____
 - F. Email Address _____
 - G. Secondary Contact Person _____
 - H. Telephone Number _____
 - I. Email Address _____
 - J. Dates of Installation _____
 - K. Description of system _____

Reference 2

- A. Organization Name _____
 - B. Address _____

 - C. Type of Business _____
 - D. Contact Person _____
 - E. Telephone _____
 - F. Email Address _____
 - G. Secondary Contact Person _____
 - H. Telephone Number _____
 - I. Email Address _____
 - J. Dates of Installation _____
 - K. Description of system _____

-

Reference 3

- A. Organization Name _____
- B. Address _____

- C. Type of Business _____
- D. Contact Person _____
- E. Telephone _____
- F. Email Address _____
- G. Secondary Contact Person _____
- H. Telephone Number _____
- I. Email Address _____
- J. Dates of Installation _____
- K. Description of system _____

Additional Vendor Information

1. How many service personnel trained in maintaining the proposed systems does Proposer employ in the client's area? Please indicate location closest to the client.

Service Personnel _____

Location _____

Ratio of Customers to Trained Techs _____

2. List names and job titles of service personnel who would be assigned to this customer:

3. Provide the address of Proposer's service center(s) closest to the client:

Company _____

Address _____

Telephone Number _____

4. Who will maintain parts inventory? At what location?

Company _____

Address _____

Telephone Number _____

5. What critical component parts are kept in stock at this location?

6. What response time can Proposer guarantee?

(Business hours, Monday-Friday 8:00 am – 5:00 pm, excluding holidays)

Phone response: _____ hours On-site response: _____ hours

SIGNATURE

The Undersigned states that they are authorized to sign this bid submittal and that they agree to the terms, conditions, and requirements contained in these documents.

Signature: _____

Title _____

Date: _____

End of Section

Section 2: Security Alarm and Access Control Equipment Standards

Introduction

The District currently utilizes Monitor Dynamics SAFENET Alarm Panels for intrusion detection and access control in a majority of the District Facilities. The new equipment standard for intrusion and access control is the Galaxy Model 600 Access Control and Intrusion System. In addition all alarms and access control signals are sent to a central server running System Galaxy Version 10.3 Software. There is equipment deployed in 85 locations connected via a Fiber WAN with full network connectivity. The District has 120+ Access/Alarm Panels, 4000+ Alarm Points and 600+ Access Doors currently deployed throughout all locations. The purpose of this section is to provide an overview of the District standards and guidelines. This overview is not meant to be detailed or exhaustive but a summary of standards and methods. All contractors should remember that detailed installation instructions are provided by the manufacturer of the products and all applicable codes and standards governing installation of this type of equipment and adherence is required.

Current Standards

Security Alarm Panels

A majority of our District buildings are protected with a Monitor Dynamics Safenet Alarm Panel. The panel is utilized for both intrusion alarms and access control. There are currently two different processors utilized, the PB2000 and IDC. The District is currently upgrading to new intrusion and access control manufacturer standard which is the Galaxy Model 600 for all future access control and intrusion deployments.

Each alarm panel is connected to the security alarm server through the District Fiber WAN. Most locations have a single panel and others have 2 or more. The goal is to zone the campuses to cut down on wire lengths and to provide for redundancy at the campus.

All Alarm Panels currently contain internal backup batteries for both the panel and all motion sensors. These batteries are capable of keeping the system operational for approximately 24 hours depending on the number of sensors in the building.

Each panel also has tamper switches inside the panel connected to alarm points to notify Dispatch when the panel is opened for maintenance or any other reason.

The District does not utilize keypads in any building for local disarming of alarms.

The District Fire Alarm panels also send signals to the server for both alarm and trouble as the primary means of communicating with the Dispatch Center. This is done by connecting fire panel relays to an intrusion input and properly labeling.

Motion Sensors

The District currently utilizes the Honeywell DT-8035/DT-8050 Dual Tec Motion Sensor as its primary motion sensing device. There are other motion sensors deployed in the District but when they fail the Honeywell product is used as a replacement.

The sensors are supervised utilizing a built in tamper switch and the wire is supervised with a resistor located at the sensor.

The District will be adding door contacts to all exterior doors in the District. These door contacts will be placed on each exterior door and wired back to the closest alarm panel. The standard for connection is to wire all doors entering a single area in series with one wire going back to the panel. There is no REX device installed and each door is programmed with a delay time to send an alarm if left propped open. The current delay default is 5 minutes with adjustments being made by District personnel as the situation dictates.

Access Doors

Every District building has access control equipment installed in some capacity. The equipment hardware in the field is controlled by the Monitor Dynamics Safenet Alarm Panel or Galaxy Model 600 Panel utilized for intrusion control.

The current door field hardware includes HID Readers and various manufacturers' panic bars and strikes. The current standard for hardware includes Sargent Crash Bars and HES Strikes for any new or replacement devices.

The District does not use magnetic locks with only a couple of exceptions at administration buildings by request of the Fire Marshal.

Server Hardware and Software

The Security Software for the Monitor Dynamics SAFENET Software runs on a HP ProLiant DL380 G5 Server. The current software package is SAFENET Version 6.2. There are two servers deployed, one is primary and one is the backup. In the event of a failure the backup server is manually brought online and resumes operation. Both servers were purchased in 2007 and run alternating every month.

The District is migrating to System Galaxy Software for access control and intrusion. The software is currently loaded on an HP ProLiant DL380 G6. The server is currently running the Galaxy version 10.3 software package. This server is 5 years old and will be upgraded during this project.

System Monitoring

All intrusion and access control equipment is monitored 24/7/365 by the Garland ISD Dispatch Center. The Dispatch Center contains two workstations that are connected via Ethernet with the alarm server.

There is also a designated scheduler that will need a workstation dedicated for that purpose.

The Dispatchers utilize the workstations to monitor intrusion alarms, control access doors and modify schedules. As stated in a prior section the District does not have keypads so all scheduling request are completed by the Security Dispatchers.

Door Intercom System:

The door intercom systems were deployed as part of the access control system and are located at the front door of every campus. The office staff are the only ones who have the ability to allow people in the building and visitors are only authorized to enter through the front door. The current equipment standard is Viking E-30 Intercom connected to a Viking C-2000B for all functions and controls. The Viking will ring to an analog cordless telephone with a minimum of 3 handsets, ATT Model EL52315.

Secure Vestibules

The District is adding secure vestibules at every campus with access doors providing controlled entry into each area exiting the vestibule. This document has a typical vestibule drawing in the appendices that should be referred to for all information and equipment needs.

The vestibules will have a Viking callbox on the exterior door and interior door that goes to the office. A momentary push button should be provided to unlock the interior door via a wireless button.

Panic Hardware

The District is currently deploying wireless Inovonics EE4216MR with pushbuttons as panic hardware. The output should be tied to an intrusion input on the Galaxy panel and labeled appropriately for a panic situation. An additional wire should be provided to the public address system to be connected by owner to make an announcement.

End of Section

Section 3: CCTV Surveillance Equipment Standards

Introduction

The district has deployed 2600+ cameras supported by Honeywell Digital Video Recorders and Avigilon Servers. The equipment is connected utilizing the District Fiber WAN and can be monitored from any PC with the proper software loaded. The District's current camera infrastructure is approximately 80% analog and 20% IP. The District new standard is to deploy IP cameras throughout. The purpose of this section is to provide an overview of the District standards and guidelines. This overview is not meant to be detailed or exhaustive but a summary of standards and methods. All contractors should remember that detailed installation instructions are provided by the manufacturer of the products and all applicable codes and standards governing installation of this type of equipment and adherence is required.

Current Standards

Digital Video Recorders

The majority of District Buildings are currently utilizing Honeywell Fusion Digital Video Recorders, the Honeywell HRDP Video Recorder or the Honeywell NVR for video surveillance. The District has recently deployed the Avigilon System in several locations with the final goal being full deployment. The District currently receives a 3 year warranty on all products from Honeywell and that term of warranty will be the standard for any future purchases with Avigilon.

The Fusion IV DVRs are hybrid and will handle both analog and IP video. The HDRP are analog only and are half the cost of the full DVR. It will be necessary to maintain the current infrastructure until upgrades can be completed.

At the campus level a majority of the Digital Video Recorders are located in the MDF closet with a few locations having them either in IDF closets or a designated room. Servers will be mounted in an owner provided rack.

All servers will have sufficient hard drive capacity to record a minimum of thirty (30) days with the amount and type of cameras proposed to be attached to the system.

All servers will be monitored from single software by the GISD Dispatch Center with the ability to seamlessly switch between campuses for the purpose of monitoring both live and archived video.

District technicians will be given passwords and administrator rights to all servers and software.

All Network IP addressing schemes will be provided by the GISD Security Department in coordination with the GISD Technology Department. The contractor is responsible for contacting the GISD Security Department to be given all necessary information.

All final programming standards for bandwidth, frame rates, compression formats, etc. shall be defined by the GISD Security Department prior to the beginning of the project in written form. The contractor is required to contact the GISD Security Department to receive the information

Cameras

The Honeywell product line is the current standard for cameras within the District. The two types of cameras primarily used in the system are the Honeywell HD4D Vandal Proof Color analog camera and the Honeywell HCD544 High Resolution Day/Night Color analog camera. The District also has a few Honeywell IP cameras located at various campuses and Honeywell IP megapixel cameras at Williams Stadium. The District has also deployed Avigilon 1.0 H3-D1 and 2.0-H3-D1 IP Cameras.

The District utilizes analog cameras for the majority of its camera placement with IP video being utilized in specific situations. The new standard moving forward will be to deploy IP cameras of equal or greater specifications as those listed in the previous paragraph.

System Monitoring

The District currently utilizes the Honeywell FVMS software to monitor the Digital Video Recorders at all campuses. All locations are accessible from the District Dispatch Center and several computers within the Security Department. The Security Department utilizes the software to view live video during contingency operations and drills, and also for after incident investigations as needed.

Each campus also has access to their specific cameras utilizing the FVMS software. The exception is in the elementary campuses where the Remote View Software has been loaded. The software is loaded on all Principals, Assistant Principals and SRO computers with the ability to view live, search and archive any video. Some campuses have the software loaded on computers in the main office with only viewing capability.

The District Standard will remain to have the ability to centrally monitor all systems from a central software and to deploy software where needed for individual campus monitoring on Microsoft Windows based computers. Several District administrators utilize Apple Computers. System software that is compatible with Apple products is preferred.

Section 4: System Maintenance Parts, Labor and System Pricing

Introduction

This section will contain all pricing for the Sections included in this Proposal. It will also contain pricing for Labor rates for service and installation. If labor rates vary by Section please include that in your response in the blanks provided and annotate the Section number that the labor rate applies.

INSTALLATION AND MAINTENANCE LABOR

Labor Rates and Discount				Proposed Pricing	
Installation Labor			Installation Labor (Monday - Friday)	per hr	
Service Labor			Service Labor (Monday - Friday)	per hr	
Installation Labor			Installation Labor (After Hours, Weekends, Time over 40 hours)	per hr	
Service Labor			Service Labor (After Hours, Weekends, Time over 40 hours)	per hr	

Security Alarm and Access Control Pricing

Device Type	Manufacturer	Model Number	Description	Each Prices	Extended Qty	Extended Pricing
Legacy Monitor Dynamics Hardware						
Access Control	MDI	A40-85101	Battery (6 VDC/3.5 AH)		30	
Access Control	Altronics	SMP-3	Altronics, SMP-3, 2.5 AMP Power Supply		10	
Access Control	MDI	30-061	9V-1.9A Class II Transformer, Wall Plug with Output Cord		10	
Access Control	DSC	PTC 1640	DSC PTC1640U Transformer		10	
IDC Hardware						
Access Control	MDI	A30-10400	Unified Digital Controller - UDC/DDC3		2	
Access Control	MDI	B76-1204-E	Dual Door Controller (DDC) - For Use With SAFENet Systems Only		2	
Access Control	MDI	B76-1302-D	Alarm Zone Controller (AZC)		2	
Access Control	MDI	B10-0840	(IDC) Enclosure, 4-Board Size-Large		1	
Access Control	MDI	A40-80811	Power Supply AL176ULTB, 28 VAC TO 12/24 VDC at 1.75A		2	
Access Control	MDI	A40-80901	Transformer, 110 VAC-24 VAC, 830MA, Screw TRM		2	
Access Control	MDI	A40-85201	BAT-12V7AH - Battery (12VDC/7AH)		30	
Galaxy Access Control Hardware						
Access Control	Galaxy	90-1011-00	Galaxy Client Workstation		1	
Access Control	Galaxy	90-0600-80E	Galaxy Standard Client Software License		1	
Access Control	Galaxy	90-0903-10	Galaxy Badging Client Software License		1	
Access Control	Galaxy	635LG2	Galaxy 2-Door Controller with Large Controller Box		4	
Access Control	Galaxy	635LG4	Galaxy 4-Door Controller with Large Controller Box		1	
Access Control	Galaxy	635LG6	Galaxy 6-Door Controller with Large Controller Box		1	
Access Control	Galaxy	635LG8	Galaxy 8-Door Controller with Large Controller Box		1	
Access Control	Galaxy	20-0635-60	Galaxy CPU Board		1	
Access Control	Galaxy	20-0235-10	Galaxy Dual Reader Module (DRM)		5	
Access Control	Galaxy	20-0117-20	Galaxy Digital Input/Output Board (DIO)		5	
Access Control	Galaxy	20-0630-20	Galaxy Elevator Control Board		1	
Access Control	Galaxy	90-0714-60	Galaxy SMP-3 Power Supply		5	
Access Control	Galaxy	81-0600-00	Galaxy 8-Door Ribbon Cable		1	
Access Control	Galaxy	810600-80	Galaxy 16-Door Ribbon Cable		1	

Access Control	Galaxy	90-5400-00	Galaxy HID Prox Point Charcoal Card Reader		20	
Access Control	Galaxy	90-5354-00	Galaxy HID Pro Pro Charcoal Card Reader		20	
Access Control	Galaxy	6005-111-04	Galaxy HID Prox Point Charcoal Card Reader Replacement Cover		20	
Access Control	Galaxy	5355A-302-02	Galaxy HID Prox Pro Charcoal Card Reader Replacement Cover		20	
Access Control	Galaxy	95-1340-000	Galaxy HID Keyfob Proximity Credential (Minimum Quantity 25)		20	
HID Card Reader						
Access Control	MDI	R10-20110	HID ProxPoint Plus (HID Model # 6005), (Gray)		20	
Access Control	MDI	R10-20131-1	HID ProxPro (HID Model # 5355), (Gray)		20	
HID Card Reader Accessories						
Access Control	MDI	R15-20110	Glass Mount Kit, ProxPro and ProxPro II Readers (HID Model # 5455AGM00)		20	
Access Control	MDI	R15-20112	Bezel, ProxPro Reader (Rev. A) - Charcoal Gray , 5350-113-02		20	
Access Control	MDI	R15-20119	Classic cover, ProxPoint Plus Reader (Rev. B) - Charcoal Gray, 6005-111-04		20	
HID Access Control Card						
Access Control	MDI	R20-20110	ProxCard II Proximity Access Card (clam shell), (HID Model #1326)		10 (100 per box)	
Wire, Cable and Misc. Materials						
Wire	Various	22-6	500' 22 awg 6 conductor plenum rated cable (Access Control Systems)		6 (boxes)	
Wire	Various	22-4	500' 22 awg 4 conductor plenum rated cable		6 (boxes)	
Wire	Various	22-3	500' 22 awg 3 pair plenum rated cable (Access Control Systems)		6 (boxes)	
Wire	Various	16-2	500' 16 awg 2 conductor plenum rated cable (Access Control Systems)		6 (boxes)	
Wire	Various	22-2c	500' 22 awg 2 conductor plenum rated cable (Intercom System Cable)		6 (boxes)	
Wire	Various	CAT 5E	500' Category 5E plenum rated cable (Intercom System Cable)		6 (boxes)	
Wireless Equipment	Inovonics	EN 1261HT	Inovonics Wireless, PIR w/Transmitter		20	
Wireless Equipment	Inovonics	EN4216R	Inovonics Wireless, Supervised 16 zone Receiver		4	
Wireless Equipment	Inovonics	EN5040T	Inovonics Wireless Repeater		4	
Wireless Equipment	Altronix	AL624	Altronix, AL624, 1.0 Amp power supply		10	

Electronic Locking Hardware and Power Supplies					
Locks	HES	9600	HES Surface Mount Electronic Door Strike (Used with Panic Hardware)		10
Locks	HES	5000	HES Electronic Door Strike		5
Power Supply	Altronix	AL600ULXPD8	Altronix 6-amp Power Supply		5
Power Controller	Altronix	ACM-8	Altronix Access Power Controller		10
Locks	Sargent	8800-55/56	Sargent Electronic Crash Bar - 3' Crash Bar with Brushed Aluminum Finish		10
Power Supply	Sargent	3540	Sargent Dual Crash Bar Power Supply		2
Locks	VonDuprin	RXEL99EOUS28	VonDuprin Electronic Crash Bar - 3' Crash Bar with Brushed Aluminum Finish		2
Locks	VonDuprin	50070	VonDuprin Manual to Electronic Crash Bar Retrofit Kit		2
Locks	VonDuprin	50251	VonDuprin RX Switch		2
Power Supply	VonDuprin	PS914-2RS	VonDuprin Dual Crash Bar Power Supply		2
Power Supply	VonDuprin	PS914	VonDuprin Single Crash Bar Power Supply		2
Misc.	Lock Express	KDL38A	Electronic Crash Bar Door Loop Cord 18"		50
Security Sensors					
Security Sensor	Honeywell	DT7435T	Honeywell PIR Motion Detector		200
Intercom Equipment					
Intercom Equipment	Viking	C-2000B	Advanced Door/Gate and Entry Phone Controller		5
Intercom Equipment	Viking	E-30-EWP	Handsfree Speaker Phone with Dialer and Enhanced Weather Protection		5
Parts Warranty and Manufacturer Discounts					
Warranty			Extended Warranty - 1 Year		
Warranty			Extended Warranty - 2 Year		
Warranty			Extended Warranty - 3 Year		
Discount			Discount from Manufacturer list price (percentage)		

CCTV Parts Pricing

Device Type	Manufacturer	Model Number	Description	Each Prices	Extended Qty	Proposed Pricing
Legacy Honeywell Systems						
Camera	Honeywell	HD4D3S	Honeywell Mini Dome Color Camera		10	
Camera	Honeywell	HD4CHIPWK	Honeywell Mini Dome Wall Mount		2	
Camera	Honeywell	HD4MDIP	IP Color Mini Dome Camera		5	
Camera	Honeywell	HD54IP	IP Color Mini Dome Camera		5	
Power Supply	Altronix	ALTV2416	16 Camera 24VAC Power Supply		5	
Avigilon IP Camera Systems						
NVR	Avigilon	21.0TB-HD-NVR2	Avigilon NVR with 21-TB Storage		1	
NVR	Avigilon	15.0TB-HD-NVR2	Avigilon NVR with 15-TB Storage		1	
NVR	Avigilon	10.0TB-HD-NVR2	Avigilon NVR with 10-TB Storage		1	
IP Camera License	Avigilon	24C-ACC5-ENT	Avigilon 24-Channel Camera License		1	
IP Camera License	Avigilon	16C-ACC5-ENT	Avigilon 16-Channel Camera License		1	
IP Camera License	Avigilon	8C-ACC5-ENT	Avigilon 8-Channel Camera License		1	
IP Camera License	Avigilon	4C-ACC5-ENT	Avigilon 4-Channel Camera License		1	
IP Camera License	Avigilon	1C-ACC5-ENT	Avigilon Single Camera License		1	
Avigilon IP Camera Systems						
Camera	Avigilon	2.0-H3M-D01	Avigilon 2-MP Micro-Dome Camera		40	
Camera	Avigilon	1.0-H3M-D01	Avigilon 1-MP Micro-Dome Camera		20	
Camera	Avigilon	2.0-H3-D1	Avigilon 2-MP Indoor Dome Camera		5	
Camera	Avigilon	2.0-H3-D01	Avigilon 2-MP Outdoor Dome Camera		5	
Camera	Avigilon	2.0W-H3PTZ-DP20	Avigilon 2-MP PTZ Camera		1	
Network Cable	Not Specified	CAT 5E	5' CAT 5E Patch Cables 5' Length		50	
Misc	Not Specified	Misc.	Installation Materials Per Camera		10	

END OF SECTION

Section 5: Bond Initiative Upgrades and Installation Specifications and Pricing

Introduction

This section will provide more detailed instruction and specifications with regards to the equipment and installation required to complete the upgrades that are part of the District's Bond Initiative. The information contained in this section is separate from the day to day maintenance in the previous sections of this same document. The District may choose to award this portion of the proposal to the same or a different contractor based on the responses received. Proposing integrators should review all portions of this section to ensure they fully understand the District's requirements prior to submitting responses. The minimum qualifications listed in Section 1 will be used to evaluate integrators who submit proposals for this section also. This Section will be broken into several subsections in order to provide enough information for proper pricing. The District will be requesting sample pricing for the three different size campuses along with "each" pricing that will be used to adjust quantities as may be necessary from campus to campus. Please provide pricing on all line items or indicate why pricing was not provided as part of your proposal.

Subsection A: District Systems and Equipment Counts

Subsection B: Intrusion/Access Control Equipment and Installation Specifications

Subsection C: Video Surveillance Equipment and Installation Specifications

Subsection D: System Pricing Tables

Subsection E: Overall Project Pricing Table

Subsection A: District Systems and Equipment Counts

School Type	School Name	Panel Type	Panel Count	Motion Sensors	Access Control Doors	Exterior Doors (min)
01-Elem	Abbett	MDI / Legacy	1	17	6	28
01-Elem	Beaver	MDI / Legacy	1	40	7	30
01-Elem	Bradfield	MDI / Legacy	1	28	6	21
02-MS	Brandenburg	MDI / Legacy	2	32	9	32
01-Elem	Bullock	MDI / Legacy	2	77	6	29
02-MS	Bussey	MDI / Legacy	2	36	9	40
01-Elem	Carver	MDI / NLC	1	77	8	34
01-Elem	PAC (CBC)	MDI / Legacy	1	13	8	18
01-Elem	Centerville	MDI / Legacy	1	19	6	14
00-PreK	Cisneros	MDI / Legacy	1	22	9	30
01-Elem	Club Hill	MDI / Legacy	1	19	7	23
01-Elem	Cooper	MDI / Legacy	1	33	7	28
01-Elem	Couch	MDI / Legacy	1	27	11	34
02-MS	Coyle	MDI / Legacy	1	39	8	36
01-Elem	Daugherty	MDI / NLC	1	54	10	24
01-Elem	Davis	MDI / Legacy	2	45	8	30
01-Elem	Dorsey	MDI / Legacy	1	26	9	18
01-Elem	Ethridge	MDI / Legacy	1	34	6	23
01-Elem	Freeman	MDI / Legacy	1	16	9	33
03-HS	Garland High	MDI / Legacy	1	56	2	106
03-HS	Garland High	Galaxy	5	0	21	0
01-Elem	G.A.E.C	MDI / Legacy	1	8	4	10
01-Elem	Golden Meadows	MDI / Legacy	1	18	6	24
01-Elem	Heather Glen	MDI / Legacy	1	28	8	21
01-Elem	Herfurth	MDI / Legacy	1	21	6	27
01-Elem	Hickman	MDI / Legacy	1	33	8	32
01-Elem	Hillside	MDI / Legacy	1	20	6	14
02-MS	Hudson	MDI / Legacy	2	51	8	52
02-MS	Jackson	MDI / Legacy	2	53	8	49
01-Elem	Kimberlin	MDI / Legacy	2	54	6	19
01-Elem	Liberty Grove	MDI / NLC	1	74	8	34
01-Elem	Lister	MDI / Legacy	1	28	6	30
01-Elem	Luna	MDI / Legacy	1	35	7	28
02-MS	Lyles	MDI / Legacy	2	33	10	52
03-HS	North Garland	MDI / Legacy	4	134	10	50
03-HS	North Garland	MDI / NLC	1	29	2	0
01-Elem	Northlake	MDI / Legacy	1	30	6	30
02-MS	O'Banion	MDI / Legacy	2	61	9	39

00-PreK	Parson's PreK	MDI / Legacy	1	27	8	30
01-Elem	Pearson	MDI / Legacy	1	37	8	30
01-Elem	Roach Elem	MDI / Legacy	1	30	8	25
01-Elem	Rowlett Elem	MDI / Legacy	1	20	7	32
03-HS	Rowlett HS	MDI / Legacy	2	72	12	82
03-HS	Rowlett HS	MDI / NLC	1	25	2	0
03-HS	Sachse	MDI / Legacy	2	83	8	75
03-HS	Sachse	MDI / NLC	1	26	2	0
02-MS	Schrade	MDI / Legacy	2	39	10	49
02-MS	Sellers	MDI / Legacy	2	33	9	37
01-Elem	Sewell	MDI / Legacy	1	27	8	28
01-Elem	Shorehaven	MDI / Legacy	1	20	6	25
01-Elem	Shugart	MDI / Legacy	1	22	8	28
03-HS	South Garland	MDI / Legacy	3	87	12	87
01-Elem	Spring Creek	MDI / Legacy	1	21	8	28
01-Elem	Steadham	MDI / Legacy	1	37	7	25
01-Elem	Stephens	MDI / Legacy	1	32	8	25
01-Elem	Toler	MDI / Legacy	1	20	8	32
01-Elem	Vial	MDI / Legacy	1	27	8	26
01-Elem	Walnut Glen	MDI / Legacy	1	22	6	18
01-Elem	Watson	MDI / Legacy	1	37	6	18
01-Elem	Weaver	MDI / Legacy	2	54	10	25
02-MS	Webb	MDI / Legacy	1	49	9	33
01-Elem	Williams Elem	MDI / Legacy	2	59	7	28
TOTALS			86	2326	475	1928

END OF SECTION

Subsection B: Intrusion/Access Control Equipment and Installation Specifications

GENERAL

SCOPE

- Furnish and install, complete with all accessories, a new and functioning Access Control / Intrusion Alarm System from Galaxy for each campus listed in this proposal.
- The Contractor shall provide all materials, equipment, labor and all other incidental materials and appliances necessary, as described herein and in the drawings, to provide a complete turnkey and functional system, regardless of any materials and/or equipment not listed or described in this specification and/or supplementary drawings.
- The system will use the District WAN for any required connectivity.
- Refer to the owner provided drawings for all device locations.
- All components, to include cabling mounted above ceilings shall be approved for use in plenum spaces. Any cable plant run in an outside conduit will be rated for outside plant conditions.
- The installing contractor shall provide all necessary devices on the access control system, according to the installation instructions furnished with each product and as outlined in this proposal.
- The system will be monitored by District personnel in the proprietary monitoring station. The contractor will program the system to properly notify District personnel with specified information as requested by the owner in the proprietary monitoring station.
- Provide operational programming support as outlined in the specifications.
- Provide and install emergency notification buttons, door release buttons and install new Viking intercom stations at the main entry of each campus as per the documents.

SUMMARY

- The following is a summary of the Contractor's Responsibilities and Requirements. The following does not preclude other Contractor Responsibilities and Requirements listed in this RFP.
 - The contractor shall review the drawings provided and field conditions prior to the work beginning.
 - The Owner makes no representations as to the accuracy or completeness of the site information furnished to the Contractor by the Owner. It is the Contractor's sole responsibility to verify to its own satisfaction all site information.
 - The Contractor is responsible for having visited the site and ascertained pertinent local conditions such as location, accessibility, and character of the site or building, the character and extent of existing work within and adjacent to the site, and any other work being performed thereon at the time of the submission of his proposal. Any failure to do so will not relieve him from responsibility for successfully performing the work without additional expense to the Owner.
 - The Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Errors, inconsistencies or omissions discovered shall be reported to the Owner at once.
 - If in the performance of the Contract, subsurface, latent, or concealed conditions at the site are found to be materially different from the information included in the RFP and the resulting Contract Documents, or if unknown conditions of an unusual nature are disclosed differing materially from the conditions usually inherent in work of the character shown and specified, the Owner shall be notified in writing of such conditions before they are disturbed.
 - Before submitting its proposal to the Owner, and continuously after execution of the Contract, the Contractor shall carefully study and compare the contract document and shall at once report to the
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Owner any error, inconsistency or omission the Contractor may discover, including any requirements which may be contrary to any law, ordinance, rule, regulation or order of any public authority bearing on the performance of the Work. By submitting its proposal for the Contract and the Work, the Contractor agrees that the contract documents appear accurate, consistent, and complete insofar as can reasonably be determined. If the Contractor has reported in writing an error, inconsistency or omission, has promptly stopped the affected work until otherwise instructed, and has otherwise followed the instructions of the Owner, the Contractor shall not be liable to the Owner for any damage resulting from any such errors, inconsistencies or omissions in the contract documents. The Contractor shall perform no portion of the Work at any time without the Contract Documents and, where required, approved Project Drawings, Product Data or Samples for such portion of the Work.

- The Contractor shall perform the Work in accordance with the Contract Documents and submittals.
- The Contractor shall arrange for the securing of any and all necessary permits and pay for same. The contractor shall verify with the local city and/or municipality for any permits that may be required in this Work.

WARRANTY

- The Contractor warrants to the Owner that all materials and equipment furnished under this contract document will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the contract documents. All Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.
- The Contractor warrants the materials, workmanship and work to be in conformance with the Contract Documents included in this Project, for one full year from date of Acceptance unless a longer warranty or special guarantee is specified. Contractor shall assign to Owner all warranties and guarantees from or rights against any manufacturer, supplier or distributor of equipment, fixtures and other material installed in or incorporated in the Work at the time of Acceptance by owner.
- The Warranty binds the Contractor to correct any work that does not conform to such Contract Documents or any defects in workmanship or materials furnished under this Contract which may be discovered within the one year period. The Contractor shall, at its own expense, correct such defect after receiving notice from the Owner by repairing same to the condition called for in the Contract Documents.
- Contractor shall warrantee the repaired/replace item for one year from date of repair/replacement. This warranty shall cover parts, labor, travel and all other expenses.
- All replacement, installation, integration, maintenance and testing provided in conjunction with the warranty provisions of such contract will be provided at no additional cost to the Owner.
- Warranty service shall be on a 24-hour/day, 365-day/year basis with a response time not to exceed four (4) hours. The respondent shall certify that its proposed service facility shall initiate, within 1 business day, on-site repair to any critical system product that fails while under warranty.

SERVICE UNDER WARRANTY

- If it becomes necessary for the Owner to contract out for warranty repairs, due to an inability or failure of the Contractor to perform such repairs, the Contractor shall reimburse the Owner for all invoices for parts, labor, materials, travel, per-diem, and all other related expenses such as shipping/handling costs to perform such repairs, within 30 days from presentation of an invoice from the Owner.
 - This shall only occur after the Contractor has been given reasonable time and fair opportunity of two (2) calendar days to respond and correct the problem. The cost limitation for such repairs will not exceed the actual costs as listed above which are directly related to the repair.
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MATERIAL AND WORKMANSHIP

- The Contractor shall provide and pay for all materials, supplies, machinery, equipment, tools, superintendence, labor, services, insurance, and all water, fuel, transportation, and other facilities necessary for the execution and completion of the work covered by the Contract Documents.
- Unless otherwise specifically provided in this Contract, all equipment, material, and articles incorporated in the work covered by this Contract are to be new and of the most suitable grade for the purpose intended.
- All work under this Contract shall be performed in a skillful and professional manner. The Contractor agrees to employ only orderly and competent employees, skillful in the performance of the type of work required under this contract; and agrees that whenever informed by the Owner in writing that any employee(s) on the work is (are), in its opinion, incompetent, unfaithful or disorderly, shall be discharged from the work and shall not again be employed on the work without the Owner's written consent.
- Materials or work described in words, which so applied, have a well-known technical or trade meaning shall be held to refer to such recognized standards. Neither custom nor usage of trade shall require the Owner to accept materials or workmanship not in strict and complete compliance with the Contract Documents.

REFERENCES

- ANSI/TIA/EIA 569 - Commercial Building Standard for Telecommunications Pathways and Spaces
- ANSI/TIA/EIA 862 – Building Automation Systems (BAS)
- ANSI/TIA/EIA 606-A – Administration Standard for Commercial Telecommunications Infrastructures
- International Standards Organization/International Electro technical Commission (ISO/IEC) DIS 11801,
- ANSI/TIA/EIA 862 – Building Automation Systems Cabling Standard for Commercial Buildings.
- ANSI/TIA/EIA 568-B
- International Standards Organization (ISO) 7816
- Underwriters Laboratories (UL®) Cable Certification and Follow up Program
- National Electrical Manufacturers Association (NEMA)
- American Society for Testing Materials (ASTM)
- National Electric Code (NEC®), Latest Issue
- Institute of Electrical and Electronic Engineers (IEEE)
- UL Testing Bulletin

QUALIFICATIONS

- Acceptable Manufacturer
 - The following manufacturer's systems will be acceptable for this project:
Galaxy Control Systems
3 North Main Street
Walkersville, MD 21793-0158
1-800-445-5560
www.galaxysys.com
 - Contractor
 - The installing security contractor shall provide proof from the specified manufacturer that they are an authorized integrator for the products proposed in this solution.
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- The contractor will utilize the authorized manufacturer components and distribution channels in provisioning this Project. Contractors must be prepared to submit authorized manufacturer factory training certificates.
 - The proposed contractor will have a minimum of three (3) years of recent experience with the proposed manufacturer's products.
 - Preferred contractor will have a minimum of five (5) years' experience with the design, installation and project management of access control / intrusion alarm systems.
 - The preferred contractor will have a minimum of five (5) years of access control / intrusion alarm installation experience with K-12 schools in Texas.
 - The contractor will comply with all federal, state and local statutes regarding qualifications of firms.
 - The contractor will have adequately trained personnel in the usage of such tools and equipment and will provide a quantity of certified technicians as part of their submittal response.
 - The contractor must have previously established offices located within 120 miles of the District Administration Building.
 - The contractor shall provide proof of licensing by the Texas Board on Private Security run by the Department of Public Safety.
 - The Contractor shall not have any grievances or complaints of record regarding workmanship, code compliance or service response. A Contractor that has any prior finding(s) of a license violation or has any litigation in process is unacceptable.
 - The District reserves the right to reject bid of any bidder who has previously failed to perform properly, or complete on time, contracts of a similar nature.
 - Subcontractors
 - Subcontractors are not approved for this project.

SUBMITTALS AND CLOSE OUT DOCUMENTS

- Provide product data cut sheets for all listed products specified:
 - Provide electronic copies in pdf format.
 - Shop drawings are required for the submittal package and will contain the following information:
 - Identify the location of each device as per the drawings to include all door contacts, motion sensors, access control panels, and other devices associated with the access control / intrusion systems.
 - Each device shall be labeled as per the direction of the OWNER representative.
 - Title blocks used on all drawings will be that of the contractor and shall include the following:
 - Company name,
 - Company address and phone number for service.
 - Provide manufacturer cut sheets for each piece of equipment specified. Include the manufacturer name, model number and description of each listed component.
 - If the data sheet includes multiple part numbers or models the bidding contractor will indicate which particular model is being submitted by marking the appropriate model number with an "X" or an arrow.
 - Provide a copy of current manufacturers certifications for the company and for all personnel who will provide services on this project.
 - No portion of the work shall commence or equipment ordered until the OWNER has approved the submittals.
 - Closeout Submittals will be submitted to the OWNER with the following provisions.
 - Maintenance Data: Include manufacturers' operating instructions, original copies of all software, recommended maintenance required and maintenance intervals.
 - A complete parts list.
 - A spreadsheet containing the following information about the system:
 - Panel Name (Coordinate with OWNER representative)
 - IP Address (Obtained from Owner representative)
 - MDF or IDF room that the panel originates in as per the design documents.
 - Port number of the patch panel the panel is connected to
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- Port number of the switch the panel is connected to. (Obtained in coordination with OWNER representative)
 - Record drawings shall show the following:
 - Identify the accurate location of each device as it appears inside the building. Devices shall include all door contacts, motion sensors, access control panels, and other devices associated with the systems.
 - Each device shall be labeled as per the direction of the OWNER representative.
 - Show all cable pathways.
 - Provide panel elevation details that match the outline left in each panel location as described in section two of this specification.
 - Drawing documentation will be in the following format:
 - Two (2) electronic copies on USB flash drives.
 - Drawings will be in both CAD (DWG) and PDF format and the contractor will include all files on each drive.
 - Do not use the color yellow in any digital drawing format.
 - Drawings shall be provided to the Owner two weeks prior to the installation of the District active network equipment. Coordinate with the Owner during the pre-construction meeting for low voltage contractors to schedule this delivery date.
 - The drawings will be reviewed on site with the Owner prior to the final acceptance process. Drawings rejected for any reason will delay the final acceptance process until resolved.
 - A completed record drawing will be required for use during the final acceptance process of the construction project. Failure to produce the record drawing during this process will result in a delay in the final acceptance to the District.

PROJECT CONDITIONS

- Project Environmental Requirements
 - Comply with requirements of referenced standards and recommendations of material manufacturers for environmental conditions before, during, and after installation.
 - Do not begin installation until instructed to perform by the district construction manager.
 - While on campus or on any land owned by the Owner all contractors will comply with Owner policies concerning alcohol, tobacco and firearms as well as any other Owner policy governing dress, behavior etc.
 - Contractor will meet all insurance and other requirements of the Owner during this project.
 - Owner approved badges will be displayed at all times while on site. Personnel found without their badges on them or who refuse to display them properly will be removed from the job site immediately. Reference the project specifications for all information pertaining to OWNER badging requirements.

DELIVERY, STORAGE AND HANDLING

- Comply with requirements of the delivery storage and handling specification sections in the project specification book.
- Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- Store materials protected from exposure to harmful environmental conditions and at temperature conditions recommended by manufacturer.
- Handle products and systems in accordance with manufacturer's instructions.

PRODUCTS

CONTROL AND NETWORK CABLES AND PATHWAYS

- Owner shall provide and install a data drop to the each Galaxy panel. The security contractor will install and connect cabling from the Galaxy panel to each field device (motion sensor or access door) as shown on the technology drawings.
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- Door release buttons and emergency alarm buttons shall also be wired back to the nearest controller. Any additional wiring that may be required to make this system a complete and functioning system shall be provided and install by the security contractor.
 - Pair counts and wire gauge must meet the approved manufacturer's specifications based upon the distances and power level required.
 - Nylon tie wraps are not permitted at any time on this project. All pathway areas shall be secured by the contractor with Velcro tie wraps to secure cable bundles.
 - All above ceiling cabling installed for this system will be supported with j-hooks secured to the building structural steel, walls, or by dedicated all thread rods or dedicated grid wire. Contractor will not share pathways with any other low voltage structured cable plant.
 - Contractor will not secure j-hooks to the ceiling grid wire for any reason. Grid wire may be used to support independent j-hooks providing it is properly secured to the building structure. J-hooks will be spaced 48" - 60" apart.
 - Cable pathways will not touch or rest or be secured to ducts, pipes, or other utilities found in the overhead ceiling. Pathways not conforming to these requirements will be replaced or repaired by the contractor immediately at the consultant's discretion.
 - Any cables showing signs of excessive bending or mishandling that result in damage to the cable jacket will be replaced at contractor's cost.
 - Cables will be installed for a plenum environment.
 - The contractor will use their own sleeves as needed to penetrate any walls and will fire stop the sleeves to meet all applicable codes. It will be the contractor's responsibility to plan for any such penetrations. Wiring run through any penetration without a proper sleeve will be removed and replaced at the contractor's expense. All sleeves shall require white plastic bushings on each end of the sleeve. Contractors installing cabling in conduit sleeves without bushings shall replace the entire pathway. Split bushings shall not be accepted for any reason.
 - Conduit pathways shall be provided and installed by an electrical contractor in all door frames shown on the drawings. The owner will not accept any exposed wiring for any reason below the ceiling. Coordinate all pathway rough in with the site general contractor and electrical contractor prior to the rough in and installation of the door frames. Bushings shall be provided and installed by the electrical contractor in all cases where the electrical contractor provides the conduit pathway or sleeves.

SECURITY SYSTEM PANEL

- Locate the system panel at the locations shown by the Owner. This will be a replacement of an existing system and will reuse existing wires and field devices unless specified.
- Acceptable manufacturer: Galaxy Security Systems Model 635 Input Module
- Size the panel based on the number of card readers, motion sensors and audible alarm requirements based on these specifications and as shown on the plans.
- Panel can communicate over standard analog communications or via the GISD LAN/WAN. The contractor will specify which communication solution will be provided with the system.
 - Contractor shall provide the network communication module and the plug in communicator interface along with the required power supplies and additional expansion modules as needed. Provide cellular communication modules as required for owner monitoring service.

DOOR HARDWARE POWER SUPPLIES

- Contractor shall provide and install a dedicated power supply to support the door hardware from the nearest specified by the Owner.
 - The contractor shall be responsible for sizing the wire gauge to carry the proper amount of power from the power supply to the door and will connect the wiring to the door hardware utilizing the
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conduit pathways installed by the electrical contractor and the EPT devices installed by the door hardware contractor.

AUXILIARY POWER SUPPLY

- Provide as required auxiliary power supply(s) and battery backup, U.L. Listed and labeled for access control systems.
- Provide low battery reporting as part of the system programming. Standby battery operation time shall equal, or exceed, the standby operation time of the main panel; in any case, provide a minimum of 12 amp hours battery backup.
- Provide the manufacturers specified cabinet for all equipment being installed.
- All cables will route via conduit pathways connecting the main power supply to the main alarm panel location. Placement of this sleeve is the responsibility of the access control contractor.
- Electrical Contractor shall provide power through a 120 VAC, 20-ampere breaker from spares scheduled in nearest panel.
- All electrical wiring shall be done on terminal strips – no wire nuts or caps are permitted at any time on any panel.
- Manufacturer/Model: Provide Altronix power supplies, or approved equivalent.
- Label the location of the circuit and electrical panel supporting the power supply inside the power supply cabinet and inside the access control cabinet.

DOOR HARDWARE

- All door hardware shall be provided and installed by the door hardware contractor. Reference the door hardware specifications for more information.
- The access control contractor shall review the door hardware schedule and compare all device locations on the plans with the schedule. Report any conflicts to the Architect immediately. The drawings shall take precedence over any door hardware specification discrepancies concerning the function of the door in regards to the access control system.

DOOR POSITION SWITCHES

- Contractor shall provide and install new flush mount door contacts in the top of all new door frame locations as shown on the plans. All contacts will either be painted to match jam color or not painted at all. Coordinate activities with general contractor and the painter prior to installation.
- Flush Mount Door Position Switches - Acceptable Manufacturer: GE Sentrol 7800 or equal.
- Door Position switches shall be wired in series on designated sets of doors, so that each set of doors opening into a single area will act as one door, and come back to a single portal in the access control panel.

EMERGENCY ALARM STATION

- Contractor will provide and install one serial receiver kit, one fixed wireless transmitter and four wireless transmitters at the receptionist area on each campus. Coordinate final location with GISD prior to installation.
 - Emergency Alarm Station will be routed to an alarm point in the Galaxy Panel and to an Input on the public address system so that when a button is pressed both a single is sent to the GISD Dispatch and a recording is played via the public address system.
 - Acceptable base station receiver and transmitter manufacturer will be Inovonics model # EN4216MR.
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- Contractor will program and make functional an Inovonics Receiver EN4216MR Kit, one EN 1235S Fixed Wireless Transmitter and four wireless transmitters #EN1223S at each campus.

CARD READERS

- Acceptable manufacturer: HID Multiclass Reader
 - Readers shall be equipped with pigtail terminations.
 - Reader shall fit a single gang back box for mounting to walls or other exterior surfaces.
 - Readers will not require a keypad.
- The electrical contractor shall provide and install the conduit and single gang back box pathways at each reader location.
- The security contractor shall seal all exterior mounted reader locations with a clear UV resistant sealant to prevent insect or water damage.
 - Silicon will dry clear and must be UV resistant.
- Route the wiring to the nearest access control panel in a contractor provided pathway.

MOTION SENSORS

- Contractor shall provide and install motion detectors in all ground floor hallways, common area locations and administration areas.
- Contractor will provide motion detectors designed for false alarm prevention and reliability using digital signal analysis for consistent detection throughout the coverage pattern with digital temperature compensation, Multi-Level Signal Processing and sensitivity adjustment to configure the detector for normal or hostile environments.
- Provide mounting brackets as required.
- Ceiling mounted devices will not depend on the ceiling tiles for support.
- Detectors will be positioned so that movement outside the building will not trip false alarms.
- Acceptable manufacturer: Honeywell DT-8035/DT-8050

AUDIO INTERCOM STATION

- Contractor will reference the Technology drawings to coordinate the location of the Viking intercom stations. The contractor shall add a new SRC-1 Secure Relay Controller, a C-2000B Entry Phone Controller and two E-30-EWP Door Stations to each campus.
- Each Viking box will be cabled to the nearest MDF/IDF where the Galaxy System is installed and connected to the Galaxy System and building telecommunication wiring.
- An Owner specified cordless telephone with 3 cordless handsets, expandable to 5 cordless handsets.
- The security contractor will be required to provide and install a new Viking system at each campus at the locations shown, test and operate the system a minimum of five times in the presence of the owner and consultant from each station location. The electrical contractor will be required to provide the needed pathways for installation.

PRIMARY SERVER DATABASE AND PROGRAMMING REQUIREMENTS

- The Galaxy access control server is currently located in the District Services Center.
 - The System Galaxy software will be 10.4.1, or newer and must be coordinated with the District.
 - Include any licensing requirements or fees for all device components added to the existing system.
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- Programing any new panels as needed to interface new devices with the District Access Control System.
 - Program each panel and program into the GISD network. All necessary IP addresses and VLAN configuration will be provided by GISD Technology.
 - Programing all required inputs, outputs, card readers, locks, card reader groups, portal group's access levels, time schedule and time schedule group's along with any other programing to provide a complete identical working system with current GISD system.
 - All devices labeling, and all nomenclature will be identical to existing Galaxy system administration.
 - During programing the existing system will be the standard of programing, all programing of new systems will be identical to the current standards of the GISD system. Coordinate with the Owner's Technology and Security Departments on all programming requirements.

 - Floor Map icons will be programmed in such a way as to identify the following conditions at each monitored door:
 - Forced door
 - Door held open

 - It will be the responsibility of the access control contractor to obtain the electronic copies of the floor plans from the Owner for the creation of the campus map.

TRAINING ON ACCESS CONTROL SYSTEM

- Not required for this project.

EXECUTION

INSTALLATION

- Components of the system will be installed in a neat, professional manner.
- Wiring color codes will be strictly observed and terminations will be uniform throughout the system.
- Identification markings and systems will be uniform.

SPECIAL REQUIREMENTS FOR CABLE ROUTING AND INSTALLATION

- Cabling
 - All cabling used throughout this project will comply with the requirements as outlined in the National Electric Code (NEC®) Articles 725, 760, 770, and 800 and the appropriate local codes.
 - All copper cabling will bear the appropriate markings for the environment in which they are installed.
 - Cabling shall be supported with continuous supports, J-hooks, spaced 48-60" apart. Secure J-hooks to building structure, all thread or a dedicated grid wire. Do not support pathways from existing trades such as plumbing, fire suppression or HVAC. Do not hang wiring off of electrical conduits or all the wiring to touch any other device, trade, structure of the building etc.

 - Fire Stopping
 - Fire stopping equipment and practices will comply with applicable national and local codes.
 - Sealing of openings between floors, through rated fire and smoke walls, existing or created by the Contractor for cable pass through will be the responsibility of the Contractor.
 - Sealing material and application of this material will be accomplished in such a manner, which is acceptable to the local fire and building authorities having jurisdiction over this work.
 - Creation of such openings as are necessary for cable passage between locations as shown on the drawings will be the responsibility of the Contractor's work.
 - Any openings created by or for the Contractor and left unused will also be sealed as part of this work.
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- Contractor Responsibility
 - The Contractor will be responsible for damage to any surfaces or work disrupted because of this work. Repair of surfaces, including painting, will be included as necessary.
 - The Contractor will rectify damaged caused at the Contractor's sole expense.

TESTING WARRANTY SERVICES

- A factory-trained representative of the manufacturer shall supervise the final connections and testing of the system and it shall be subject to the final acceptance of the Owner.
- The access control contractor shall make a thorough inspection of all device locations to insure the following:
 - Confirm all devices are properly located and connected as per the technology drawings, construction specification documents and manufacturer's best practices or installation instructions for a complete and functional system.
- The Contractor shall provide a warranty of the installed system against defects in material or workmanship for a period of one (1) year from the date of substantial completion. Any equipment shown to be defective shall be replaced, repaired, or adjusted free of charge. All labor and materials shall be provided at no expense to the Owner. All equipment will carry a one-year warranty or manufacturers warranty whichever is greater.

MISCELLANEOUS EQUIPMENT

- The Contractor will provide any necessary consumable materials and support hardware necessary to facilitate the installation of the System.

LABELING

- System components and wiring shall be comprehensively labeled.
 - All labels shall be machine generated.
 - Handwritten labels are not acceptable.

TECHNICAL SUPPORT

- On site move day support
 - Contractor will provide technical support on per/hour basis at such levels and at such times as Garland ISD deems necessary during the physical move to the site.
- The personnel providing technical support will:
 - Have thorough and in-depth knowledge of the System and Materials that were used as well as have direct project experience.
 - Be skilled in all use of equipment and materials used under the Contract.
 - Be competent to troubleshoot and fix problems associated with Contractor provided materials.

FINAL ACCEPTANCE

- The integrator will perform on-going reviews of all work for compliance with the contract documents with a representative from the Owner. All work will be performed in a high quality manner and the overall appearance will be clean, neat and orderly.
 - The following is a partial list of items that will be examined and will comply satisfactorily in all instances during the final acceptance process.
 - Is the cable plant properly installed as per these specifications?
 - Do all pathway methods and materials meet GISD established pathway standards as well as EIA/TIA-569 and 862?
 - Are all pathway penetrations properly fire stopped?
 - Is all labeling inside the control panels machine generated?
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- Has the floor plan been set up in the access control system and does it show all card reader locations as requested?
 - Confirm the successful operation of the door release button in the receptionist desk area.
 - Confirm the function of the door release and alarm button functions.
 - Verify all REX devices are operational and functioning within the system.
 - Verify function of all motion detection. Verify no false alarms through movement along the exterior windows.
 - Verify all proximity readers are correctly operating and reporting.
 - Has the system been programmed with all the features requested by the District?
 - Have all record drawings and deliverables been transmitted to GISD through and approved by the architect?

• END OF SECTION

Subsection C: Video Surveillance Equipment and Installation Specifications

GENERAL

SCOPE OF WORK

- Provide and install a new surveillance system to include all new surveillance cameras, mounts, licensing and programming compatible with Avigilon video management system and storage servers for the Garland Independent School District.
- The Contractor shall provide all materials, equipment, labor and all other incidental materials and appliances necessary, as described herein and in the drawings, to provide a complete turnkey and functional system, regardless of any materials and/or equipment not listed or described in this specification and/or supplementary drawings for each campus.
- Refer to the Owner provided drawings for all camera device locations.
- The installing contractor shall provide all necessary hardware required to install every piece of the video surveillance system, according to the Installation Instructions furnished with each product.
- Cabling for the network drop at each camera location shall be provided by a District wiring contractor for all interior and exterior camera locations.
- The installing contractor will provide the patch cable from the network drop to the camera and also make all wall penetrations necessary for external cameras.
- All additional cabling required for the successful operation of the exterior cameras shall be the responsibility of the surveillance contractor.
- The District will provide the data network hardware. All data hardware will be capable of providing a minimum of 802.3AF, Power over Ethernet (PoE).

FUNCTIONAL REQUIREMENTS OF THE SURVEILLANCE SYSTEM

- The system must be able to report the programmed alarm events through various means of communication including email, SMS Text and through the client software.
- The system will be required to record images based on criteria established in the specifications for all interior and exterior camera locations.
- The system will utilize a structured cable plant installed by others. All surveillance devices will be required to operate on the data network.
- The system will be capable of recording and storing a minimum of the previous 30 days with all cameras set to record on motion events only.

SUMMARY

- The following is a summary of the Contractor's Responsibilities and Requirements. The following does not preclude other Contractor Responsibilities and Requirements listed in this RFP.
 - Review of Contract Documents and field conditions by Contractor prior to the Work.
 - The District makes no representations as to the accuracy or completeness of the site information furnished to the Contractor by the District and does not expressly or impliedly warrant same and is not responsible for any interpretations or conclusions reached by the Contractor with respect thereto. *It is Contractor's sole responsibility to verify to its own satisfaction all site information.*
 - The Contractor is responsible for having visited the site and ascertained pertinent local conditions such as location, accessibility, and character of the site or building, the character and extent of existing work within and adjacent to the site, and any other work being performed thereon at the
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time of the submission of his proposal. Any failure to do so will not relieve him from responsibility for successfully performing the work without additional expense to the District.

- The Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Errors, inconsistencies or omissions discovered shall be reported to the District at once.
- If in the performance of the Contract, subsurface, latent, or concealed conditions at the site are found to be materially different from the information included in the RFP and the resulting Contract Documents, or if unknown conditions of an unusual nature are disclosed differing materially from the conditions usually inherent in work of the character shown and specified, the District shall be notified in writing of such conditions before they are disturbed.
- Before submitting its proposal to the District, and continuously after execution of the Contract, the Contractor shall carefully study and compare this RFP and shall at once report to the District any error, inconsistency or omission the Contractor may discover, including any requirements which may be contrary to any law, ordinance, rule, regulation or order of any public authority bearing on the performance of the Work. By submitting its proposal for the Contract and the Work, the Contractor agrees that the RFP and resulting Contract Documents appear accurate, consistent, and complete insofar as can reasonably be determined. If the Contractor has reported in writing an error, inconsistency or omission, has promptly stopped the affected work until otherwise instructed, and has otherwise followed the instructions of the District, the Contractor shall not be liable to the District for any damage resulting from any such errors, inconsistencies or omissions in this RFP and resulting Contract Documents. The Contractor shall perform no portion of the Work at any time without the Contract Documents and, where required, approved Project Drawings, Product Data or Samples for such portion of the Work.
- The Contractor shall perform the Work in accordance with the Contract Documents and submittals.
- The Contractor shall arrange for the securing of any and all necessary permits and pay for same.

WARRANTY

- The Contractor warrants to the Owner that all materials and equipment furnished under this RFP will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the RFP. All Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.
 - The Contractor warrants the materials, workmanship and work to be in conformance with the Contract Documents included in this Project, for one full year from date of Acceptance unless a longer warranty or special guarantee is specified. Contractor shall assign to Owner all warranties and guarantees from or rights against any manufacturer, supplier or distributor of equipment, fixtures and other material installed in or incorporated in the Work at the time of Acceptance by owner.
 - The Warranty binds the Contractor to correct any work that does not conform to such Contract Documents or any defects in workmanship or materials furnished under this Contract which may be discovered within the one year period. The Contractor shall, at its own expense, correct such defect after receiving notice from the Owner by repairing same to the condition called for in the Contract Documents.
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- Contractor shall warrantee the repaired/replace item for one year from date of repair/replacement. This warranty shall cover parts, labor, travel and all other expenses.
 - All recall notices occurring during the manufacturer's warranty period will automatically be forwarded to the client.
 - All recall notices occurring after the expiration of the manufacturer's warranty will be forwarded to the client for a period of 2 years after the warranty expires.
 - The Contractor warrants to the District that all materials and equipment furnished under this RFP will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the RFP. All Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the District, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.
 - The Contractor warrants the materials, workmanship and work to be in conformance with the Contract Documents included in this Project, for one full year from the approved substantial completion date unless a longer warranty or special guarantee is specified. Contractor shall assign to Owner all warranties and guarantees from or rights against any manufacturer, supplier or distributor of equipment, fixtures and other material installed in or incorporated in the Work at the time of Acceptance by owner.
 - The Warranty binds the Contractor to correct any work that does not conform to such Contract Documents or any defects in workmanship or materials furnished under this Contract which may be discovered within the one year period. The Contractor shall, at its own expense, correct such defect after receiving notice from the District by repairing same to the condition called for in the Contract Documents.
 - Contractor shall warrantee the repaired/replace item for one year from date of repair/replacement. This warranty shall cover parts, labor, travel and all other expenses.
 - All replacement, installation, integration, maintenance and testing provided in conjunction with the warranty provisions of such contract will be provided at no additional cost to the District.
 - The Storage and management servers proposed by the contractor will have a manufactures warranty of 3 years from the approved final acceptance date.
 - Warranty service shall be on a 365-day/year basis with a response time not to exceed four hours. The respondent shall certify that its proposed service facility shall initiate, within 1 business day, on-site repair to any critical system product that fails while under contractor warranty.
 - If it becomes necessary for the District to contract out for warranty repairs, due to an inability or failure of the Contractor to perform such repairs, the Contractor shall reimburse the District for all invoices for parts, labor, materials, travel, per-diem, and all other related expenses such as shipping/handling costs to perform such repairs, within 30 days from presentation of an invoice from the District. This shall only occur after the Contractor has been given two (2) calendar days to respond and correct the problem. The cost limitation for such repairs will not exceed the actual costs as listed above which are directly related to the repair.
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MATERIAL AND WORKMANSHIP

- The Contractor shall provide and pay for all materials, supplies, machinery, equipment, tools, superintendence, labor, services, insurance, and all water, fuel, transportation, and other facilities necessary for the execution and completion of the work covered by the Contract Documents.
- Unless otherwise specifically provided in this Contract, all equipment, material, and articles incorporated in the work covered by this Contract are to be new and of the most suitable grade for the purpose intended.
- All work under this Contract shall be performed in a skillful and professional manner. The Contractor agrees to employ only orderly and competent employees, skillful in the performance of the type of work required under this contract; and agrees that whenever informed by the District in writing that any employee(s) on the work is (are), in its opinion, incompetent, unfaithful or disorderly, shall be discharged from the work and shall not again be employed on the work without the District's written consent.
- Materials or work described in words, which so applied, have a well-known technical or trade meaning shall be held to refer to such recognized standards. Neither custom nor usage of trade shall require the District to accept materials or workmanship not in strict and complete compliance with the Contract Documents.

QUALIFICATIONS

- The District standard for the video management system is Avigilon.
 - The installing company shall be an authorized dealer of Avigilon equipment.
 - Contractor
 - Bidders who do not currently possess the necessary qualifications, trained and experienced personnel, financial capacity, current state licenses (as required by the Texas Department of Public Safety Private Security Bureau), and meet the other requirements herein described may be disqualified.
 - The security integrator, as a business entity, shall be an authorized and designated representative/Dealer of the equipment used in this specification, with full warranty privileges, and shall have been actively engaged in the business of selling, installing, and servicing surveillance systems for a period of at least three (3) years.
 - The security integrator as a company shall have successfully installed a minimum of two similar-sized systems that are currently operating to the District's satisfaction.
 - All employees working on the project must have at least 12 months of continuous hands on experience in the installation of surveillance systems and have the technical skill to trouble shoot and identify and correct problems.
 - The security camera contractor must have previously established offices located within two hundred (200) miles of the District Administration Building staffed with trained technicians who are qualified and licensed to supervise the installation, to be responsible that the system is installed as submitted, to conduct system start-up and perform a 100 percent operational audit of all installed devices, to instruct the District's representatives and the local authority having jurisdiction in the proper operation of the system, and to provide services throughout the warranty period.
 - The contractor will be in compliance with all federal, state and local statutes regarding qualifications of firms.
 - The Contractor shall not have any grievances or complaints of record regarding workmanship, code compliance, or service response. A Contractor that has any prior finding(s) of a license violation or has any litigation in process is unacceptable.
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- The Contractor shall employ full-time local technicians and installers. The equipment manufacturer shall maintain a full-time factory employed service staff for product support and service. All contractor programmers must have 12 months of programming experience with the proposed solution.
 - The District reserves the right to reject the bid of any contractor who has previously failed to perform properly, or complete on time, contracts of a similar nature.
 - Subcontractors
 - Unqualified bidders may not partner with a qualified bidder for any reason.

SUBMITTALS AND CLOSE OUT DOCUMENTS

- Provide four copies of submittals, one master and three copies, with the following information:
 - Provide product data cut sheets for all listed products to be installed as part of this project:
 - Shop drawings are required for the submittal package and will contain the following information:
 - Location of all camera devices.
 - Include camera naming of all camera locations. Coordinate with the District Technology Department prior to naming any camera locations.
 - Identify the type of camera by its Manufacturer and Model along with the camera name.
 - Title blocks used on all drawings will be that of the contractor and shall include the following:
 - Company name,
 - Company address and phone number for service.
 - Provide an Excel spreadsheet containing the following information:
 - Campus Name
 - Camera Name (as coordinated with the District Security Department)
 - Camera Manufacturer and Model
 - IP Address (as obtained from the District Security Department)
 - MAC address of each camera (obtained from the manufacturer)
 - All IP addresses shall be assigned to the cameras in numerical and sequential order. Do not leave gaps in the sequences for any reason.
 - The District requires all MAC addresses prior to installation. (Cameras, servers, etc. with MAC addresses need IP addresses assigned prior to installation.) Submit this information through the general contractor to the attention of the District Technology Director prior to the transmittal of the submittal documents.
 - MDF or IDF room where the cable drop shall originate – coordinate with the Owner.
 - Switch port in the MDF or IDF room where the camera shall plug into. Coordinate this with the District Security Department.
 - Provide manufacturer cut sheets for each piece of equipment specified. Include the manufacturer name, model number and description of each listed component.
 - *If the data sheet includes multiple part numbers or models the bidding contractor will indicate which particular model is being submitted by marking the appropriate model number with an "X" or an arrow.*
 - Provide the actual total video storage to be provided by the contract as per the specifications and manufacturer guidelines on the cut sheet for the servers.
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- Provide a copy of current camera or software manufacturer certifications.
- No portion of the work shall commence or equipment ordered until the Owner has approved the submittals.
- Closeout Submittals will be submitted under the following provisions:
 - Maintenance Data: Include manufacturers' operating instructions, original copies of all software, recommended maintenance required and maintenance intervals.
 - A complete parts list.
 - Record drawings will provide all final camera locations and or viewing directions and their assigned nomenclature including the following information:
 - Identify the type of camera by its Manufacturer and Model
 - Identify the camera name determined through coordination with the District Technology Department.
 - Title blocks used on all drawings will be that of the contractor and shall include the following:
 - Company name,
 - Company address and phone number for service.
 - Date on the drawings will match the date of acceptance for warranty purposes.
 - PDF formats on the CD.
 - The drawings shall accurately reflect all changes and additions to the surveillance system since the bid.
 - Upon approval by the Owner and the architect, the contractor will then submit the hard copy drawings with any changes that may be required by the owner.

PROJECT CONDITIONS

- Comply with requirements of referenced standards and recommendations of material manufacturers for environmental conditions before, during, and after installation.
- Do not begin installation until instructed to perform by the district construction manager.
- While on campus or on any land owned by The District all contractor will comply with District policies concerning alcohol, tobacco and firearms as well as any other District policy governing dress, behavior etc.
- Coordinate with the District Security Department in obtaining all the required IP addresses.
- District approved badges will be displayed at all times while on site. Personnel found without their badges on them or who refuse to display them properly will be removed from the job site immediately.

DELIVERY, STORAGE AND HANDLING

- Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- Store materials protected from exposure to harmful environmental conditions and at temperature conditions recommended by manufacturer.
- Handle products and systems in accordance with manufacturer's instructions.
- Contractor is required to remove all empty containers and other trash associated with the system. This includes all packaging, excess cable and other materials that hold no value to the District.

PRODUCTS

GENERAL

- Only equipment devices have been shown on the contract drawings. For the purposes of clarity, specific wiring between equipment has not been shown.
- All equipment and components shall be installed in strict compliance with manufacturers' recommendations and the requirements of the components UL listing. Consult the

manufacturer's installation manuals for all wiring diagrams, schematics, electrical requirements, cable types, and physical equipment sizes, etc., before beginning system installation. Refer to the manufacturers' riser / connection diagrams for all specific system installation / termination / wiring data.

- All equipment and components shall be new, and the manufacturer's current model. All like devices shall be of the same manufacturer and model number.
- All equipment shall be attached to walls and ceiling/floor assemblies and shall be held firmly in place. Cameras shall not be supported solely by suspended ceiling tiles. Fasteners and supports shall be adequate to support the required load.

MANUFACTURERS

- Descriptions and details, acceptable manufacturers' names listed and specific manufacturer and model number items indicated in the plans and specifications shall establish a standard of quality, function and design.
- Manufacturers and model numbers shall not be substituted without specific notice in an addendum or other formal documentation process. Otherwise, where a specific manufacturer's product is indicated, products of other manufacturers listed as acceptable may be submitted for approval based on the substitute product being, in the opinion of the District, of equivalent or better quality than that of the product specified.
- Acceptable VMS Manufacturer: Avigilon
- Acceptable Camera manufacturer: Avigilon 2.0-H3M-DO1 2MP HD Micro Dome

CONTROL AND NETWORK CABLES

- The data cable plant for all surveillance camera devices shall be installed by a separate contractor. This will include the horizontal cable, the faceplates, inserts and copper patch cables required for each location.
- The surveillance contractor will provide patch cables and any additional cabling that may be needed to provide additional power (above the 802.3af requirements) for exterior camera heaters, blowers etc.
- Cabling for all approved manufacturer's hardware must meet factory specifications, including the requirements for cable that is stranded, twisted, with an overall shield to eliminate electrical interference.
- Pair counts and wire gauge must meet the approved manufacturer's specifications based upon wiring distances.
- Contractor will be responsible for supplying and dressing in the patch cables at each camera location. Do not allow the cables to rest on the ceiling tiles, conduits, pipes, insulation, HVAC ductwork or other trades pathways. Support the patch cable with a dedicated J-hook adjacent to the camera location.
- Do not use plastic tie wraps on the patch cables at any time. Patch cables found with plastic tie wraps on them shall be replaced completely at the contractor's cost. Patch cable support will be provided with the cabling contractor's maintenance loop or the security contractor shall provide and install their own j-hook to support the patch cable.
- Additional cabling required for the cameras shall be provided and installed by the surveillance contractor as needed. All cabling shall be rated for plenum environments and shall be supported in J-hooks spaced apart at 48-60". All j-hooks shall be properly secured to the building structure, dedicated all thread or dedicated grid wire. Do not use the ceiling grid support wire for any reason. Dedicated grid wire used only for the J-hook may be installed.
- Additional cabling required for the cameras shall be provided and installed by the surveillance contractor. All cabling shall be rated for plenum environments.

- Sleeve penetrations in all exterior walls will be made by the security contractor. Coordinate all final heights camera locations with the owner at each job site prior to final installation. The contractor will fire stop the sleeves to meet all applicable codes. It will be the contractor's responsibility to plan for any such penetrations. Wiring run through any penetration without a proper sleeve will be removed and replaced at the contractor's expense. All sleeves shall require white plastic bushings on each end of the sleeve. Contractors installing cabling in conduit sleeves without bushings shall replace the entire pathway. Split bushings shall not be accepted for any reason. Failure to coordinate the final location with the electrical contractor and the owner may result in the cameras being relocated at the contractor's expense.

INTERIOR CAMERAS

- Refer to the drawings for all new camera locations. Cameras will be positioned in or near the locations shown on the drawings but all final viewing areas and heights will be established with the Owner prior to installation. Failure to coordinate the views with the District representative prior to installation may result in cameras being relocated at the contractor cost.
- The contractor will notify the Owner if the proposed location is blocked by any obstructions and propose an alternate location for the camera as needed.
- Contractor is required to provide for all license seats that are required for a complete and functioning system.

EXTERIOR CAMERAS - FIXED

- Refer to the drawings for all camera locations. Cameras will be positioned in or near the locations shown on the drawings but all final viewing areas and heights will be established with the client prior to installation. Failure to coordinate the views with the District prior to installation may result in cameras being relocated at the contractor cost.
- The contractor will notify the Owner if the proposed location is blocked by any obstructions and propose an alternate location for the camera as needed.
- Contractor is required to provide for all license seats that are required for a complete and functioning system.

CAMERA MOUNTS

- Interior ceiling mounted cameras will be mounted in ceiling tile where available utilizing a single gang box cover as support on the backside of the tile. (See provided drawing for proper mounting.)
- Interior hard ceiling mounted cameras will be supported by mounting the camera on a single gang box cover and then mounting the cover to the hard ceiling. (See provided drawing for proper mounting.)
- Interior wall mounted camera locations (if applicable) will be mounted directly on the back box if provided or on a single gang box cover which will then be mounted to the wall. Verify all locations on site.
- Exterior cameras mounted in hard soffits will be mounted in the same manner as interior hard ceiling mounted cameras.
- Exterior cameras mounted on walls exposed to the elements will be mounted on single gang boxes and attached to the cover of the box. A clear plastic box cover will also be attached to protect the camera from the elements.

VMS, STORAGE AND PROGRAMMING REQUIREMENTS

- Acceptable VMS Manufacturer: Avigilon
- The surveillance contractor will be responsible for providing all required licenses for each camera being added to the system.

- The storage system shall require a minimum of 30 days of continuous storage.
 - Contractor will set the new cameras at the following settings:
 - Interior cameras – record motion only, assume 8 FPS, 1920 X 1080 with H.264 compression
 - Exterior cameras – record full time 8 FPS, 1920 X 1080 with H.264 compression.
 - Assume 40% motion on the interior cameras from 6:00 AM-7:00PM Monday through Friday and 20% for all day Saturday and Sunday. Assume 90% motion on the exterior cameras on all days.
 - Set pre/post alarm event recording to 30 seconds.
- The contractor shall provide the properly configured storage servers at the new campus with the following criteria:
 - Avigilon manufactured servers only – rack mountable for 19" mounting space.
- Storage servers shall be installed in the MDF rack at each campus.
- The contractor will be responsible for performing the following programming.
 - Set all camera views and angles with the District Security Departments. Label all new cameras according to the direction of both afore mentioned parties. Perform this coordination prior to the start of installation.
 - Provide MAC address information on all new cameras being installed.
- All camera and software licenses and accompanying software will be transferred to The District if applicable.
- Contractor will include all necessary licensing fees for one year of maintenance coverage for each camera in the project. The year will begin at the owners approved substantial completion date and not at the date of purchase by the integrator.
- At no time will the contractor discuss any setup, programming or coordination with any member of the school district without approval from the school district. All questions and coordination requests will be routed through the architect in writing until such a time that the Owner deems necessary.

TRAINING

- Training is not required for this project.

EXECUTION

INSTALLATION

- Components of the system will be installed in a neat, professional manner as deemed by the architect / security consultant.
- Wiring color codes will be strictly observed and terminations will be uniform throughout the system.
- Identification markings and systems will be uniform with machine generated labels. No hand written labels are permitted.
- Do not place cameras in final locations where field of view objectives cannot be met. Confer with District representative on final placement of cameras prior to any final rough in. Failure to coordinate with the District representative prior to installing the cameras may result in relocation of the camera at the contractor's cost. Position cameras to avoid direct light sources and extreme backlit situations. Orient camera for best image and make adjustments as required or directed by the District.
- The data cabling shall be provided and installed under a separate contract for this project. Any additional cables required for system functions will be provided and installed by the contractor. Follow all pathway requirements as set forth in this section.
- Seal all exterior cameras, including those under roof, with RTV or silicon sealant at locations

where mounting contacts wall surface.

- Sealant will be rated for UV protection use clear sealant.
- Acrylic domes and windows shall be treated after installation with approved plastic cleaner and polish. All domes will be cleaned prior to final acceptance.
- The Security Camera Contractor shall make a thorough inspection of all camera locations to insure the following:
 - Confirm all devices are properly located and connected as per the security drawings and the construction specification documents for a complete and functional system.
 - Installed in accordance to manufacturer's instructions.
- The Contractor shall provide a warranty of the installed system against defects in material or workmanship for a period of one (1) year from the date of substantial completion. Any equipment shown to be defective shall be replaced, repaired, or adjusted free of charge. All labor and materials shall be provided at no expense to the District. All equipment will carry a one-year warranty or manufacturer's warranty whichever is greater.

LABELING

- All labels shall be machine generated.
- Handwritten labels are not acceptable.
- Do not place the IP addresses for the cameras on the outer domes or anywhere else they can be seen by the public.

TECHNICAL SUPPORT

- The personnel providing technical support will:
 - Have thorough and in-depth knowledge of the System and Materials that were used as well as have direct project experience.
 - Be skilled in all use of equipment and materials used under the Contract.
 - Be competent to troubleshoot and fix problems associated with Contractor provided materials.

FINAL ACCEPTANCE

- All substantial completion and or final acceptance site inspections shall include the contractor's record documentation. Failure to coordinate the final documents with the installed product will result in additional delays to final acceptance or substantial completion.
- The following items shall be reviewed during the final acceptance walk:
 - All camera locations match the records drawings.
 - All cameras are properly labeled and identified both in the field and on the record drawings.
 - All camera viewing angles are set to the client's approval.
 - Camera motion settings and recording properties are properly set in the server.
 - Cameras are properly identified on the electronics copy of the VMS floor plans (maps).

END OF SECTION

Subsection D: Pricing Tables

Typical Elementary School Campus Intrusion/Access Pricing				
Security Equipment:				
Model	Description	Each Price	QTY	Total Price
635LG6	System Galaxy 6 Reader Panel / Large Cabinet		1	
90-0600-70/8E	System Galaxy Reader Expansion License		1	
20-0650-10	System Galaxy DSI Board		1	
20-0610-15	System Galaxy Alarm Input Board		4	
92-0600-80	System Galaxy Large Enclosure Box		1	
DTK-1LVLP-X	Ditek Surge Suppressor		1	
AL400ULPD8	Altronix Power Supply		1	
AL600ULACM	Altronix Power Supply		1	
Battery	12-volt 7 amp hour battery		1	
HU-6005BGB00	HID 6005 Proximity Card Reader (Grey)		2	
SR-1078CBR	Sentrol Recess Contact Switch		35	
DT-8035	Honeywell Motion Sensor		23	
C-2000B	Viking 4-Door Controller		1	
VK-E30EWP	Viking Exterior Phone		1	
VK-E30	Viking Interior Phone		1	
VK-VE5x5	Viking Exterior Phone Enclosure		1	
US-HUB2SA	USP Momentary Button		2	
EN4216MR	Inovonics Wireless Receiver		1	
EN1223S	Inovonics Wireless Transmitter		4	
EN1235S	Inovonics Wireless Transmitter		1	
22-3	500' Plenum Rated 22 awg 3 Pair Wire (Intrusion)		20	
22-6	500' Plenum Rated 22 awg 6 Conductor Reader Wire		2	
22-3	500' Plenum Rated 22 awg 3 Pair Wire		2	
16-2	500' Plenum Rated 16 awg 2 Conductor Power Wire		2	
Cat5E	500' Plenum Rated Category 5 Cable (Intercom)		2	
Permit	City of Garland Permit		1	
Labor	Total Labor to Install the above equipment		1	
		Total Price		

Typical Middle School Campus Intrusion/Access Pricing				
Security Equipment:				
Model	Description	Each Price	QTY	Total Price
635LG12	System Galaxy 12 Reader Panel / Large Cabinet		1	
90-0600-70/8E	System Galaxy Reader Expansion License		2	
20-0650-10	System Galaxy DSI Board		1	
20-0610-15	System Galaxy Alarm Input Board		5	
92-0600-80	System Galaxy Large Enclosure Box		1	
DTK-1LVLP-X	Ditek Surge Suppressor		1	
AL400ULPD8	Altronix Power Supply		1	
AL600ULACM	Altronix Power Supply		1	
Battery	12-volt 7 amp hour battery		1	
HU-6005BGB00	HID 6005 Proximity Card Reader (Grey)		3	
SR-1078CBR	Sentrol Recess Contact Switch		49	
DT-8035	Honeywell Motion Sensor		50	
C-2000B	Viking 4-Door Controller		1	
VK-E30EWP	Viking Exterior Phone		1	
VK-E30	Viking Interior Phone		1	
VK-VE5x5	Viking Exterior Phone Enclosure		1	
US-HUB2SA	USP Momentary Button		2	
EN4216MR	Inovonics Wireless Receiver		2	
EN5040-T	Inovonics Wireless Repeater		1	
EN1223S	Inovonics Wireless Transmitter		4	
EN1235S	Inovonics Wireless Transmitter		1	
EN1212	Inovonics Wireless Dual Sensor Transmitter (Portables)		7	
22-3	500' Plenum Rated 22 awg 3 Pair Wire (Intrusion)		22	
22-6	500' Plenum Rated 22 awg 6 Conductor Reader Wire		6	
22-3	500' Plenum Rated 22 awg 3 Pair Wire		6	
16-2	500' Plenum Rated 16 awg 2 Conductor Power Wire		6	
Cat5E	500' Plenum Rated Category 5 Cable (Intercom)		2	
Permit	City Permit		1	
Labor	Total Labor to Install the above equipment		1	
		Total Price		

Typical High School Campus Intrusion/Access Pricing				
Security Equipment:				
Model	Description	Each Price	QTY	Total Price
635LG12	System Galaxy 12 Reader Panel / Large Cabinet		2	
90-0600-70/8E	System Galaxy Reader Expansion License		3	
92-0600-80	System Galaxy Large Enclosure Box		2	
20-0650-10	System Galaxy DSI Board		2	
20-0610-15	System Galaxy Alarm Input Board		9	
DTK-1LVLP-X	Ditek Surge Suppressor		4	
AL400ULPD8	Altronix Power Supply		3	
AL600ULACM	Altronix Power Supply		3	
Battery	12-volt 7 amp hour battery		2	
HU-6005BGB00	HID 6005 Proximity Card Reader (Grey)		4	
SR-1078CBR	Sentrol Recess Contact Switch		94	
SR-2315AL	Sentrol Overhead Door Contact		6	
DT-8035	Honeywell Motion Sensor		63	
DS938Z	Bosch 360 Motion Sensor		4	
EN4216MR	Inovonics Wireless Receiver		1	
EN1223S	Inovonics Wireless Transmitter		4	
EN1235S	Inovonics Wireless Transmitter		1	
C-2000B	Viking 4-Door Controller		1	
E-30-EWP	Viking Exterior Phone		1	
VK-E30	Viking Interior Phone		1	
VE-5x5	Viking Exterior Phone Enclosure		1	
Lift Rental	26' Electric Scissor Lift (1-Month)		1	
22-3	500' Plenum Rated 22 awg 3 Pair Wire (Intrusion Wire)		60	
22-6	500' Plenum Rated 22 awg 6 Conductor (Reader Wire)		4	
22-3	500' Plenum Rated 22 awg 3 Pair Wire (Access Wire)		4	
16-2	500' Plenum Rated 16 awg 2 Conductor (Power Wire)		4	
Cat5E	500' Plenum Rated Category 5 Cable (Intercom)		2	
Permit	City Permit		1	
Labor	Total Labor to Install the above equipment		1	
		Total Price		

Typical Elementary School Campus CCTV Pricing				
CCTV Equipment:				
Model	Description	Each Price	QTY	Total Price
HD-NVR3-VAL-12TB-NA	Avigilon 12 TB Server		1	
24C-ACC5-ENT	Avigilon 24 Camera License		1	
1C-ACC5-ENT	Avigilon 1 Camera License		1	
2.0-H3M-D01	Avigilon 2 MP Outdoor Micro Dome Camera		25	
Mounting Hardware	Single Gang Box with Cover		25	
15241	7' Plenum Rated Patch Cable		25	
SMT3000RM2U	APC UPS		1	
Labor	Total Labor to Install the above equipment		1	
		Total Price		
Typical Middle School Campus CCTV Pricing				
CCTV Equipment:				
Model	Description	Each Price	QTY	Total Price
HD-NVR3-VAL-18TB-NA	Avigilon 10 TB Server		2	
24C-ACC5-ENT	Avigilon 24 Camera License		2	
8C-ACC5-ENT	Avigilon 8 Camera License		1	
2.0-H3M-D01	Avigilon 2 MP Outdoor Micro Dome Camera		55	
Mounting Hardware	Single Gang Box with Cover		55	
15241	7' Plenum Rated Patch Cable		55	
SMT3000RM2U	APC UPS		1	
Labor	Total Labor to Install the above equipment		1	
		Total Price		
Typical High School Campus CCTV Pricing				
CCTV Equipment:				
Model	Description	Each Price	QTY	Total Price
HD-NVR3-VAL-18TB-NA	Avigilon 18 TB Server		2	
HD-NVR3-VAL-12TB-NA	Avigilon 12 TB Server		1	
24C-ACC5-ENT	Avigilon 24 Camera License		5	
16C-ACC5-ENT	Avigilon 16 Camera License		1	
1C-ACC5-ENT	Avigilon Single Camera License		1	
2.0-H3M-D01	Avigilon 2 MP Outdoor Micro Dome Camera		135	
Mounting Hardware	Single Gang Box with Cover		135	
15241	7' Plenum Rated Patch Cable		135	
SMT3000RM2U	APC UPS		2	
Labor	Total Labor to Install the above equipment		1	
		Total Price		

End of Section

Subsection E: Overall Project Pricing Tables

The pricing in this table will include pricing for all campuses utilizing the tables from Subsection D: above, adjusting to accommodate the provided counts. It is understood that the pricing provided may need to be adjusted based on field conditions. The unit pricing found in the previous sections of this proposal will be used to make all adjustments as needed. All companies will review installation requirements and pricing shall reflect all system requirements as stated. If a proposer provides pricing and does not include all requirements this will disqualify the company and another vendor will be awarded.

Intrusion and Access Control System Pricing

Campus	Equipment	Panel Count	Motion Sensors	Access Control Doors	Door Contacts	Equipment Price	Labor to Install Price	Campus Total
Garland High	Typical High School Equipment	6	56	23	106			
North Garland High	Typical High School Equipment	5	163	12	50			
Rowlett High	Typical High School Equipment	3	97	14	82			
Sachse High	Typical High School Equipment	3	109	10	75			
South Garland High	Typical High School Equipment	3	87	12	87			
Brandenburg	Typical Middle School Equipment	2	32	9	32			
Bussey	Typical Middle School Equipment	2	36	9	40			
Coyle	Typical Middle School Equipment	1	39	8	36			
Hudson	Typical Middle School Equipment	2	51	8	52			
Jackson	Typical Middle School Equipment	2	53	8	49			
Lyles	Typical Middle School Equipment	2	33	10	52			
O'Banion	Typical Middle School Equipment	2	61	9	39			
Schrade	Typical Middle School Equipment	2	39	10	49			
Sellers	Typical Middle School Equipment	2	33	9	37			
Webb	Typical Middle School Equipment	1	49	9	33			
Abbett	Typical Elementary School Equipment	1	17	6	28			
Beaver	Typical Elementary School Equipment	1	40	7	30			
Bradfield	Typical Elementary School Equipment	1	28	6	21			
Bullock	Typical Elementary School Equipment	2	77	6	29			
Carver	Typical Elementary School Equipment	1	77	8	34			
Centerville	Typical Elementary School Equipment	1	19	6	14			
Club Hill	Typical Elementary School Equipment	1	19	7	23			
Cooper	Typical Elementary School Equipment	1	33	7	28			
Couch	Typical Elementary School Equipment	1	27	11	34			
Davis	Typical Elementary School Equipment	2	45	8	30			
Dorsey	Typical Elementary School Equipment	1	26	9	18			
Ethridge	Typical Elementary School Equipment	1	34	6	23			
Freeman	Typical Elementary School Equipment	1	16	9	33			

Golden Meadows	Typical Elementary School Equipment	1	18	6	24			
Heather Glen	Typical Elementary School Equipment	1	28	8	21			
Herfurth	Typical Elementary School Equipment	1	21	6	27			
Hickman	Typical Elementary School Equipment	1	33	8	32			
Hillside	Typical Elementary School Equipment	1	20	6	14			
Kimberlin	Typical Elementary School Equipment	2	54	6	19			
Liberty Grove	Typical Elementary School Equipment	1	74	8	34			
Lister	Typical Elementary School Equipment	1	28	6	30			
Luna	Typical Elementary School Equipment	1	35	7	28			
North Lake	Typical Elementary School Equipment	1	30	6	30			
Pearson	Typical Elementary School Equipment	1	37	8	30			
Routh Roach	Typical Elementary School Equipment	1	30	8	25			
Rowlett El	Typical Elementary School Equipment	1	20	7	32			
Sewell	Typical Elementary School Equipment	1	27	8	28			
Shorehaven	Typical Elementary School Equipment	1	20	6	25			
Shugart	Typical Elementary School Equipment	1	22	8	28			
Spring Creek	Typical Elementary School Equipment	1	21	8	28			
Steadham	Typical Elementary School Equipment	1	37	7	25			
Stephens	Typical Elementary School Equipment	1	32	8	25			
Toler	Typical Elementary School Equipment	1	20	8	32			
Vial	Typical Elementary School Equipment	1	27	8	26			
Watson	Typical Elementary School Equipment	1	37	6	18			
Walnut Glen	Typical Elementary School Equipment	1	22	6	18			
Weaver	Typical Elementary School Equipment	2	54	10	25			
Williams	Typical Elementary School Equipment	2	59	7	28			
Cisneros Pre-K	Typical Elementary School Equipment	1	22	9	30			
Parsons Pre-K	Typical Elementary School Equipment	1	27	8	30			
AEC	Typical Elementary School Equipment	1	8	4	10			
PAC	Typical Elementary School Equipment	1	13	8	18			
Natatorium	Typical Elementary School Equipment	1	30	5	20			
Total New Systems		86	2302	470	1924			

CCTV System Pricing

Campus	Equipment	Server Count	Camera Count	Equipment Price	Labor to Install Price	Campus Total
Garland High	Typical High School Equipment	3	117			
North Garland High	Typical High School Equipment	3	109			
Rowlett High	Typical High School Equipment	3	111			
Sachse High	Typical High School Equipment	3	127			
South Garland High	Typical High School Equipment	3	107			
Brandenburg	Typical Middle School Equipment	2	67			
Bussey	Typical Middle School Equipment	2	52			
Coyle	Typical Middle School Equipment	2	59			
Hudson	Typical Middle School Equipment	2	50			
Jackson	Typical Middle School Equipment	2	72			
Lyles	Typical Middle School Equipment	2	48			
OBanion	Typical Middle School Equipment	2	56			
Schrade	Typical Middle School Equipment	2	55			
Sellers	Typical Middle School Equipment	2	56			
Webb	Typical Middle School Equipment	2	51			
Abbett	Typical Elementary School Equipment	1	25			
Beaver	Typical Elementary School Equipment	1	25			
Bradfield	Typical Elementary School Equipment	1	25			
Bullock	Typical Elementary School Equipment	1	31			
Carver	Typical Elementary School Equipment	1	25			
Centerville	Typical Elementary School Equipment	1	25			
Club Hill	Typical Elementary School Equipment	1	25			
Cooper	Typical Elementary School Equipment	1	25			
Couch	Typical Elementary School Equipment	1	25			
Davis	Typical Elementary School Equipment	1	25			
Dorsey	Typical Elementary School Equipment	1	25			
Ethridge	Typical Elementary School Equipment	1	25			
Freeman	Typical Elementary School Equipment	1	25			
Golden Meadows	Typical Elementary School Equipment	1	25			
Heather Glen	Typical Elementary School Equipment	1	25			
Herfurth	Typical Elementary School Equipment	1	25			
Hickman	Typical Elementary School Equipment	1	31			
Hillside	Typical Elementary School Equipment	1	25			
Kimberlin	Typical Elementary School Equipment	1	26			
Liberty Grove	Typical Elementary School Equipment	1	26			
Lister	Typical Elementary School Equipment	1	25			
Luna	Typical Elementary School Equipment	1	25			
North Lake	Typical Elementary School Equipment	1	25			

Pearson	Typical Elementary School Equipment	1	25			
Routh Roach	Typical Elementary School Equipment	1	25			
Rowlett El	Typical Elementary School Equipment	1	25			
Sewell	Typical Elementary School Equipment	1	25			
Shorehaven	Typical Elementary School Equipment	1	25			
Shugart	Typical Elementary School Equipment	1	25			
Spring Creek	Typical Elementary School Equipment	1	25			
Steadham	Typical Elementary School Equipment	1	32			
Stephens	Typical Elementary School Equipment	1	31			
Toler	Typical Elementary School Equipment	1	25			
Vial	Typical Elementary School Equipment	1	25			
Watson	Typical Elementary School Equipment	1	29			
Walnut Glen	Typical Elementary School Equipment	1	25			
Weaver	Typical Elementary School Equipment	1	25			
Williams	Typical Elementary School Equipment	1	25			
Cisneros Pre-K	Typical Elementary School Equipment	1	25			
Parsons Pre-K	Typical Elementary School Equipment	1	25			
AEC	Typical Elementary School Equipment	1	25			
PAC	Typical Elementary School Equipment	1	55			
Natatorium	Typical Elementary School Equipment	1	30			
Total New Systems		78	2278			

Total Access Control/Intrusion System Pricing	
Total CCTV System Pricing	
Total Scope of Work Cost	

End of Section